RADIO & TELEVISION RELEVISION RELEVISION



HERE'S THE

KING'S BIG NATIONAL **CAMPAIGN FOR '51!** AD

You haven't seen television at its best



This big full-page COLOR ad will appear in the Jan. 22 issue of

> Thousands of LIFE and SATURDAY EVENING POST

readers right in your own community will see plenty of Air King Advertising during 1951... continuous barrage of big, hard-selling ads that will do a bang-up job of pre-selling Air King for you.

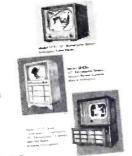
BUT THAT'S NOT ALL! Air King is ready with a MERCHANDISING PLAN that will bring these new customers into your store. It's powerful! It's dramatic! It's complete! Gives you everything you need...NEWSPAPER MATS — RADIO SPOTS — 24 SHEET POSTERS—DISPLAYS—and a full line of other promotional material! Ask your distributor today about the AIR KING MERCHANDISING PLAN!

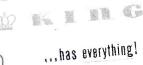


HYTRON

timbre : Historie







AIRWKING

...has everything!

SEE AIR KING CHICAGO FURNITURE SHOW JANUARY 8 THRU 19 Preview of the complete Air King 1454 Merchandise Mart Bldg.

AIR KING PRODUCTS CO., INC., 170-53rd ST., BROOKLYN 32, N.Y.

RADIO & TELEVISION RETAILING

Including "RADIO & TELEVISION"
"RADIO & TELEVISION TODAY"
and "ELECTRICAL RETAILING"

ORESTES H. CALDWELL Editorial Director

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LOS ANGELES 5
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Southern California Representative
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CIRCULATION DEPARTMENT
B. V. SPINETTA
Circulation Director

W. W. SWIGERT Credit Manager

RADIO & TELEVISION RETAILING*

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*Trade-Mark Reg. U. S. Pat. Off. Copyright 1950 by

CALDWELL-CLEMENTS, Inc.
Publishers also of TELE-TECH

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CALDWELL-CLEMENTS, INC.
480 LEXINGTON AVE., NEW YORK, N. Y.

SCREENS!



You can put your confidence in_
GENERAL



LECTRIC

SHARPER PICTURES!

THAT'S WHAT YOUR CUSTOMERS WANT

BLACK-DAYLITE TELEVISION

Now, General Electric meets the overwhelming demand for life-size, lifelike G-E Black-Daylite Television with three big-screen sizes, 16, 17 and 19-inch. Blond and mahogany veneered cabinets to cover all tastes. Every technical advance, pioneered or developed by General Electric is featured in these superb re-

ceivers, making them outstanding in today's TV market. It's a pleasure to offer your customers exactly what they want, backed by a name they can believe in. For the complete story on these big-screen models, see your G-E television distributor today or write to the General Electric Company, Receiver Division, Syracuse, New York.



16C113.16" rectangular black tube. Genuine mahogany veneered cabinet.



1675. 16" rectangular black tube. Compact cabinet hand-rubbed, genuine mahogany veneered.



16K1. 16" rectangular aluminized black tube. 3-speed automatic phonograph. FM-AM radio. Genuine mahogany or modern blond veneered console.



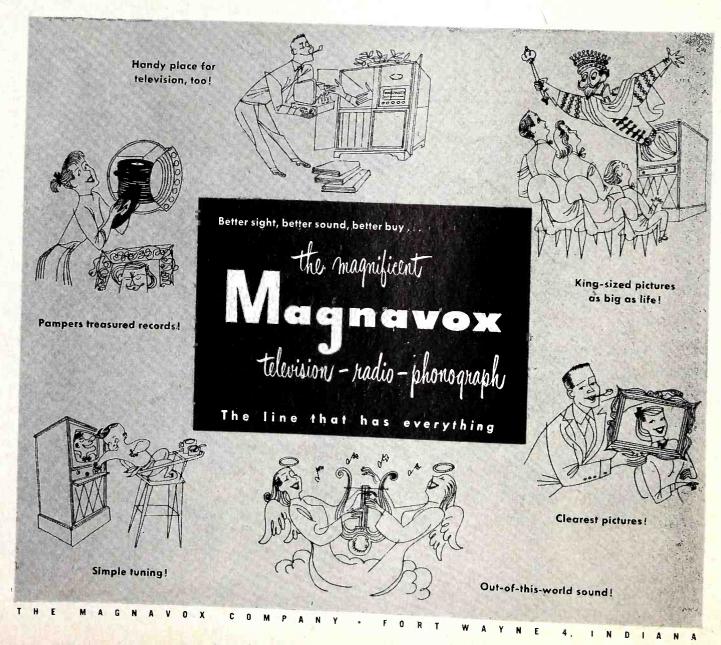
16C103. 16" rectangular black tube. Genuine mahogany or modern blond veneered cabinet.



19C105. Elegant console—super lifesize pictures. 19" black tube. Superb, hand-rubbed, genuine mahogany veneered cabinet with finely figured doors. Mounted on swivel casters.

Magnavox

cordially invites you
to come in and see the
latest Magnavox instruments
during The Winter Market
January 8-19
at the new Magnavox
Permanent Chicago Showroom
Room 1116 • Merchandise Mart



Your Distributor is drawing the curtain on

REVOLUTIONARY ADVANCES FROM PHILCO

in REFRIGERATORS

.. ELECTRIC RANGES

... AIR CONDITIONERS

.. BALANCED BEAM TELEVISION

... RADIOS and RADIO-PHONOGRAPHS

Now, all across the nation Philo Distributors are showing new Philo products that will make appliance history in 1951.

for 195

Here, from Philco, you'll see no mere face lifted lines—no carry-over collections of refurbished old models. The new 1951
Philco lines are new from the ground up.
New in concept and design, new in engineering and features—they are the planned result of a multi million dollar retooling

program that started right back on the drawing boards.

Yes, again in 1951, the driving force for progress is *Philco Advanced Design*... bringing you your biggest opportunity for appliance volume and profits.

See and decide for yourself—that more than ever before this is the line and the year to *Concentrate on Philco*, the most profitable franchise in the appliance field.

Westinghouse Scores Again WITH

Maintaining Westinghouse Reputation

for dependability and extra performance . . . Full-service backing . . . Continued fair profits.

INTRODUCING 7 new models

in addition to the greatest demand line in Westinghouse history to peg every popular TV bracket.



639T17, the Fenway
...17" table TV in blonde
"frosted" oak.



635T17, the Dorset
... 17" table television in mahogany color plastic.



640T17, the Andover
...17" screen in mahogany
cabinet.



643K16, the Carlton
...165 square inch, 16" tube pictures. Mahogany finish.



642K20, the Stratton
...20" screen—mahogany
finish console with full doors.



641K17, the Brentwood
...17" screen in mahoganyfinish console.

STANDOUT DEALER LINE

STARRING

Single Dial Tuning

The greatest TV feature of them all . . . practically demonstrates itself, plus all the regular new features.





638K20, the Copleigh ... 20" mahogany console.



628K16, the Hampden
...16" pictures in a console finished in mahagany.



647K17, the Warwick

"frosted" oak console.

...17" pictures in modern

646K17, the Shelton
...17¹¹ screen in mahogany finish console.

Plus New '51 Rudio Line complete, including table models, portables, and redisphonographs.

Initial Showing

January 8 through 19
Space 542B
American Furniture Mart
Chicago, Illinois



...Sharp 17" pictures, 3-speed phonograph, AM-FM radio in mahogany finish.

YOU CAN BE SURE ... IF IT'S VESTING house

WESTINGHOUSE ELECTRIC CORP., TELEVISION-RADIO DIVISION, SUNBURY, PA.

The Set the Experts Own

hallicrafters

precision television



TELEVISION CAMERAMANI



TELEVISION DEALER!



TV SERVICE ENGINEER!

ONLY HALLICRAFTERS HAS THE \$2,000,000 dynamic

tuner

For their own homes . for their personal television pleasure, the experts buy Hallicrafters!

Their judgment is by comparing, with their own eyes. You, too, can see what the experts see, PRECISION performance!

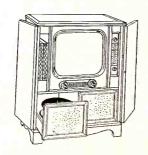
Hallicrafters exclusive "Dynamic Tuner" brings you television's CLEAREST picture, with 2 to 4 times greater sensitivity than other leading sets.





The 890 "PROVINCIAL" in Honeyed Maple

20" Rectangular Black Tube TV -AM Radio -3-Speed Phonograph



FORCEFUL CONSUMER ADVERTISING BOOSTS YOUR SALES OF G-E TUBES!



Full-page, eye-catching ads like this appear regularly in

THE SATURDAY EVENING

ERE'S a tube "first" that will put you first in volume, profits, and neighborhood prestige. Feature G-E tubes on your shelves; display them prominently on your counter. Your G-E tube distributor (better phone him, it's quicker) gladly will help you tie in with this national advertising. Or wire or write Electronics Department, General Electric Company, Schenectady 5, New York.



You can put your confidence in_



GENERAL ELECTRIC

UNIVERSAL

... WITH A GREAT CLEANER OFFER



You make full profit on the cleaner and you even make a profit on the premiums!



A \$19.95 value!

THIS BEAUTIFUL VINYLITE HASSOCK-CHEST AND TV SEAT

Solves cleaner storage problem. Holds cleaner and all attachments. Handsome, comfortable extra TV seat or hassock for any living room.

Cleaning attachments including hose, wands and three norries

UNIVERDAL

This Famous, Full-size UNIVERSA All Metal TANK CLEANER

complete with attachments shown

FOR AN AMAZING

PLUS

YOUR CHOICE

THIS "ROLL-A-VAC"

arthur later bell

CARRIER

AND STORAGE UNIT

Cuts cleaning time 25% by keeping attachments handy... one trip to and from storage. Beautiful chrome frame, rubber-tired wheels, heavy duck back. Stair glide and rubber feet on a sturdy metal base.



A \$19.95 value!

This same offer for Cleaner and Chest or Carrier

made with Universal Cleaners VC 6702 and VC 6700 at

America's **Most Complete Line** of Home Cleaning **Equipment**



slightly higher prices.







Leads Again!

A GREAT PROMOTION TO BUILD MORE SALES FOR YOU!





See your UNIVERSAL distributor today!

Get set now to clean up on cleaner sales this Spring!

UNIVERSAL

LANDEDS EDADY & CLARK NEW ROLTAIN CONN.

Eight reasons why

THE COMMERCIAL CREDIT PLAN should be YOUR plan in '51



1. WHOLESALE FINANCING

The Commercial Credit Plan provides you with the financing you need to keep your floor and warehouse stocks at their best level . . . for better sales. Quick deliveries close sales. With Commercial Credit financing you can "have it in stock."

2. FAST CREDIT APPROVAL

Not every one of your prospects is a good credit risk... but every one is a good potential sale. Commercial Credit's elaborate and nationwide facilities make it possible to provide quick and sound credit decisions. Good sales will not be lost through superficial credit rejections.

3. LIFE INSURANCE PROTECTION

Here is an important selling and protection feature. Under COMMERCIAL CREDIT'S PLAN the unpaid balance is cancelled in the event of purchaser's death. (Not available in California.)

4. PROPERTY INSURANCE PROTECTION

Another important sales feature is that the unpaid balance is cancelled in the event of damage to, or loss of, the merchandise . . . as defined in the policy.

5. AUTOMATIC SALES FOLLOW-UP

Your time payment customers are your best prospects. Commercial Credit's automatic sales follow-up keeps you informed as to the credit status of your time payment customer.

6. TESTED COLLECTION SERVICE

From Commercial Credit's long experience, trained personnel know how to handle collection of time payment sales without endangering the good will of your customer. With the Commercial Credit Plan you have no collection worries.

7. NATIONWIDE SERVICE

Many potential customers are people who have lived in your neighborhood only a short time. Also, time payment customers may change their residence before payments are completed. It is important that you have the credit and other facilities of COMMERCIAL CREDIT'S 300 offices throughout the United States and Canada.

8. BUILDS CUSTOMER GOOD WILL

The Commercial Credit Plan is "Sales" Service as well as more efficient financing. Our success depends on helping you get more customers and keeping your customers satisfied. Because the Commercial Credit Plan offers More advantages to both the buyer and the seller, it is used by More dealers to finance More home appliance sales than any other national financing plan.

To help you make

...MORE SALES...MORE PROFITS
...MORE SATISFIED CUSTOMERS

Phone, wire or write the Commercial Credit office nearest you. Our representative will gladly show you how the Commercial Credit Plan can serve you better.

Choose and Use the

COMMERCIAL CREDIT PLAN



COMMERCIAL CREDIT CORPORATION

A subsidiary of Commercial Credit Company, Baltimore . . . Capital and Surplus over \$100,000,000 ... more than 300 offices in principal cities of the United States and Canada

New DUMOnt Steadibeam*...

always a clinching sales point

The DU MONT TARRYTOWN, with 17-inch Rectangular tube, combining TV, AM-FM radio, 3-speed phonograph.

One of the pet peeves of television set owners is the program disturbance sometimes caused by moving planes, trains, autos, buses, trolleys, or tropospheric disturbances.

This is where the new Du Mont
Steadibeam comes to the rescue.
All Du Mont Telesets* without exception
have this automatic signal compensator,
the most advanced form of
automatic gain control in the
television industry today.

The Du Mont Steadibeam positively insures uniform signal strength, whether the station is distant or nearby. It compensates automatically for rapid or slow variations in signal, due to any of the hazards mentioned above as well as many others. It retains picture brightness, for example, despite variations as great as 100 to 1!

It is an advantage that makes Du Mont Telesets easier to sell. It is one of those wanted features that a set owner brags about to his friends and neighbors. And that means more Du Mont sales for you.

The new Du Mont Steadibeam, like the Du Mont Sensituner,* the Du Mont Signalock,* the Du Mont Extra tubes, is one of the many Du Mont plus values that result in better performance, longer set life, lower service cost, more satisfied customers.

You'll do better with Du Mont-Television's most coveted franchise

OUMON first with the finest in Television

*Trade Mark

Copyright 1950, Allen B. Du Mont Laboratories, Inc., Television Receiver Division, East Paterson, N. J. and the Du Mont Television Network, 515 Madison Avenue, New York 22, N. Y.

BIGGEST PUSH IN HISTORY

Here's why owners call it the

WORLD'S MOST USEFUL RADIO!





No more worry about falling asleep and leaving the radio and light on...no more waking to 'jangling alarms...no more getting out of a cozy bed to turn the radio on or off. Not with the famous General Electric Clock-Radio. It's the world's most useful radio, ideal for everyone, every room. So popular it outsells all other makes combined! Of course it's a fine-toned G-E radio—plus a G-E electric clock that tells time even in the dark. In four stunning colors, all at the same low price! Get you's today!



You can put your confidence in _
GENERAL ESECTRIC

All-out promotion to break all sales records for all time!

AMERICA'S #1 Favorite gets the works in February. That's the month POST and LIFE, with 40 million readers, break out with a smashing 4-color page on G-E Clock-Radios. 147 newspapers will carry great big ads right down to the retail level. For radio and for TV screens, special spots and films are available to tie-in your store. And for use in your store,

there's a terrific turnabout display table, a deluxe shadow box, a brand new idea in window displays, streamers, folders, display cards, etc. Quantities of all the promotion material come to you, ready to go to work. Cash in on the World's Fastest Selling Radio! See your G-E radio distributor, or write General Electric Company, Receiver Division, Syracuse, N. Y.



Looks as deluxe as a jewell

Exquisite Shadowbox Display
—permanent, sturdy, made of
metal, glass and molded wood.
Self-illuminating. Perfect for
window, counter, floor display.



147 newspapers yell value!

Big, dominating factory-paid ads in 147 markets are sched-uled for 1951. Biggest local newspaper campaign in G-E Clock-Radio history.



Tested TV and red hot radio spots!

Striking, new TV film commercials now at all TV stations. Proved radio spots to tie-in your store with this great campaign.



Giant clock dial says time to buy!

> Giant clock hands and sales features, die-cut and ready to paste on your window without obstructing view. Dozens of other uses inside your store.

Get the whole ball of wax today!

CLOCK-RADIOS

Your G-E radio distributor has the whole works ready to de-liver to your store. Streamers, folders, display cards, mats, scripts, everything you need.

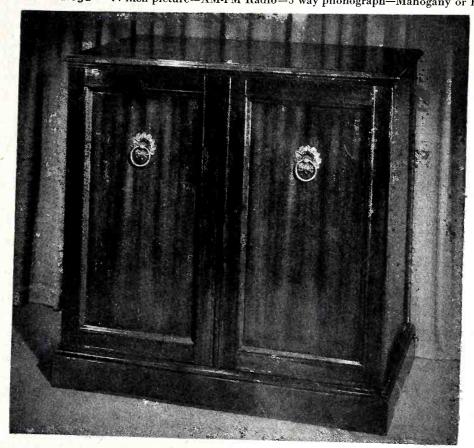


You can put your confidence in _
GENERAL ES ELEC



ELECTRIC

The Capehart "Saratoga" -17-inch picture-AM-FM Radio-3 way phonograph-Mahogany or Bisque finish



WHEN IN CHICAGO ... VISIT THE



at the Merchandise Mart

A most comprehensive collection of superior television instruments - incorporating the latest technical developments known to the television industry, the world-famous Capehart Symphonic-Tone System, and the handsomest, most luxurious cabinetry available anywhere today! We believe it will be greatly to your advantage to view this display and demonstration at your earliest convenience.

Permanent Display Room 1118



CAPEHART-FARNSWORTH CORPORATION, Fort Wayne 1, Indiana An Associate of International Telephone and Telegraph Corporation



Now - BIG 20" Picture at a new Cow Price!

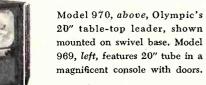


Here's really big news... Olympic's great new 20"
Rectangular TV sets, which so many of your customers have been waiting for. New super-powered chassis, engineered for superb picture definition and contrast.

Specially designed for maximum range, with fine performance even in extreme fringe areas. The price?
... surprisingly reasonable... in line with Olympic's super values.



TELEVVISION



DLYMPIC RADIO AND TELEVISION, INC., LONG ISLAND CITY, NEW YORK

See these and other Olympic values at the Furniture Show
Space 118-119, 17th Floor, American Furniture Mart, 666 Lakeshore Drive, Chicago

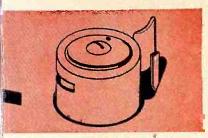
WEBSTER-CHICAGO'S NEW

Electronic Memory

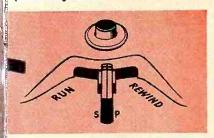


WIRE RECORDER with

- New Non-Spill Recording Head
- New Positive-Control Lever
- New Console Response



N-SPILL RECORDING HEAD—An engineering triumph, adds life to your wire and eliminates forever threat spilled or tangled wire.



DSITIVE CONTROL LEVER—For ease of operation, tegrated with a new braking system, it prevents perating errors.



JNSOLE RESPONSE—New sound chamber construction iminates distortion and provides life-like "highs" ad "lows."

HESE features have customer-appeal and they mean even more sales for you! Remember, no other home wire recorder offers you these exclusive, sales-building features. You know that when you sell the Webster-Chicago Electronic Memory Wire Recorder you are selling the one magnetic recorder that has already gained public recognition and acceptance.

The NEW "288" is now rolling off the assembly lines at unprecedented rates and they are all equipped with the three latest developments in magnetic recording.

1-Non-Spill Recording Head, the fool-proof magnetic recording head that eliminates spilled and tangled wire.

2-Console Response for unequalled tone fidelity and 3-Positive Control Lever for new simplicity and ease of operation and quick, sure stop and start action. In addition, an integrated emergency braking system adds another control to assure the finest recording with a minimum of wear and maintenance.

Your customers are learning about these new features through a complete national advertising program. There is a tremendous cooperative advertising campaign for you, too! See your nearest distributor today!

WEBSTER-CHICAGO

5610 W. Bloomingdale Ave., Chicago 39, Ill.

For More Sales Concentrate in

Pictorial Review

THE ONE GREAT SUNDAY MAGAZINE WHICH LETS YOU CHOOSE YOUR MARKETS



NLY IN PICTORIAL REVIEW can you buy from 1 to 10 of America's richest "key" markets separately . . . put the full mighty sales pull of a great Sunday Magazine to work for you in that individual market where it will benefit you most. And, to multiply the effect of your advertising, you get such effective sales aids as these:-Color reprints at cost in any quantity you desire for salesmen's portfolios, or trade or consumer mailings. Easels for reprints of your advertisements to use as point-of-sale displays. Broadsides ... your advertisement and three pages of editorial matter ... with dealer's imprint, supplied at cost. Among radio and television advertisers that have used PICTORIAL REVIEW during 1950 are the following: Admiral, Sylvania, G. E., Motorola, Arvin, R. C. A., Victor, Zenith and Dumont. Why not tie your product to this proven sales-power now?

Total 10-Market Circulation Takes Your Advertising To Over 6,000,000 Families With the Sunday Issues Of:—

Seattle Post-Intelligencer San Francisco Examiner New York Journal-American Baltimore American **Detroit Times**

Los Angeles Examiner Milwaukee Sentinel **Boston Advertiser** Pittsburgh Sun-Telegraph Chicago Herald-American

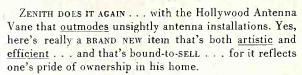
A HEARST PUBLICATION Represented Nationally By HEARST ADVERTISING SERVICE

There's a Ready Market



a fine PROFIT for you...in

Zenith's spectacular new Hollywood Antenna Vane



STRIKINGLY NEW... GENUINELY UNIQUE . . . there's a large and immediate market for the Hollywood Antenna Vane, for present TV home owners everywhere will want it. AND TV prospects will ask you about this decorative installation every time! Stock it . . . PROMOTE it . . . and you'll realize a mighty handsome PROFIT from carrying it!

The Weather Vane unit is topped by a legendary witch of storybook fame and "rides high" over the inconspicuous IN-Line Antenna which fits parallel to the chimney top or roof. The antenna functions efficiently on both high and low television bands.

S

a unique combination of weather vane and antenna

Your sales will come from these 4 groups...



TV purchaser who is salesreceptive to a new and beautiful antenna and can be "stepped up" on the difference on installation cost.



TV Owner who prides himself on the appearance and beauty of his home.



TV Owner who would like to replace the unsightly antenna installation that mars his home.



TV Owner who would otherwise prefer "poor reception" to having an "unsightly" outside antenna,



the WEATHER VANE. A sturdy Black Anodized Aluminum unit . . . it stands 13 inches high. The cross arms measure 23 inches across . . . and the entire unit, of course, is rust-proof.



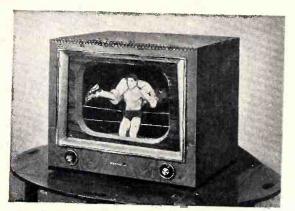


R A D I O
C O R P O R A T I O N
6001 Dickens Ave.

Chicago 39, III.

SELLS ON SIGHT-AND SO

Great OLD Name in Electronics Great NEW Name in Television



SYLVANIA 17" Table Model. Super-powered chassis, Movie-Clear* pictures. Studio-Clear* sound, static-free. Exclusive wide-angle, non-glare features. Built-in tunable antenna. Provides for phonograph attachment. Choice of three cabinets: Blond, Mahogany, Walnut - all Sundberg-Ferar styled!



*Sylvania Trademark

WHY ARE SO MANY PEOPLE going into television stores and saying: "I didn't know Sylvania makes Television Sets! They must be good sets!"

Because the buying public has been confused by all the claims and counterclaims-all the technical terms that mean nothing to the consumer.

The public has been groping. People want a name they can trust. Sylvania is that kind of name.

PEOPLE KNOW:

- That Sylvania's 50 years of electronics experience means unsurpassed engineering skill.
- That, as one of the oldest and largest tube-makers, Sylvania has been intimately associated with Television since its inception. It has supplied and is supplying tubes to many of the greatest and most exacting manufacturers of Television Sets.
- Now that Sylvania has a Television line of its own, people know that this company has staked its reputation on the dependability of its sets.

Sylvania is a Name with Built-In Integrity.

Buyers accept it. They never have to ask: "Is that a good set?"

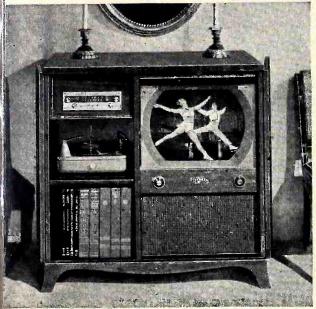
And the beauty and character of Sylvania furniture designs complete the sale-on sight!

Sylvania is the new, fresh, exciting note in Television Merchandising. It adds lustre to any store's display. Many merchants find Sylvania their prize demonstrator. It adds profits to any store's merchandising.

Put your faith in a Name the Public Trusts!

SYLVANIA ELECTRIC PRODUCTS INC., RADIO AND TELEVISION DIVISION, 254 RANO ST., BUFFALO, NEW YORK





SYLVANIA

Established 1901-Fiftieth Anniversary Year

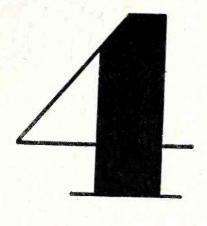
Radio Tubes; Television Picture Tubes; Electronic Products; Electronic Test Equipment; Fluorescent Lamps. Fixtures, Sign Tubing, Wiring Devices; Light Bulbs: Photolamps: Television Sets. SYLVANIA 19" Mahogany DeLuxe Console Combination. Your "concert-grand"! Designed by Cedric Errol Millspaugh. Life-size BIG pictures, Rock-Steady, Movie-Clear*. Three built-in antennas. AM-FM radio of unmatched tone quality. Automatic "pull-out" record changer for all speeds. This is the ultimate in home entertainment!



SYLVANIA 17" Mahogany DeLuxe Console, with doors. Big Mello-Tone* screen that gives you everything. Wonderful wide-angle, non-glare viewing. Studio-Clear* sound. Builtin antenna. Only two front control positions. Provides for phonograph attachment. Available in Walnut.



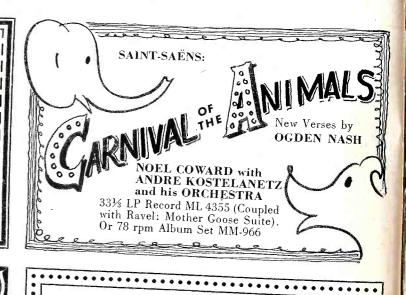
SYLVANIA 19" Mahogany DeLuxe Console, with doors. Life-size mg picture gives Rock-Steady, Movie-Clear* entertainment. Exclusive "picture-framing," wide-angle and non-glare features. Studio-Clear* tone that's static-free. Beautiful cabinets by Sundberg-Ferar, also available in Blond.



great Columbia releases to keep your post-holiday sales

Praces Festi

10 magnificent single LP Records. One of the greatest recording projects ever undertaken-the heart of the Bach Commemorative performances at Prades, France. 33½ LP Records ML 4345, through 4354.



By Oscar Hammerstein II and Sigmund Romberg

STARRING

ELEANOR STEBER and NELSON EDDY

Chorus and Orchestra conducted by Leon Arnaud

8 famous hit selections 331/2 LP Record ML 2164 or 78 rpm Album Set MM-975 MENDELSSOHN:

CETO in E MINOR

for Violin and Orchestra

ISAAC STERN, Violin, with The Philadelphia Orchestra, Eugene Ormandy, Conductor

331/2 LP Record ML 4363 or 78 rpm Album Set MM-973

NOW NATIONALLY ADVERTISED

In a full list of great class publications including Time, Newsweek, New Yorker, Esquire, Better Homes and Gardens, House Beautiful, House and Garden, Seventeen, Holiday, Redbook, Cosmopolitan, American, Atlantic, Harpers—with a tremendous audience of record-conscious readers totalling more than 45 million! Supported by a Full-Scale Promotion and Merchandising Program.

COLUMB PRECOR

First, Finest, Foremost in Recorded Music

You can see the difference!

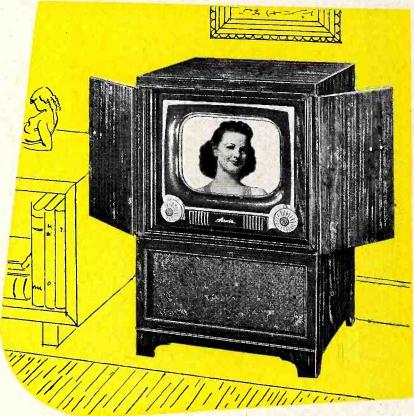
• Famous Arvin 16"
Console Model 4162 CM
\$3495
(in blond \$36995)



Never has any one television set combined such high quality and peak performance! It represents the farthest-forward progress of TV to date! Superb cabinet styling in imported mahogany veneer (or Limed Oak) with exquisitely beautiful appointments in gleaming crystal lucite

and finish-o'gold. Both share these outstanding features:

- Rectangular No-Glare Black Tube
- Gated automatic gain control for minimum picture disturbance
- Town-country switch for rock-solid stability in town or out in fringe areas
- Straight AC circuit, 26 tubes including rectifiers
- Exclusive Arvin Velvet Voice tone system
- Powerful electro-dynamic speaker
- Continuously variable tone control
- Phono-jack and built-in antenna
- Super-powered for peak performance everywhere



Arvin

"America's Distinguished Television Set"

Write for distributor's name!

ARVIN INDUSTRIES, Inc., Columbus, Indiana
(Formerly Noblitt-Sparks Industries, Inc.)

See this history-making Arvin at SPACE 441-442 American Furniture Mart — Jan. 8-19

Other models from \$129.95. Prices subject to change without notice. All prices plus Federal excise tax and warranty. Prices slightly higher in Zone 2.

All 1951 Arvin television receivers are designed for easy conversion to receive color broadcasts transmitted under established FCC standards.



ARVIN ALSO OFFERS AMERICA'S MOST COMPLETE
RADIO LINE — Prices from \$15.95 up!









Gensen Replacement Needle Chart ...

TEAR OUT THIS PAGE AND HANG UP FOR QUICK, READY REFERENCE!

POINT	3				Standard Micro Groove	Standard	Standard Micro-Graeve	Standard Micro-Greave	All Purpose:	All Purpose	All Purpose	Standard	Micro-Groom	Micro-Groove	Micro-Groove	Micro-Groove Standard	Micro-Groave	Dual			Standard	Micro-Groove	Dual	Micro Groove	Stondard	Stondard	Duat	Dual	Standard	Standard	Micro-Groove	All Purpose		ovance	Standard
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These needles are handled by all Radio Parts distributors.

A set of installation instructions is packaged with each needle.

3 Ask for them by the Jensen number indicated.



A BLUE RIBBON LINE

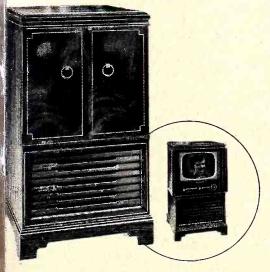


IN BLUE RIBBON STORES

Here's why the biggest stores in the biggest markets push BENDIX TV

The picture with the Billion Dollar* background

You Can
Do Business with
BENDIX



SOUNDLY BUILT-

Because Bendix Television is built to maintain one of the finest reputations in American industry, you can bank on it to maintain yours as well. Built from a background of electronic experience unsurpassed in the field, it offers you and your customers a picture that wins every comparison and a record of reliability that stands alone. Styling is in key—marked by a smart simplicity that makes a Bendix cabinet fit easily into any decorative scheme. From every standpoint, it is a line you can sell with pride and confidence.

SOUNDLY BACKED—

Because Bendix Television is a division of one of America's largest industrial organizations, you can count on Bendix to be here when keener competition has had its way with bull market manufacturers. That is why leading stores put so much selling time and advertising space behind Bendix Television. An investment in Bendix not only pays off today—its future is among the finest in the field.

SOUNDLY SOLD—

Because Bendix restricts its line to popular picture sizes and a few proven cabinet styles, it is one of the easiest lines to stock and sell. Bendix adds to this ease by maintaining stocks in a country-wide chain of warehouses, only hours away from any store. Freight prepaid to you ... quick turnover styles and prices ... and discounts bigger than many and big as any add to a profit picture that buyers call the most attractive in the industry. Get the facts—there is still room for quality dealers in a few top markets.

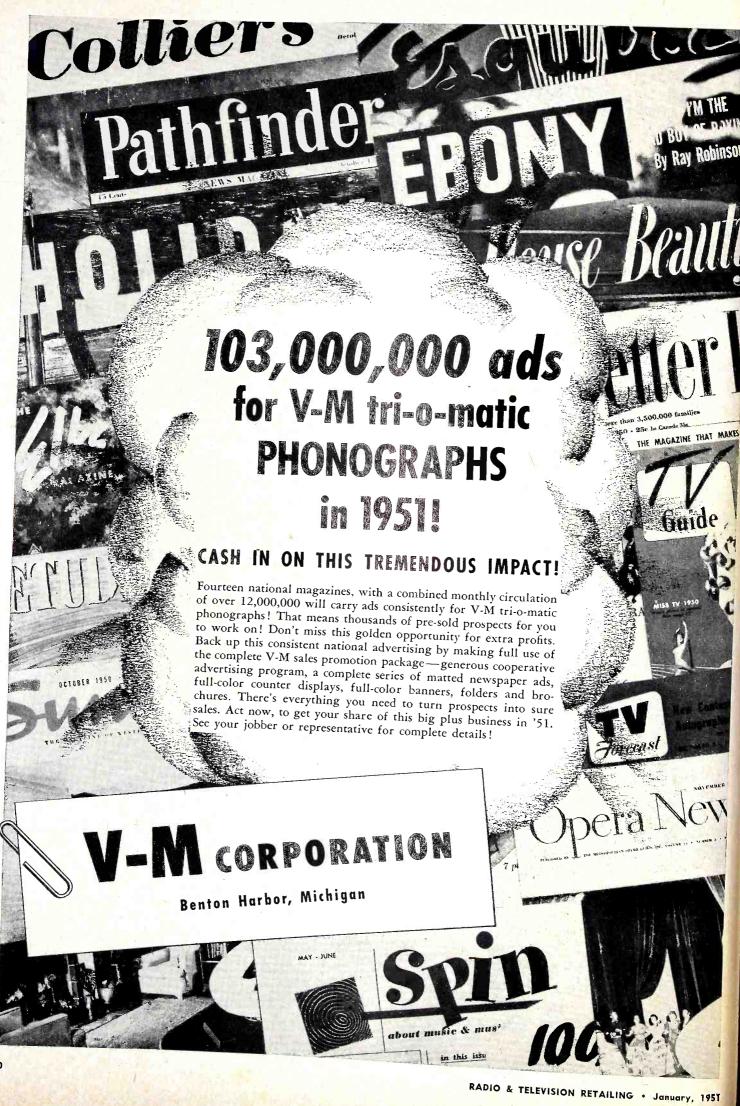
GET THE COMPLETE STORY-

VISIT BENDIX:

Space 545D, American Furniture Mart, January 8 through 18 Space 481, Western Furniture Mart, February 5 through 9

RADIO, TELEVISION, AUTOMOTIVE, RAILROAD, MARINE, AVIATION, AND INDUSTRIAL EQUIPMENT, INCLUDING ELECTRONIC DEVICES FOR SUCH ADVANCED FIELDS AS RADAR AND GUIDED MISSILES. FAMOUS FOR RELIABILITY IN EVERY MAJOR INDUSTRY, THE BENDIX NAME GIVES YOU THE FINEST PLEDGE OF QUALITY IN TELEVISION.

BENDIX RADIO TELEVISION AND BROADCAST RECEIVER DIVISION . BALTIMORE 4, MARYLAND



Tailored for Dealer Profits!

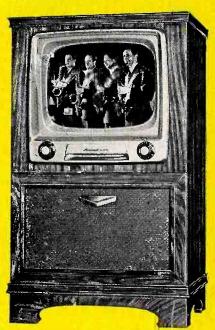
laytheon

Dependably Built for Dependable Performance

Visit us at the Furniture Market RAYTHEON DISPLAY Stevens Hotel, Room 600, 601, 601-A, January 8 to 19

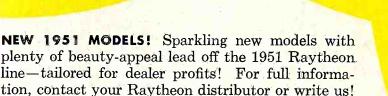
Do it now!

CEMENT OR REFUND OF MON Guaranteed by Good Housekeeping



THE STARLIGHT-Model RC-1720-17" rectangular TV, fine AM radio, all-speed record player in spacesaving mahogany cabinet, 23¾" wide, 40" high, 18¼" deep. 22 tubes, 2 rectifier tubes, 1 crystal. Keyed Automatic Gain Control and Automatic Frequency Control, built-in antenna, exclusive one-knob tuner.

NOT AS ADVERTISED THEREIN



NEW BIGGER ADVERTISING! Eye-catching 4-color ads - big, dominant pages - in LIFE, POST, GOOD HOUSEKEEPING—will be telling over 40,000,000 consumers that "You buy DEPENDABILITY when you buy RAYTHEON TV"! And you get a complete promotion package for more sales!

NEW COLOR PROTECTION! Every Raytheon TV set comes equipped so that a connector for a color adapter can be installed for a small fee. Thus you can assure your prospect that Raytheon is ready for 17: color TV when he wants it!

ATTENTION: RAYTHEON DEALERS!

The Raytheon "5-Point Plan" for increased sales, bigger profits, is now coming off the press! Complete, factual, understandable, invaluable! Watch for your copy!



THE RANCHO-Model M-1712—17" rectangular TV. Durable maraon plastic fabric-covered table madel, 19¾" wide, 19¾" high, 18" deep.



Model C-2006—big 20" rectangular TV, fine mahogany console cabinet, $26\frac{3}{4}$ " wide, 38" high, $22\frac{1}{2}$ " deep.

One Complete Price with Full Dealer Mark-Up!

To assure you full mark-up-and to simplify a sales-killing price structure -suggested resale prices on Raytheon TV will be "total" prices, including manufacturer's excise tax and liberal 1-year warranty on parts and picture tube. One of many reasons why . . .

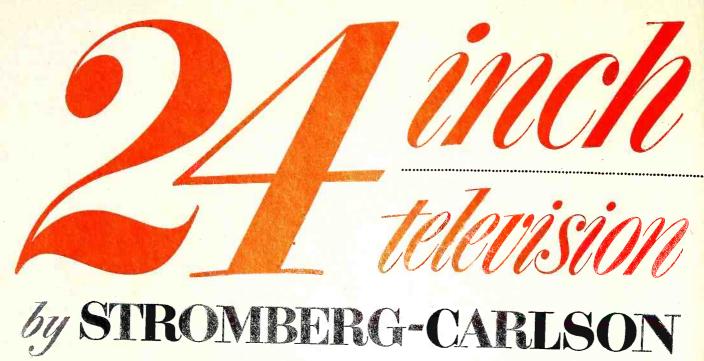
IT PAYS TO PUSH



List prices range from \$269.95 to \$695.00. Slightly higher West and South.

BELMONT RADIO CORPORATION, 5921 W. Dickens Ave., Chicago 39, III. Subsidiary of Raytheon Manufacturing Co.

NOW! Two 24's! A console and a combination with



The RADCLIFFE

Magnificent, new console... Huge 24-inch tube-356 square inches . . . as large as a full size newspaper page. Includes famous Stromberg-Carlson features - exclusive long-life tuner ... 12-inch concert-type speaker . . . special noise-free circuits. Beautiful period cabinet, mahogany veneers, completely hand-rubbed. 45%" high, 37%" wide, 23%" deep.





The STANCLIFFE

Complete home entertainment instrument that's also ideal for schools, clubs, auditoriums. 24-inch television picture . . . high-fidelity AM-FM radio . . . 3-speed automatic phonograph



... all the other famous Stromberg-Carlson engineering features. Exquisite period cabinet, decorator-designed, completely handrubbed. In Honduras mahogany veneers. 46" high, 38" wide, 26" deep.

There is nothing finer than a STROMBERG-CARLSON®

Stromberg-Carlson Company, Rochester 3, N. Y. — In Canada, Stromberg-Carlson Co., Ltd., Toronto

RADIO & TELEVISION PRADIO & TELEVISION PRADIO & TELEVISION TODAY, PRADIO &

D. H. CALDWELL, Editorial Director

M. CLEMENTS, Publisher

PRE-CHRISTMAS SLUMP IN SALES OF TV, AP-LIANCES due to number of factors including: Tightned credit controls, earlier panic-buying which satuated many homes with products, color-TV (on teleision sets); waiting by many to buy at Christmas time. hristmas season was terrific, however, and is expected o break all records.

THE CONFUSION OVER PRICES OF TV ETS which existed in stores in the pre-Christmas tarket has just about died down. While it lasted, the rice-changing business provided many a headache, as tanufacturers, always highly competitive, waited until the last minute to see what the other fellow was going do.

SINCE 1940, 13½ MILLION OLD CUSTOMERS ave died, more than 17 million marriages have taken lace and more than one-third of all present families the United States have been formed, points out the facuum Cleaner Manufacturers' Assn.

"AS THE GOVERNMENT MOBILIZATION rogram is stepped up during 1951, it is expected that hortages will become even more critical, resulting in reatly decreased television and radio production. Even ptimistic guesses place 1951 production at no more han six million television receivers—a million and a alf fewer than in 1950. On the other hand, shortages nd higher wages are certain to mean higher prices. To, even with fewer television receivers to sell, the ollar volume of sales should still be fairly high."— renjamin Abrams, president, Emerson Radio & Phonoraph Corp.

ALL OVER THE COUNTRY, DEALERS are using ncreased classified ad space trying to get experienced alesmen and technicians. Manpower situation grows nore critical daily.

WITH STEEL AND OTHER MATERIALS beoming tighter, the Appliance Mfg. Co., Alliance, Ohio,
as postponed all plans for new 1951 models of Duchess
vashers. Stating, however, that the company will not
educe its advertising or sales production, F. W. Mcrath, vice-president, said that "even though sheet
teel (as predicted by some authorities) may be tess obainable by anywhere from 25% to 45% by the middle
of 1951, there is the certainty of highly competitive
clling in a quite indefinite future."

SHORTAGE OF RECEIVING TUBES for the service trade is seen to be due not only to a general shortage of tubes, but also to the fact that the replacement market is getting a minimum from tube makers in favor of new sets. Replacement needs in 1950, estimated at between 10% and 15% of the tubes in use, were between 65 and 100 million tubes. However, only about 60 million were sold to the replacement market. With government purchases likely to increase in 1951, the service trade is likely to be worse, rather than better off next year with respect to getting tubes for repairing TV and radio sets.

EARLY WINTER STORMS IN MANY SECTIONS of the country damaged or ruined millions of TV antennas. Servicers were swamped with calls for repairs; new installations.

"WE MUST SELL HARD IN 1951," B. C. Neece, vice-president Landers, Frary & Clark, told members of the National Electrical Manufacturers Assn., at a recent meeting. He said that "It is the consensus of our members that decreased consumer demand for major appliances will be a greater factor in limiting 1951 production than will the diversion of materials to preparedness needs."

LOOK FOR CURTAILED PRODUCTION on room air conditioners in 1951, with manufacturers concentrating on refrigerators. Fairly large inventory of air conditioners now on hand, but watch it go when the hot weather sets in next summer.

"FEDERAL RESTRICTIONS OF THE USE of essential metals already are affecting the radio-television industry and in the coming year will contribute to a large reduction in the output of radio and television receivers."—Frank Freimann, president of the Magnavox Company.

USED TV SETS, ON SALE on "radios rows" in large Eastern cities, have just about disappeared; the few still left fetching fancy prices to be salvaged for parts and tubes.

SCARCE TUBES, EAGERLY SOUGHT AFTER, continue to be sold to dealers at consumer list prices, and higher. Unbranded tubes showing up in many markets.

What's Ahead! — in Radio,

THE COLOR-TV SITUATION NO LONGER an important factor at the retail sales level. Shortly after the FCC approval of the CBS system, sales did slump in many sections, and a lot of very low-priced receivers were purchased as "interim" sets. Nowadays, consumers are telling dealers they are buying to get in ahead of the possible shortages forecast in the news.

LATE XMAS BUYERS OF TV SETS bought many receivers with "temporary" installations at the last minute. It will be late this month before the majority of such sets will be permanently installed.

SEEMS LIKELY THAT 4,500,000 PHONOGRAPHS of all kinds, including those in combinations will be sold in 1951 if manufacturers can produce that number.

"SOME APPLIANCES, AND I CAN'T TELL WHICH at this time, may be off more than others. It may well be that some products may even exceed the 1950 volume they achieved." J. H. Ashbaugh, vicepresident Westinghouse Electric Corp., speaking of the year 1951.

40% REDUCTION IN PRODUCTION OF TV sets, predicted by John S. Meck, president of Meck and Scott. The shortages, Meck believes, "will create the danger of a black market in television unless all of us exert every possible control."

"EVERYONE AGREES THAT THE LACK OF ADEQUATE wiring has more to do with delaying growth of electrical service to the public, and therefore, the sale of electrical products, than any other element."—Charles T. Lawson, vice-president, Nash-Kelvinator Corp.

Today's Efficient, Ethical Distributor—

Helps his dealer in selling, advertising, financing, display and servicing

Will not dilute local markets by setting up too many outlets Will make fair adjustment of damaged.

defective merchandise

Will not sell his products to unauthorized buyers, such as consumers

Will not play "favorites", but will distribute fairly to all

Will not force unprofitable assortment deals on his retailers

Will call on dealers frequently make after-sale visits as well

Will not knowingly overload dealer

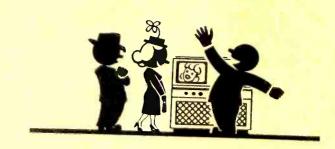
nor sell him products unsuited to locality Will give retailer advance information

on coming new models, price changes

Will thoroughly test all products before accepting them for sale to dealer

TELEVISION SETS IN USE reached 11 million by January 1, 1951. Rate of increase is very likely to slow down considerably due to shortage of sets in 1951. Stations on the air wound up the year at 107, an increase of only nine over a year ago. Network facilities, however, increased greatly during 1950, with 47 of the 63 market areas now reached by network programming.

BECAUSE OF COSTS RISING ALL ABOUT THEM, customers are spending cagily, but very few prospects say television sets are priced too high; feel that the purchase of a receiver is a sound investment from all angles.



SEEMS SAFE TO PREDICT THAT many models of TV sets, radios and electrical appliances will be available in good supply during first quarter of 1951, and that such merchandise will have to be sold. Smart manufacturers, wholesalers and dealers are going ahead with plans to keep sales promotion activities at high levels.

WITH TV NO LONGER A NOVELTY, CON-SUMERS ARE paying much more attention to such things as tone of sets, cabinetry, and additional services such as AM and FM radio, phono jacks and built-in phonographs. Though the trend is certainly toward bigger pictures, this feature alone is far from being the chief determining factor in sales.

FRB HAS MADE AN INTERPRETATION on how Regulation W applies to free-trial or demonstration activities of dealers. The Regulation requires dealers in such cases to collect the specified down-payment within ten days after delivery of the article for trial. They usually allow 30-days trial. FRB solved the problem simply from an administrative viewpoint. The dealer collects the down payment within ten days after delivery for trial or demonstration. If the customer is satisfied at the end of the 30-day trial period, the regular terms of Regulation W apply. If he is not, the dealer returns the down payment to the customer. FRB did not explain how a dealer is supposed to get the customer to put a sizable amount of cash on the line to be held in "escrow". That, presumably, is his problem.— From bulletin to dealers by The Electric Institute,

Appliances, Records and Television

OUTLOOK FOR MORE TV STATIONS IN 1951 IS DIM. Although FCC most likely will life the freeze and allocate new permits, shortages of materials will probably slow down (if not altogether prohibit) construction. This means that UHF will probably not be an important factor for some time to come. Color TV, if it emerges from legal snarls, will also be stymied by shortages, is likely to be deferred "for the duration."

ALL SALES RECORDS WERE BROKEN in 1950 in merchandising electric coffeemakers of all types—glass and metal. 4,000,000 units were sold at a retail value of \$60,000,000.

"MUCH HAS BEEN SAID ABOUT THE NECES-SITY for curtailment of consumer credit which should result from reinstatement of Regulation W. The fact is that recent statistics of the Federal Reserve Board show that the total volume of consumer credit outstanding was less in proportion to the total volume of retail sales than in 1941."—A. E. Duncan, chairman of the board, Commercial Credit Co.

"WITH TELEVISION PARTS SOON TO BE-COME SCARCER than they already are, the person lucky enough to own a set may well become an object of envy in 1951."—Frank A. D. Andrea, president, Andrea Radio Corp.

RTMA COMMITTEE WANTS SINGLE PARTS SHOW. A resolution by the RTMA parts division executive committee favors the holding of a single cooperative, not-for-profit trade show for distributors in 1951 and thereafter. Says Jerome J. Kahn, president of the Radio Parts & Electronic Equipment Shows, Inc.: "I am sure that within the present framework of our Show Corporation, with its representatives of both supplier and distributor trade groups, and with the whole-hearted support and cooperation of all these sponsoring associations, the industry can continue to conduct the Show along the lines endorsed in the RTMA resolution."

THE AUTOMATIC TUMBLER DRYER, for drying the family washing indoors, does more than banish the clothesline. More important, fundamentally, it takes the weather, once and for all, out of the question of whether it is going to be possible to do the washing on any particular day.—Dallas Times Herald.

MAIN REASON DEALERS GRIPED SO ABOUT the pre-Christmas sales slow-down is because many cannot cope with such slumps, even though they are of short duration, because of large overhead due to increased costs of doing business.

NEDA SHOW SCHEDULED FOR AUGUST. Convention chairman, Louis W. Hatry has announced that the NEDA jobber show will be held in Cleveland on August 28, 29 and 30. Mr. Hatry has disclosed that 48% of last year's exhibitors have indicated that they want the same space for '51. He says that the majority of these have asked for additional space.

"IF YOU NEED ANYTHING MADE OF METAL, buy it right now!", advises George H. Scott, president, Vacuum Cleaner Mfrs.' Assn., and president Scott & Fetzer Co. "As we come to the end of 1950, the question is whether production of automatic washers will be so limited by availability of materials as to drop behind our industry's sales pace or whether, conversely, the effect of installment curbs and other influences will contribute to a buyers' market. The depth and magnitude of the armament program will give the answer."—Parker H. Ericksen, chairman automatic washer div., American Home Laundry Mfrs.' Assn.

PHONOGRAPH PLAYERS AND CHANGERS were manufactured in greater numbers during 1950 than any previous year. Three speeds, originally said to have caused "confusion" and slow down in the record business, are actually seen to have spurred business. This is partly due to the fact that many people who had stopped buying records and allowed their old



changer to fall into disrepair, decided to give discs another whirl when they heard about the advantages of the new ones. Although about 10 manufacturers are known to make lion's share of players and changers, it is estimated that about 400 brand names appear before the public on players and combinations.

FUTURE EVENTS OF INTEREST TO READERS

Jan. 14-17: Annual Convention of the NARDA, Stevens Hotel, Chicago, Ill.

Jan. 18-25: Annual January Housewares Show, Navy Pier, Chicago, III.

Feb. 5-8: Automobile Accessories

Show, Grand Central Palace, New York, N. Y.

Feb. 5-9: Western Winter Market, Merchandise Mart, San Francisco, Calif.

Mar. 19-22: IRE Annual Convention, Hotel Waldorf-Astoria and Grand Central Palace, N. Y.
May 21-23: 1951 Parts Distributors
Conference and Show, Stevens
Hotel, Chicago, III.

Aug. 29-31: Pacific Electronic Exhibit, Civic Auditorium, San Francisco, Calif.

More best-sellers join the RCA VICTOR MILLION PROOF Television

New Picture Pick-up, other features are
your assurance of fastest turnover

Yes! The new RCA Victor "Million Proof" line offers better-than-ever sales opportunities. Every set has the new RCA Victor Television Pick-up for best possible reception . . . anywhere!

The RCA Victor Eye Witness Picture Synchronizer promises steady screen image—actually "locks" picture in place.

In sound, too, RCA Victor is tops! Hear the models with Extended Tone Range. It provides truer, more realistic listening.

The "Golden Throat" tone system—unsurpassed for beauty and clarity—balances all parts exactly.

And don't forget the beautiful cabinetry that goes into all RCA Victor television sets. Your customers actually get fully finished mahogany at no additional cost!

It all adds up to the surest-selling, fastest-turnover television line you can promote: the RCA Victor "Million Proof" line.



The Winston. Attractive new combination. Has both "Million Proof" television and a "Victrola" 45 phonograph.



The Fairfax. "Million Proof" television plus AM radio, "Victrola" 45 record changer and a 33½-78 changer.



The Provincial. Popular version of a successful style. Provincial-style cabinet houses "Million Proof" television.



The Regency. Richly-finished console. Clear, steady "Million Proof" television with pictures "locked" in place.



The Hartford. "Million Proof" television, AM-FM radio, "Victrola" 45 changer and a 331/3-78 changer. Extended tone range.



The Kent. The different television—in a convenient furniture ensemble. Sharp, steady "Million Proof" pictures.



The Highland. Console shows "Million Proof" pictures to best advantage. All in finely styled cabinet.



The Bentley. Attractive table model, lowest-priced RCA Victor "Million Proof" television.



The Newport. RCA Victor table model for real value. Sparkling "Million Proof" television.



The Hillsdale. Console houses big "Million Proof" pictures. Superb cabinetry.



a 331/3-78 changer.



The Rutland. "Million Proof" television, AM-FM radio, "Victrola" 45 changer, 33 1/3-78 changer. Extended tone range.



The York. RCA Victor's largest screen size in a compact table model. Matching Consolette base is optional, extra. 19-inch.



The Northampton. English style cabinet makes beautiful furniture. Console has clear "Million Proof" television.



The Kingsbury. Console, modernly styled. "Million Proof" pictures are actually locked in place ... clear and steady.



The Sedgwick. Television, AM-FM radio, "Victrola" 45 changer -33 1/3-78 changer. Extended tone range. 19-inch.



The Modern. Console. Cabinet swivels on base, offers best "Million Proof" television view from any angle.

DIVISION OF RADIO CORPORATION OF AMERICA



RCA /ICTOI

ONLY RCA VICTOR HAS THE "GOLDEN THROAT"

ONLY RCA VICTOR MAKES THE "VICTROLA"

"Victrola"—T. M. Reg. U. S. Pat. Off.

RCA VICTOR-World Leader in Radio...First in Recorded Music...First in Television

Industry Statistics on Radio, Television,

Data Covers Year Ended December 31, 1950

\$1,500,000,000 2,500,000,000 496,000,000	135,000 200,000 *40,000 17,000	Payroll \$ 280,000,000 600,000,000 260,000,000 60,000,000 †1,000,000,000
	\$1,500,000,000 2,500,000,000 496,000,000	2,500,000,000 200,000 496,000,000 *40,000

^{*} Regular staff—not including part-time employes, artists, etc., who number at least 20,000 more.

PRODUCTION OF CIVILIAN RADIO SETS - 1922 TO 1950

	Total Ci Sets Ma Number	vilian Radio nufactured Retail Value	Manu	ilian Tubes factured		nobile Sets Ifactured	Total Radio Reception Equipment	Auto Sets in Use	Homes with Radio Sets	Total Radio Sets in Use in U.S.	Clos
1922 1923 1924 1925 1927 1928 1929 1931 1931 1932 1933 1934 1935 1936	100,000 550,000 1,500,000 2,000,000 1,750,000 3,281,000 4,428,000 3,827,800 3,420,000 3,000,000 3,806,000 4,084,000 6,026,800 8,064,780	\$ 5,000,000 30,000,000 165,000,000 165,000,000 168,000,000 400,000,000 300,000,000 225,000,000 140,000,000 214,500,000 330,192,480 450,000,000	1,000,000 4,500,000 12,000,000 20,000,000 30,000,000 41,200,000 52,000,000 52,000,000 44,300,000 58,000,000 71,000,000 98,000,000	12,000,000 36,000,000 48,000,000 58,000,000 67,300,000 110,250,000	34,000 108,000 143,000 724,000 780,000 1,125,000	\$ 3,000,000 5,940,000 7,150,000 28,598,000 28,000,000 54,562,500	Value \$ 60,000,000 151,000,000 358,000,000 506,000,000 425,600,000 842,548,000 496,432,000 300,000,000 200,000,000 350,000,000 370,000,000	100,000 250,000 500,000 1,250,000	14,000,000 16,809,562 20,402,369 21,456,000	Number 400,000 1,100,000 3,000,000 5,700,000 7,000,000 10,500,000 15,000,000 18,000,000 18,000,000 22,000,000 22,000,000	1922 1923 1924 1925 1926 1927 1928 1929 1931 1932 1933 1934
1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 948 949 950	5,000,000 10,500,000 11,800,000 13,000,000 4,400,000 500,000 14,000,000 17,000,000 10,000,000 14,000,000	450,000,000 210,000,000 354,000,000 450,000,000 154,000,000 700,000,000 700,000,000 700,000,0	91,000,000 75,000,000 91,000,000 115,000,000 130,000,000 22,000,000 22,000,000 220,000,00	85,000,000 93,000,000 114,000,000 115,000,000 143,000,000 19,000,000 25,000,000 25,000,000 200,000,000 230,000,000 35,000,000 615,600,000	1,412,000 1,750,000 800,000 1,200,000 1,700,000 2,000,000 350,000 1,200,000 2,500,000 2,800,000 3,500,000 4,060,000	69,188,000 87,500,000 32,000,000 48,000,000 70,000,000 12,250,000 150,000,000 200,000,000 240,000,000 261,874,000	500,000,000 537,000,000 375,000,000 584,000,000 610,000,000 75,000,000 85,000,000 105,000,000 1,100,000,000 1,500,000,000 1,500,000,000	5,000,000 6,000,000 6,500,000 8,750,000 8,750,000 8,000,000 7,000,000 7,000,000 7,000,000 11,000,000	24,600,000 28,000,000 28,700,000 29,700,000 30,800,000 32,000,000 332,000,000 34,000,000 35,000,000 37,000,000 637,000,000 640,000,000	30,500,000 33,000,000 37,600,000 40,800,000 51,000,000 51,000,000 59,340,000 17,000,000 17,000,000 17,000,000 16,000,000 16,000,000 16,000,000 16,000,000	1935 1937 1937 1938 1940 1941 1942 1943 1944 1945 1948 1948

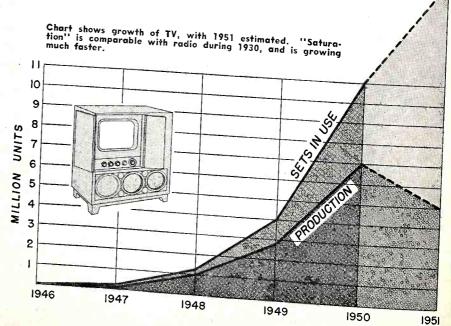
Figures for sets give value with tubes in receivers. Whereas in normal years, replacement tubes have run 25% to 40% of total tube production, the figure for replacement is currently between 15% and 20%. All figures are at retail values. (Statistics Copyrighted by Caldwell-Clements, Inc.)

TV Receivers Sold During 1950

Table models	3,570,000 2,730,000
Combinations with phono	140,000 560,000
Total	7.000.000

TV-Receiver Sales 1946-1950

	Number	Retail Value
1946	10,000	
1947		
1948	1,000,000	350,000,000
1949	3,000,000	950,000,000
1950		2,149,000,000
Total to date	11,260,000	\$3,554,000,000



[†] Annual operating expense for listeners' sets, for tube replacements, electricity, servicing, etc.

Service, Parts, Phono Records

ANNUAL BILL OF U. S. FOR RADIO-TV

Sales of time by broadcasters, 1950\$	496,000,000
Talent costs	80,000,000
Electricity, batteries, etc., to operate 101,000,000	380,000.000
14,000,000 radio receivers, at retail value	650,000,000
	2,149,000,000
Phonograph records 199,000,000	226,000,000
Radio repairs and supplies:	
60,000,000 replacement tubes	96,000,000
Radio-TV parts, accessories, etc	200,000,000
Labor	250,000,000

RADIO AND TV SETS IN U. S.; WORLD

Jar	nuary 1, 1951
United States homes with radios	45,000,000
Secondary sets in above homes	24,000,000
Sets in business places, institutions, etc	4,000,000
Automobile radios	17,000,000
TV Sets	11,000,000
	-
TOTAL sets in the United States	101,000,000
Total radio sets in rest of world:	
North America, 7,000,000; South America,	
7,000,000; Europe, 61,500,000; Asia, 12,000,-	
000; Australia, 2,500,000; Africa, 2,000,000	92,000,000
TOTAL sets in world	193,000,000

GENERAL STATISTICS - AS OF JANUARY 1, 1951, THERE WERE:

\$4,527,000,000

LICENSED RADIO STATIONS

Total AM Broadcast Stations Operating	259
Total FM Stations Operating	680
Total Television Stations Operating	107
Population Served by TV Programs January 1, 195195 million pec	ple
Total special service stations: marine, aeronautic, railroad,	
industrial, public safety, mobile, etc	000
Radio operators licensed	,000
Amateur stations 88	000

Total turntables in use as of January 1, 1951:

78 RPM only	15,400,000
33 RPM only	
45 RPM only	
78-33 RPM	
3-Speed	2,600,000
TOTAL in use	21,915,000

1950 PRODUCTION OF RADIO, TV, FM, PHONOGRAPHS, RECORDS, RECORDERS, TUBES, ANTENNAS

TELEVISION

Total Units 7,000,000 Retail Value \$2,149,000,000



PHONOGRAPHS

(Players; combinations)
Total Units 5,750,000



RADIO

Type	Number Units	Retail Value
Table	6,770,000	\$147,586,000
Console	1,210,000	162,140,000
Portable	1,960,000	78,400,000
Auto	4,060,000	261,874,000
	44	· Silver

Total 14,000,000



RECORDS

Total Units 198,886,500 Retail Value \$226,131,200

HOME RECORDERS

(Wire, Tape, Disc)
Total Units Retail
250,000 \$50,0

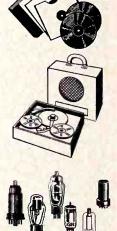
Retail Value \$50,000,000

TUBES

Total Units 380,000,000 Retail Value \$615,600,000



Retail Value \$125,000,000



Television, AM. JM. Records, Phonographs,

TV SALES FOR 1951

(Estimated)

Retail Value \$1,500,000,000

(Including tax and warranties)

RADIO

(Estimated for 1951)

All receivers, including AM, FM, combinations, table models, midgets, auto radio & portables: 8,000,000 units, at a retail value of \$400,000,000

PHONOGRAPH RECORDS

(Estimated sales for 1951)

184,000,000 units at a retail value of \$258,000,000

ELECTRICAL APPLIANCES

(Estimated for 1951)

 Refrigerators
 4,550,000 @ \$1,245,000,000

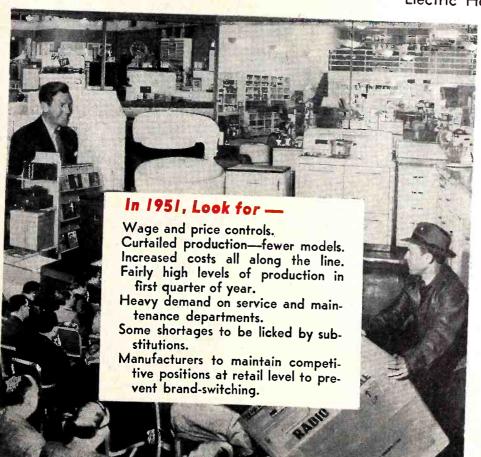
 Freezers
 555,000 @ 192,295,000

 Washers
 3,325,000 @ 586,000,000

 Ranges, el.
 1,400,000 @ 345,000,000

 Vac. cleaners
 2,600,000 @ 155,000,000

 Electric Housewares
 30 to 45% below 1950



SERVICE OF HOME RADIO & TV SETS INCLUDING COMBINATIONS, PHONO PLAYERS AND AUTO RADIOS

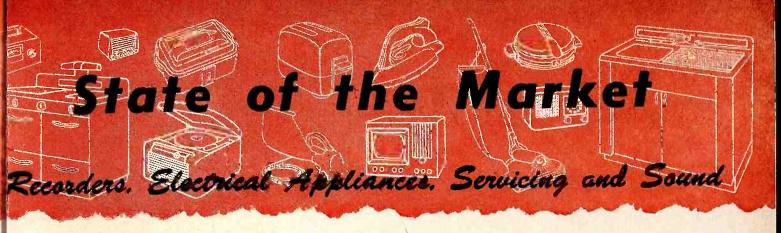
(Estimated for 1951) \$275,000,000

TV SETS IN USE

End of 1951 15,000,000

HOME RECORDERS

(Estimated sales for 1951)
All types, wire, tape, disc:
150,000 units, at a retail
value of \$28,000,000



Looking Ahead at the New Year

Every business man in this field, vhether he's a manufacturer, a wholealer or a dealer is in line to face nany a tough problem in 1951. Beause the entire picture is changing laily, with new shortages and bottlenecks cropping up every day, the man who wants to plan for the future is ip against something like trying to agure out what "The Thing" is. It's really baffling, and the situation wasn't clarified in the least by the ate November lag in sales at the reail level in the very face of what appeared to be almost certain shortages lead ahead. While it's true that Christmas business really went over he top this year to break all records. t's equally true that fairly large inventories of some products were carried over into the New Year.

The business men who hrough 1950 with its summer slump, scare-buying spree, late Autumn sales slow-down, and such things as the color-TV decision, the stiffened Reguation W, the excise tax and whatnave-you are now facing another paradoxical situation. It's like this: On the one hand, it seems certain that many products will be in short supply before '51 ends. On the other hand, dealers everywhere are finding out that they have to sell to move merchandise in what may be presently described as a lukewarm demand market at the consumer level.

Shape of Things to Come

But 1950's business is water over the dam. '51 is the year ahead, so let's set down some of the things that appear now as being more than likely to happen in this New Year of ours:

For one thing, there will be fewer models in lines of TV sets, radios, and electrical appliances as more material goes for our national defense.

For another, there will be price increases as costs of raw materials and labor mount. (Unless, of course, we get price and wage controls.)

Production of radio-TV products and appliances may continue at fairly high levels during the first quarter of the year, and will be bolstered by partly finished and finished products carried over in inventory from the previous year.

Barring radical changes in present defense demands, or more acute shortages of certain materials, we can probably produce 5,000,000 television receivers; 8,000,000 radios.

It is estimated, that over the whole picture, electrical appliance production will be cut by about 30%, and this cut will not be evenly distributed among products, as some will exceed that figure; others will drop below it. Some manufacturers believe that certain units will be made in numbers exceeding the 1950 rate.

At the retail sales level, production, such as that estimated in the foregoing paragraphs is big business in anybody's language, and if such high rate of manufacturing can be maintained, dealers will find it necessary to sell aggressively because they will probably run into resistance to high prices, and other factors such as rising costs of living, strict credit controls and higher taxes.

Already, leading manufacturers are making drives to maintain competitive positions in the consumer market, trying to retain good merchants who will sell actively. Recalling the wave of brand-switching which went on after World War II, manufacturers are continuing heavy advertising campaigns, and hanging on to the desirable retail outlets they now have, and are seeking new ones as well.

Service requirements will be very large in 1951, with retailers finding it increasingly difficult to get good mechanics; adequate replacement parts. As with manufacturers, dealers will be able to lick many shortages by substitutions of materials and replacement parts. As defense effort increases, heavy demands will be placed on PA and inter-com equipment installation and maintenance services.

In these critical times, national defense comes first. Each must do his part. The grave situation we are facing calls for courage, sacrifice, increased effort. And it also calls for the maintenance of public morale in serving consumers, and in keeping business on a sound economy. Defeatist attitudes will get us just nowhere as we face the New Year with its many uncertainties. The same good old American Spirit which has carried us through so many emergencies in the past will bring us through the present one as well.



Electrical Appliance Production Statistics for 1950

Estimated by RADIO & TELEVISION RETAILING for 12 Months Ending Dec. 31, 1950. Figures Are Totals for Industry

LARGE APPLIANCES	Total No. of Units	. Total Retail Value '50	ELECTRIC HOUSEWARES	Total No. of Units	Total Retail Value '50
REFRIGERATORS (Household Electric) Sizes from less than 5 cu.	6,500,000	\$1,780,000,000	BLANKETS, ELECTRIC	600,000	\$18,000,000
ft. to 13 cu. ft. and over FOOD FREEZERS (Home, Farm)	925,000	320,125,000	CLOCKS, ALL TYPES	8,000,000	3,000,000
AIR CONDITIONERS (Compressor types)	550,000	90,000,000	(Metal-glass—automatic and non-automatic)	4,000,000	60,000,000
LAUNDRY EQUIPMENT Washers, Automatic 1,800,000 \$450,000,000			HEATERS, SPACE, ELECTRIC (with and without fans—		61,000,000
Washers, non-automatic (wringer, spinner) 2,800,000 \$383,000,000			portable) HEATING PADS	1,800,000 2,000,000	15,000,000 12,000,000
Washers, midget 125,000 \$4,250,000 IRONERS		837,000,000	HOT PLATES IRONS, HAND (Automatic, non-automatic,	900,500	4,600,000
CLOTHES DRYERS RANGES, ELECTRIC		52,000,000 84,000,000	francis I i is	8,000,000	88,000,000
(Household, portable, non- portable)	2,000,000	490,000,000	MIXERS, FOOD	1,800,000	20,000,000 55,000,000
VACUUM CLEANERS (Hand and uprights, tanks) DISHWASHERS	3,700,000	222,000,000	TOASTERS Automatic 4,500,000	400,000	16,000,000
DISPOSAL UNITSWATER HEATERS	350,000 300,000	84,000,000 40,500,000	Non-automatic 500,000 5 WAFFLE IRONS, SANDWICH GRILLS	5,000,000	100,000,000
Domestic (all sizes)	1,300,000	165,000,000	(Including "Com-binations")2,	,500,000	37,500,000

ROSTER OF APPLIANCE MAKERS (Number in business as of Jan. 1, 1951)

Refrigerators	21 Dusiness as of Jan. 1, 1951)
Food Freezers Vacuum Cleaners (Including private brands) Ironing Machines Ranges, Electric	Washing Machines 45 Disposal Units 49 Dishwashers 19 Broilers 11 Food mixers 20



Every way you look at it, the Revere Tape Recorder scores top marks! Dealers everywhere are quickly recognizing the advantages of adding this sensational sales-producer to their present lines. Not only does it provide a new source of extra profits, but as a new business stimulant and creator of live store traffic, it has few equals. No wonder dealers from coast-to-coast, reporting phenomenal sales, are so enthusiastic about this remarkable equipment.

A tremendous market of live prospects

Every day, more and more people are discovering the many advantages of owning a Revere Tape Recorder. The fun of recording children's voices and home talent ... adding music and commentary to home movies ... capturing radio programs for future enjoyment. Schools, churches, and

REVERE RECORDER-RADIO COMBINATION

Tape recorder plus a glorious toned radio. Programs can be recorded from radio by mere turn of a switch—no cords to connect. Powerful circuit, built-in antenna.

Model TR-200 *20950 complete



clubs—business and professional people—musicians and students—all are your prospects!

Single demonstration sells it!

There's magic in a demonstration of the Revere Recorder. Your customers will enjoy hearing their voices in crystal clarity, marvel at such outstanding features as the fast rewind and forward speeds...eraseable, re-usable magnetic tape . . . easy-to-operate controls . . . time and footage indicator . . . and powerful, constant speed motor. Every inch a professional instrument in appearance and performance—yet remarkably low-priced. A single demonstration is often all that is necessary to register an immediate sale.

Capture your share of extra-profits from this wide-open, fast-growing market by featuring Revere Magnetic Tape Recorders now. Write for complete information.

REVERE CAMERA COMPANY · CHICAGO 16

Revere

Magnetic Tape

RECORDERS

Satisfied Customers Help Business Grow

How One Dealer Built Up a Thriving Radio-TV-Appliance Store



Refrigerators and TV sets share sales floor at Yonkers Radio, Yonkers, N. Y.

• From a radio repair shop with used records as a side line, to a prospering radio-TV-appliance business grossing sales of about 150 thousand dollars a year is the success story of Yonkers Radio of Yonkers, New York.

When Theodore Halmos started Yonkers Radio eight years ago, he was a one-man business, doing radio and appliance repairs and selling used records. Gradually, Halmos built up his business, first acquiring some new record franchises, then adding a few radios. Then television sets were added, along with refrigerators, washing machines, ironers, vacuum cleaners, and small appliances.

This record of steady growth was made possible by a steadily growing

list of satisfied customers and an ever expanding reputation for good service. A member of veteran's and civic organizations, ex-GI Halmos used his personal contacts to gain leads and sales. Adding some nearby religious organizations and church groups to his list of satisfied customers led to further sales. His goal was not merely to gain new customers, but also to keep well statisfied those he already had. Customers successfully held became continuing sources of leads through their recommendations to their friends. Rather than a steady "stream" of customers, Halmos developed an ever expanding "pool," always holding and re-serving his old customers.

> Below, left: New noreflection store front puts the whole store "in the front window." Inset shows front of old Yonkers Radio store. Below, right: Ample show permits easy viewing of sets.

In all these activities, Halmos' easy smile and sincere manner did much to win new customers. His convincing sales talks, too, have contributed much. It doesn't take long to realize that Halmos knows what he's talking about, and, as he himself says, "If you know your business well, you can't help but make it successful."

Helping his convincing manner is the fact that Halmos carries only those lines in which he himself has complete confidence. With customer satisfaction playing such an important part, he feels that the first neces-

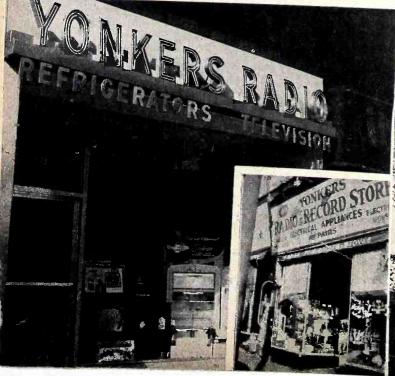


Owner Halmos (at left) uses office at rear of store while Mrs. Halmos does the bookkeeping.

sary step is to sell the customer an item which will really give him the satisfaction he desires. When selling a product in which he himself has confidence, Halmos can give it his "personal recommendation," and mean it; and because he has taken pains to gain a reputation for satisfaction, this "personal recommendation" carries a lot of weight.

Invaluable aid is also supplied by his wife, who not only keeps the books and records straight, but is on hand to present the woman's viewpoint for

(Continued on page 90)

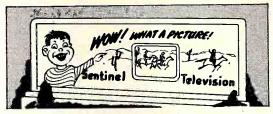




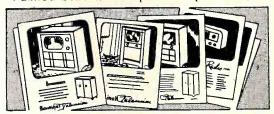
TWO-FISTED JOSPERAtion



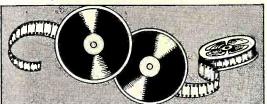
Newspaper advertisements that pull'em in!



Painted bulletins with powerful punch-lines!



Catalogs and spec sheets that close sales!



Radio, movie and TV announcements!



Folders that develop leads and win prospects!



Displays that tease, tempt and stop traffic!



Service Calls!

Promotions that Pack
Real Sales

Walley

Sentinel is profitable far beyond its obvious good markup and freedom from price footballing—because "Sentinel sets SNUB service calls" is far more than a catchy slogan. Dealers in your own "neck of the woods" (ask your Sentinel distributor for their names) will tell you it's a proved profit FACT. It makes Sentinel a money-maker for you.

And there's an array of hard hitting merchandising material that has a terrific impact and will drive customers into your store. All of the sure, sound, profitable promotion and publicity material to produce sales for you.

For complete details, contact your Sentinel distributor, or Sentinel direct, IMMEDIATELY!

Sentinel Radio and Television

Sentinel Radio Corporation, Evanston, Illinois

Disc Sales Upswing in '50, '51

Phonograph Boom Paces Accelerated Tempo of Platter Sales—New Speeds Show Gains

• It's not so long ago that many people were ordering the large economy-size funeral bouquet for a dying phono record industry, as a decline in disc sales coincided with the first bloom of TV.

Taking a new lease on life, however, disc sales in 1950 surpassed 1949 and almost reached the level of 1948, to prove that "it ain't necessarily so" that TV would mean the demise of records.

To those who really had confidence in the vitality of this home entertainment medium, the news comes as no surprise. In the past 50 years, the American people have absorbed several new entertainment mediums, each of which was alleged to be able to supplant all of its predecessors.

There is an important point for consideration in this connection, and that is that the record-phonograph industries had never "saturated" the country. Unlike radio, which had wormed its way into over 90% of U. S. homes (24 million of which have more than one), the phono industry still had and has new worlds to conquer.

Furthermore, as some discerning figures in the industry had deduced, TV was not the only thing wrong with record sales. The records themselves could stand improvement. We

have had considerable improvement recently and, with 30 months of 33's and about 21 months of 45's, the results speak for themselves. It has come about as we said in these pages in January 1949, speaking of the three speeds, "Though the situation is widely viewed with irritation and alarm, it may, after all, prove to be the shot in the arm that the record business needs."

We do not mean to imply that the new speeds are the only factors involved. Strangely enough, the intense promotion given to the new speeds also improved business on the old speed. This is, first of all, because this promotion made the public conscious of records, stimulated store traffic. Secondly, it also brought about some improvements in 78's, both as to tonal fidelity and to the incorporation of materials which resist breakage.

Children's Records Ahead

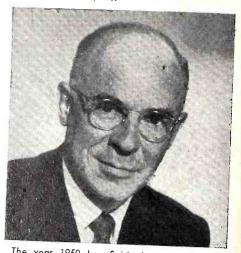
Another factor which has been important in records is the growth of the kiddie disc field. More record firms have gone after this business, more and better material is being put on records, more promotion is being directed at the kiddie market, and more dealers are taking advantage of the salability of this type merchandise.

As a result, not only have more children's records been sold, but also more kiddie phonographs. Naturally, the more phonographs in homes, the more records that can be sold; and also, naturally enough, kiddie phonographs will also play adult records. We have mentioned the importance

We have mentioned the importance of kiddie records to the sale of kiddie phonographs. Similarly, the two new speeds have generally stimulated the

Sees Very Strong Record Year in 1951

A statement from Edward Wallerstein, president, Columbia Records, Inc.



The year 1950 has finished very strongly for Columbia Records and, conditions beyond our control permitting, we look forward to a very strong year in 1951.

All types of instruments to play records are still in great demand and apparently in short supply. This is, of course, encouraging and supports our ideas as expressed in the first paragraph.

sale of players, changers and combinations. A tremendous conversion problem faced the industry and the public two years ago, with practically nothing but 78 record-playing equipment in homes. As the public has become interested in the long-playing records, and the compact 45's, they have turned to 3-speed players and changers in large numbers.

As a matter of fact, 1950 was the biggest year that the phonograph industry has had since the introduction of electric phonographs, and possibly the biggest ever. Almost 6 million players, changers and combinations went into U. S. homes last year, of which about 4½ million are able to play one or both of the two new speeds

It is obvious that this factor was important in selling a lot of records last year, and will also be important this year.

Coexistent with the accelerated

1951 Looks Like Another "Record" Year for the Disc Industry

By Paul A. Barkmeier, vice-president and general manager RCA Victor Record Department.



Barring fluctuations in supplies of raw materials, brought on by changing world conditions, the outlook for the phonograph record industry in 1951 is excellent.

· According to statistics compiled by RADIO & TELEVISION RETAILING magazine, which appear elsewhere on these pages, the record industry during 1950 achieved a sales volume in ex-

cess of \$226 million dollars. This represents an appreciable increase over the previous year.

The new year should produce an even greater volume for several reasons. A great new market, demanding more and more records prepared specifically for the younger record fans, is rapidly developing.

Typical of the growth of this market is the jump in RCA Victor sales of children's records from 3.5% of the company's total record volume in 1949 to 10% of the total in 1950.

Another factor is that there will be more television sets going into homes this year. Television, by virtue of its mass dissemination of music, is rapidly joining radio as one of the best friends record dealers have. This is indicated by the parallel increase in television and phonograph record sales for 1950 over those of 1949.

We believe, too, that in the next 12 months the 45-RPM record-playing system will make great gains toward its ultimate goal as the standard system for the vast majority of record buyers. Last year, according to the statistics referred to above, 35% of all records sold were 45-RPM records. The conventional 78 RPM records accounted for 57.5%. Considering the growing wealth of talent now available on the '45" disc, and the fact that the '45" system will soon begin to receive considerable support from the operators of coin phonographs, we believe it very likely that those percentage figures will be reversed by this time next year.

1950 Production Figures Records and Phonographs

	Units		Dollars	
Pops	130,560,000	(66%)	\$130,297,860	(57.
Classica	30,826,500	(15%)	67,708,340	(29.
Kiddie		(19%)	28,125,000	(12.
Total	198,886,500		\$226,131,200	
Detailed	Breakdown in unit	s		
· F	op singles, shellac		61,282,000	
	op singles, 45		36,878,000	
	op albums, shellag		19,299,000	k .
	op albums, LP			
	op albums, 45			k .
	Classic albums, she	llac	10,410,000	**
	Classic albums, LP.		10,416,500	
	Classic albums, 45			**
	(iddie, shellac			
	Kiddie, 45			
1	Total	المراجعة المراجعة	198,886,500	

^{*}Indicates total number of records in these albums; actual number of shellac albums is 6 million, of 45 albums 3 million.

Breakdown by Speeds			
33-1/3 14,416,500	units	(71/2%)	***
45 71,078,000		(35 %) (57 ¹ / ₂ %)	
78113,392,000	al.	(571/2%)	

198,886,500 Total

PHONOGRAPH PRODUCTION 1950

Single play 78 RPM only	1,200,000
Single play 3-speed	800,000
33-1/3 players and changers	300,000
3-speed changers	1,450,000
45 RPM changers	2,000,000

5,750,000

For total turntables in use, see page 39

pace of sales in 1950, several record companies instituted favorable return 'deals" which encouraged dealers to get a lot of dead wood off their shelves, and put them into a more favorable position for stocking salable merchandise and improving their profit position.

A Look at the Future

Even if it weren't for the war, a forecast for this year would present difficult questions, due to the three speed situation. In 1950, 78 RPM lost considerable ground to both 331/3 and 45 unitwise and dollarwise. In the dollars category, 78's got just about half the money.

So the trend is well established (away from 78's), and the large sales of 3-speed instruments in '50 make it certain that this trend will continue. It's just a question of how long the transition will take. We do not believe that the complete elimination of 78's will come in a hurry. It is usually the case in a situation like this that the initial gains are high, and then the rate levels off somewhat as different levels of the buying public are attacked. It is likely that 78's, which accounted for almost 60% of the units in 1950, will be still as much as 40% in 1951; that they will cease to be an important factor in the sales picture by 1953.

As for 45's and 33's, the former will predominate due to the nature of their recorded material. That is, 45's are a more natural replacement for 78's in the pop single field, which is lways the lion's share of the business. 33's seem to be fairly well entrenched in the album field, to which the single record with up to 45 minutes of recording time is especially suited. Although it appears that

classical music has been cutting a bigger swath since LP's first were introduced, it is obvious that pops will always be tops. Therefore, there will be more 45's sold than 33's, unitwise; and as 45's encroach more and more on 78's, they will also assume a dominant position dollarwise. We feel, however, that the long-playing records will continue to dominate the classical field. As for the 7-inch 33's, it seems apparent that the public has not yet accepted them in the pop field with the sort of enthusiasm with

which they have bought forty-fives.

So far, we have been forecasting the nature of the business this year, and not the extent of it. We believe that, had it not been for the war, record and phono sales would have continued on the increase this year.

Phonograph production will, however, be cut back due to restrictions on the use of copper, aluminum, etc. How much of a cutback, of course, nobody knows, but if it were as much as 50% it would still make a pretty
(Continued on page 63)

1950 A Banner Year for Decca; Optimistic Outlook for 1951

A statement from Milton R. Rackmil, president Decca Records, Inc.



Early in 1950 I made the statement that I viewed the future of the record industry with definite optimism. At year's end, it became obvious that, if anything, I underestimated the potentialities. For Decca in 1950 enjoyed one of its banner years. From dealers all over the country we have received the same comment, namely, Decca continues to maintain its reputation as the producer of America's fastest selling

We're gratified to hear these comments, because Decca has always had the utmost consideration for the dealer. We know his problems, and we strive at all times to help him. We have never attempted to overload him with merchandise nor have we forced him to carry burdensome inventories. This policy will not change.

But what about 1951? Will the business continue its upsurge? Will it remain in its present healthy state? What will be the effects of world entanglements? These are the questions, naturally, that are being asked by America's many record dealers. Well, I have never been accused of being a star-gazer. My personal feelings are based solely on facts. 1950 saw the sale of some 5,000,000 phonographs. This certainly was one of the industry's greatest years in that respect. It means that a vast new record market has been created. This new group of record buyers plus the fremendous market created in past years should mean another banner year for the entire industry in 1951, provided production is not curtailed by either government or material shortages. However, it's worth while noting that during the last war, through the use of substitutes and great manufacturing inqenuity, we continued to manufacture millions of records monthly. We are quite hopeful that, if need be, we can continue to do so through any future

In closing, may I once again extend Decca's hand of cooperation to America's dealers.

^{**}Indicates total number of records in these albums; actual number of shellac albums is 2,083,333, and of 45 albums 2 million.

^{***}May be considered the equivalent of approximately 64 million shellac records

Ideas to Boost Disc Sales

Merchandising Plans Which Dealers Across the Country

Have Found Successful in Selling More Records



Disc jockey show in their window builds disc business for The Music Box, Billings, Montana. Here KBMY dee-jay Bob McCann interviews a Campus Queen candidate, Lorraine Ness.

• A novel tie-in with a radio discjockey show has paid off in spades for The Music Box, progressive radiorecord-music store in downtown Billings, Montana.

The sales potential represented by a dee-jay to a retailer of phonograph records is obvious, and many dealers have exploited this angle by buying time on such "shows."

John Billings and Mel Hansen, proprietors of The Music Box, have gone this idea one further, however. They have arranged to have the disc jockey put on his show right in their store window. Although Billings, Montana is not fortunate enough to be reached yet by TV, The Music Box offers them radio that you may watch as well as listen to. The feature has proved an important traffic stopper, and a record sales builder.

In the three short years The Music Box has been operating, the growth of the business has keyed itself right along with that of Montana's "growin'est city." The firm has expanded from a single aisle and counter of the original store to the 1000 feet of sales stimulating floor space they now occupy. From a single window and no traffic they have advanced to full width double front, all glass, on one of the busiest streets in the city.

Separate departments, all on the same floor, are maintained for each of the three record speeds. A sheet music department is also displayed across one corner. Musical instruments are shown in glass cases with plush covered shelves. Several sound-

insulated listening booths for records are located at a quiet corner of the store and a special auditioning room is provided for pianos.

For years it has been the policy of KBMY, one of Billings' two radio stations, to arrange a broadcast from somewhere downtown from time to time. It didn't take The Music Box long to sense the potentialities in this idea. The disc jockey needs records and The Music Box needs traffic. A happy combination was arranged whereby KBMY, for a nominal fee, would place their most popular disc jockey program, "The Waxworks," in the front window of The Music Box. People stop to watch, and many, seeing the neatly arranged musical stock inside, are reminded of their own

needs in this line. Others come in to watch and listen, with the same end result. It's a novel scheme that pays off for these up and coming Montana retailers.

o Catering to the needs and desires of their community has produced profits for Ken and Ray Dobler, San Diego retailers of radio, TV, appliances and records. In a location surrounded by a high proportion of people who speak foreign languages, the Dobler Brothers have spent nearly 20 years proving that such a spot can be very profitable.

spot can be very profitable.

Furthermore, they are demonstrating that fishermen, cannery workers and the other Spanish speaking people of their community respond wholeheartedly to sound business practices. Techniques developed by the Dobler brothers in their store at 2146 Logan Avenue, San Diego will apply equally well in almost any type of community.

From their first month of operation, when they chalked up the handsome gross of \$13., the partners have concentrated on service as a means of maintaining customer contact and to bring in leads on prospective appliance purchasers. And they've always had a gimmick or two for building up store traffic.

One of their earliest successful stunts, long since abandoned, was a ham radio station at the rear of the original tiny showroom. Giving people the idea that these boys must know their business to understand such intricate equipment, this promotion sold many radio sets.

(Continued on page 106)

The Dobler brothers store in San Diego has successful record department based on catering to the local demands of their community. Below, sales girl Louise Garcia speaks Spanish and English equally well, and this customer is learning that she also knows music.





really new!

ways dials right

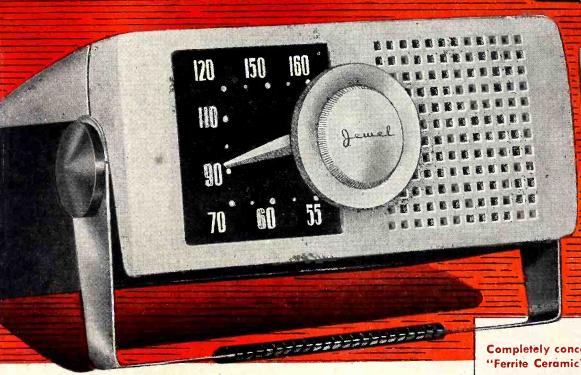
finger-tip control ether at home or le carrying.

"allways sound-focuses right

whether used as table model or portable with quality-directed "allways styled right

to fit every decor in every home and everywhere you

MODEL



PORTABLE

AMAZING NEW ANTENNA

Completely concealed! Magnetic "Ferrite Ceramic" core antenna. Perfected by Jewel, amazing Magnetic "Ferrite Ceramic" Core Antenna

(sketched above) gives many times the

sensitivity and selectivity of usual builtin loop aerials. Made of "ceramic-like"

metals, it rejects undesirable electro-

static noise waves, receives clear electromagnetic waves . . . practically free of noise distortion. With permanently con-

cealed Magnetic "Ferrite Ceramic" Core

position and easel table position. Eliminates bothersome pop-up gadgets, lids

Antenno, Jewel Model "Fifty-Fifty" equally sensitive in upright carrying

allways - the new table-portable radio sensation - is a favorite with better dealers everywhere. Revolutionary new swing-away handle rests in easel position making an exquisite table model. Swings upright into easy-carrying position. Highly stylized cabinet is of deluxe two-tone ivory and maroon plastic with highly polished brass handle. Also available in solid colors. Operates on AC-DC or battery.... Instant tuning while carrying. Another remarkable "first" by Jewel's internationally known designer.

RADIO CORPORATION

10-40 45TH AVENUE, LONG ISLAND CITY, N. Y.



his single model 50 50 means sales always... "allways" all seasons!

New Radio and TV Sets

This and following pages describing manufacturers' new merchandise are compiled by our editors. This information is presented as a news service to our readers entirely without any advertising consideration whatsoever.

Sparton TV SETS

The new Sparton TV line includes 17-inch console models: Gramercy, in mahogany (5152), at \$329.95, in blonde (5153), at \$339.95, in limed oak (5154), at \$349.95; the Sheffield, shown here, in mahogany (5155), at \$359.95, in blonde (5156), at \$369.95, and in limed oak, (5157), at \$379.95; the Rutledge, (5158) in mahogany, at \$379.95; the Lynbrook, in mahogany (5076), at \$329.95, and in



blonde (5077), at \$339.95; and the Ardmoor, in mahogany (5079), at \$359.95, and in blonde (5080), at \$369.95. Two 19-inch consoles are the Carnegie, in mahogany (5085), at \$479.95, and in blonde, (5086), at \$489.95. Seventeen inch combinations include: the Nassau, in mahogany, (5182), at \$519.95, and in blonde (5183), at \$529.95; and the Westmont, in mahogany (5088), at \$459.95, and in blonde (5089), at \$469.95. New models use the regular Sparton 26-tube chassis, keyed AGC and built-in antennas. Sparton Radio-Television, 2400 E. Ganson St., Jackson, Mich.—RADIO & TELEVISION RETAILING.

Murphy RADIO LINE

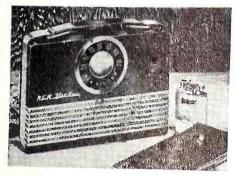
A new line of British made radios has been introduced into this country. The



three new models are the 152, shown here, 5-tube set receiving broadcast and 2 short wave bands; the 154, 5-tube set receiving broadcast and seven short wave bands; and the 156, 6-tube set receiving broadcast and seven short wave bands. International Manufacturers, Combination Export Managers, 519 International Trade Mart, New Orleans, La.—RADIO & TELEVISION RETAILING.

RCA PORTABLE RADIO

A new personal portable has been announced, the model B-411. Smaller than a standard novel, it weighs less than three pounds, batteries included. Chassis and antenna are within the same closed case; all controls are exposed. Case is a deep brown plastic.



Uses one RCA VS036 battery and one RCA VS016 battery. List price without batteries is \$29.95. RCA Victor Division, Radio Corp. of America, Camden, N. J.—RADIO & TELEVISION RETAILING.

Trad CLASSROOM TV

A new model, known as the Trad D-250, has been announced. The set has a 19-inch direct view picture, and features remote control. Designed for use in schools, clubs, etc. Trad Television Corp., 1001 First Ave., Asbury Park, N. J.—RADIO & TELEVISION RETAILING.

Kent TV LINE

Highlighting the new Kent TV line is the model #911-L, available in 19 or 20-inch model. Leather doors are tooled in 22 karat gold. Cabinet comes in mahogany as well as a variety of colors. Kent Custom-Craft, 808 Driggs Ave., Brooklyn N. Y.—RADIO & TELEVISION RETAILING.

Hammond TV TABLE

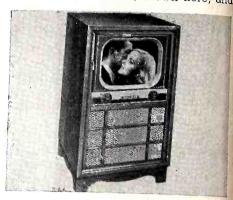
A new television table with revolving top has been announced. Available in red mahogany, walnut and korina blonde finishes. Strengthened by steel



corner braces, the table features steel rollers. Table top is 22 x 22 inches. The Hammond Desk Co., Hammond, Indiana.—RADIO & TELEVISION RETAILING.

Air King TV SETS

Two new TV models have been introduced: Model 16C5, shown here, and



a 20-inch rectangular tube console, model 19C1. The 19C1 features a mahogany veneer cabinet and gold metal grille work. Air King Products, Co., Inc., 170 53rd St., Brooklyn 32, N. Y.—RADIO & TELEVISION RETAILING.

Arthur NEW TV SET

A new TV-radio-phono unit features a 16-inch rectangular black face tube, AM and FM radio, and a Garrard 3-speed automatic record changer. Available in cordovan mahogany, blond mahogany, blond or ebonized oak, or lacquer in any desired color. List price is \$895. F. B. Arthur Modern Interiors Showroom, 1027 First Ave., New York 22, N. Y.—RADIO & TELEVISION RETAILING.

Scott "CROYDON"

A radio-phono-TV console combination, the "Croydon", has been added to the line. Featuring AM-FM radio and



3-speed record changer, this model includes a 16-inch black-face rectangular tube TV set. Priced at \$565 complete, it is also available for \$329.50 in an Add-a-Vision model for later installation of the television chassis. Cabinet is dark mahogany, with two full-length doors and record storage space. Phonograph compartment is the lift lid type. Scott Radio Laboratories, Inc., 4541 Ravenswood, Chicago 40, Ill.—RADIO & TELEVISION RETAILING.

INTILCOX-GAY HASPOWERFUL NATIONAL ADVERTISING that "pinpoints" the professional recorder market!

FOURTEEN SPECIALIZED MARKETS
FOURTEEN POWERFUL PUBLICATIONS
. . . that dominate these special markets!



Wilcox-Gay TAPE-DISC RECORDIO Model 1C10

THIS "PINPOINT" ADVERTISING MEANS MORE FULL PROFIT SALES FOR YOU

This month Wilcox-Gay launches a powerful national advertising campaign aimed at the most profitable, non-competitive market in Electronics—the semi-professional Recorder market. This is "pinpoint" selling that penetrates each special market group backed by the finest line of top quality, low-priced portable Tape and Disc-Tape Recorders ever built by Wilcox-Gay... pioneers who have stayed first in recording instruments

WILCOX-GAY'S NEW NATIONAL ADVERTISING REACHES THESE IMPORTANT MARKETS

COLLEGES — Better methods for speech and music training
PHYSICIANS — Faster, more efficient patient diagnosis

PSYCHIATRISTS — Better diagnosis through recorded interviews
BUSINESS EXECUTIVES — Conference recording speeds business decisions
MUSICAL EDUCATION — The Recorder is important to the musician
SCHOOL ADMINISTRATION — The Recorder brings new advantages to

INDUSTRY — Industrial leaders discover better ways thru recording
HOSPITALS — Recorders find wide application in diagnostic work

CHURCHES — Recorders have every-day uses in church activities

SPEECH TRAINING — The most efficient method of voice training yet discovered

ADVERTISING EXECUTIVES — Important aid in production of radio and IV shows

BAND INSTRUMENT TRAINING — Students make better progress through recording

BUSINESS OFFICE — The new way of handling conference and field reports

SALES EXECUTIVES - A recognized method of modern sales training

WILCOX-GAY CORPORATION Charlotte, Michigan

"Maid" to Order Method to

Sell More Appliances

Prove to Your Customers That Better Equipment
Will Keep Their Help Happy; Increase Output of Work

• The other day a woman brought a battered-up vacuum cleaner to a dealer's store. "These maids!" she exclaimed. "They don't care how they treat other people's property. The cord's broken again, and I just had it fixed a short time ago, you remember. And the cleaner really isn't very old."

In this particular case, as in similar ones taking place all over the country, it turned out that (1) the cleaner hadn't been repaired recently, and (2) that the cleaner was, in fact, quite old, having been purchased in 1937.

Letting Off Steam

The foregoing episode is familiar to every dealer, whether the customer brings in a vacuum cleaner, and iron or a table appliance. It doesn't mean that women bringing in such beaten-up appliances and claiming misuse, recent or too frequent repair or rapid wearing out of the product are dishonest. Usually, they are just letting off steam over the annoyance of having to hold up housework to bring the product in for fixing. Often, too, they are having

In the
"Maid" to Order
Method
Your Sales Start
in the
Service Department

"maid trouble," a Number One topic in any gathering of women.

Nowadays, it's hard to find a good maid, and it's harder to keep one, and so armed with this knowledge the dealer is in a position to sell a lot of maid-saving appliances if he'll go about it the right way. More often than not, housewives will force domestic servants to work with appliances they themselves wouldn't touch with a 10-foot pole. Often new maids become discouraged and quit because

they are handed a flock of patched up, inefficient products to work with

The dealer who knows how to tell housewives the right kind of sales story—that maids will be happier and will turn out more work with efficient appliances, can trade in a lot of the old stuff that's brought to him for repair. In so doing, he will make more profit for himself, and will certainly create a lot of customer good-will.

An honest technique must be approached to the subject of keeping the help "put" and happy with modern appliances. The dealer shouldn't take sides in outright favor of the servant because it's often the case that the maid is flagrantly careless and destructive. But the dealer can point out that it would take a pretty calloused individual to intentionally manhandle a shiny new appliance—purchased expressly for her use.

There's Money in It

There's money in selling the happy servant angle. It's a good idea to bring to the home-maker who probably never thought of it. It's a good idea for the dealer as well, because it increases his sales volume, and can serve, too, in eliminating many a headache in trying to keep on repairing junk.

You'll get a number of salesmen and dealers to agree that a large percentage of servant-staffed homes are equipped with worn out, hard-to-

operate appliances.

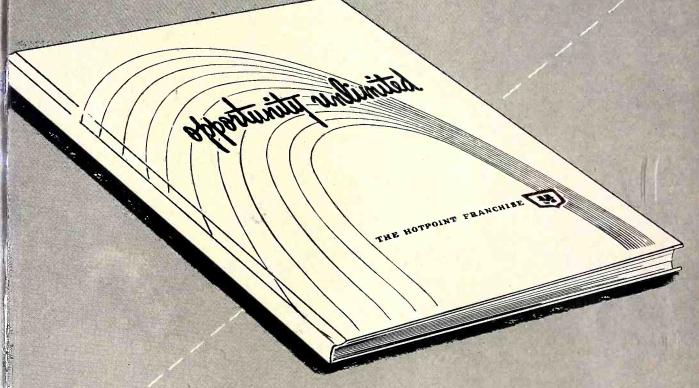
So make a drive to replace the old junk coming into your service department. Tell your customers that there's a magic formula for getting servants to take pride in their work and to do more of it through new labor-saving devices for the home. And when we're speaking of new appliances, we don't simply mean those small ones that the housewife drags in for repairs, but other appliances such as washers and ironers, refrigerators, ranges, sewing machines, clothes dryers, dishwashers, disposal units, water heaters and fans, to mention but a few. Servicers in the home know the products that need replacing. It's up to the dealer to capitalize on this project made to order to keep maids happier, and more productive in performing their household chores.

TELL YOUR CUSTOMERS



That a good maid is hard to find—hard to keep That new, maid-saving products will result in pride of operation and more work done

Good Advice For Good Dealers



DON'T SIGN ANY FRANCHISE UNTIL YOU READ THIS BOOK

Before you sign any major electric appliance franchise, you owe it to yourself to review "Opportunity Unlimited". In it you will find an interesting portrayal of all the advantages available to you in the Hoppoint Dealer's Franchise.

Nowhere else will you find an appliance fronchise so replete with year round profit opportunities. Nowhere else will you find a retail sales philosophy so beneficial in profitably amplifying your major appliance markets. Nowhere else will you find an appliance line so complete—a line to fill the needs and demands of all your customers at all times.

Talk to your Hotpoint distributor now, and have him show you "Opportunity Unlimited". You'll discover you made a wise decision.



Southern Holpwitt!

FOR FULL LINE LEADERSHIP

RANGES • REFRIGERATORS • DISHWASHERS • DISPOSALLS ® • WATER HEATERS • CABINETS
FOOD FREEZERS • AUTOMATIC WASHERS • CLOTHES DRYERS • ROTARY IRONERS



(A General Electric Affiliate)
5600 W. Taylor St., Chicago 44, Illinois

New Electrical Appliances

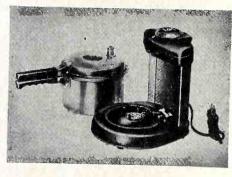
GE KITCHEN APPLIANCES

The new line includes 3 new refrigerators with freezing compartments at the top; 4 standard refrigerators with sidemounted freezing compartments, 2 refrigerator-food freezers, and 2 chest-type freezers. All models have been restyled: Leading the line is model LF-10, priced at \$359.95. Other "across-the-top" models list for \$299.95 and \$329.95. Standard refrigerators are priced at \$219.95; \$209.95; \$249.95; and \$269.95. Refrigerator-food freezers list at \$439.95; and \$479.95; food freezers at \$349.95; and \$479.95;

Other kitchen appliances announced were a top-loading dishwasher, model UC-110, priced at \$299.95; an electric roaster, in a new improved model, at \$39.95; and a new line of electric ranges. There are the standard size ranges: Liberator, \$449.95; Stratoliner, \$389.95; Airliner, \$289.95; Stewardess, \$229.95 and Leader, \$209.95; and the apartment house models A21, with 3 units, \$169.95 and A41, with 4 units, \$179.95. General Electric Co., Bridgeport 2, Conn.—RADIO & TELEVISION RETAILING.

Proctor PRESURMAT

A new automatic, self-venting electric pressure cooker has been introduced. It includes a heat controlled electric stove with Hi and Lo Brown indications on the cooking dial, a 60-minute electric timer, and a four-quart pressure



saucepan. It automatically times the cooking operation from the time the desired pressure is reached, and automatically cuts off electricity at the end of the time, then vents itself slowly. Cooks at either 10 or 15 pounds pressure. For AC operation only, it is rated at 1400 watts. List price is \$39.95. Proctor Electric Company, Philadelphia, Pa.—RADIO & TELEVISION RETAILING.

Oxford PANEL LAMPS

A new complete line of miniature lamps has been announced. The line includes radio panel lights, flashlight bulbs, indicator lights, etc. Special lamps are also available. Oxford Electric Corp., 3911 South Michigan Ave., Chicago 15, Ill.—RADIO & TELEVISION RETAILING.

Hotpoint 1951 LINE

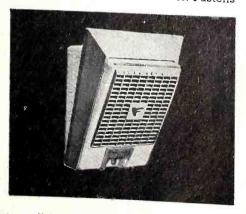
The new line of major appliances includes a clothes dryer, model LD-3, which condenses the moisture in the air instead of discharging it into the room; eight new electric ranges, headed by the lighted pushbutton models; nine new refrigerator models (model ED87-5 shown here), featuring separate doors for the frozen food compartments on



the 8.7 and 10.6 cu.ft. models; two new freezers, a 15 and a 23 cu.ft. model; and a new garbage disposal unit, shorter and more compact than previous models. Hotpoint, Inc., 5600 W. Taylor St., Chicago 44, Ill.—RADIO & TELEVISION RETAILING.

Fresh-nd-Aire "WALL-AIRE"

Latest addition to the Fresh'nd-Aire line is a combination heater-fan in a case designed to hang on the wall. May be used as hair or clothes dryer, cooling fan, heater, etc. A built-in rack pulls out to form a drying rack for small pieces of clothing. Is supplied with an extra bracket so that it may be taken from one room to another. Fastens



to wall by a special sponge rubber adhesive; no nails, hooks, etc. List price, including Federal Tax, is \$39.95. Fresh 'nd-Aire Co., 221 North La Salle St., Chicago 1, Ill.—RADIO & TELEVISION RETAILING.

Westinghouse 1951 LINE

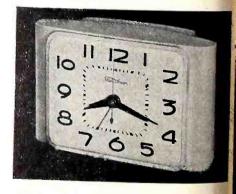
Nine new refrigerators and five eletric range models have been annount in the 1951 line. The refrigerators clude three models with "Frost-Frautomatic defrosting and three adtional full-width freeze chest models, including three other versal freeze chest models, mark the troduction of shelves on the door a removable egg keepers. The five in electric ranges feature "Color-Gland rotary controls and a high speed state cooking unit, a combination dewell cooker and surface unit with 2,000 wattrating, and a new seal oven with a removable bottom to Electric range prices range from \$409. for the deluxe Commander model \$179.95 for the Rancho model. Refrigerator prices range from \$429.95 for the 10 cu. ft. model to \$209.95 for a six of the vertical freeze chest model. Westing house Electric Corp., Appliance Division Mansfield, Ohio.—RADIO & TELEY SION RETAILING.

Oster KNIFE SHARPENER

Double action electric knife sharpener which sharpens both sides of the blade at the same time. Designed to give a hollow-ground edge. List price is \$12.95. John Oster Mfg. Co., I Main St., Racine, Wisc.—RADIO & TELE-VISION RETAILING.

Telechron CLOCKS

Two new electric clock models have been announced. The Imp, alarm clock



shown here, and the Jubilee, a kitchen wall clock, are regularly priced at \$4.55 plus tax. Both clocks feature curved shatterproof crystals. Telechron Corp. Ashland, Mass.—RADIO & TELEVISION RETAILING.

Clear-Vu TV LAMP

Recently announced TV lamp is 19 inches high with eight spiral louves concealing a 15-watt fluorescent tube. Overall modernistic design is finished in crackle-bronze. List price is \$9.95 Maxilume Company, 125 W. Hubbard St., Chicago 10, Ill.—RADIO & TELEVISION RETAILING.



Style and Beauty

SELL THE WOMEN:
nd it's women who decide
5% of all retail sales!

e New MAJESTIC "Mastercraft" Line was styled in the women in mind"— says Miss U. S. Television.

ye Adams, Miss U. S. Television, expresses the opinion the average American woman when she says, "In these a ful receiver? MAJESTIC has the answer to every on's requirements for style, beauty and value. I think are will find it easier than ever to sell MAJESTIC."

are gracious Traditional cabinets ... authentic French ncial ... and the best of modern designs. Mahoganys llondes ... some with AM-FM, Radio-Phonograph, and s with 3-speed Phonographs alone. Here are "visions" evision that are unsurpassed in value!

It styling + top performance = dollar profits!

at last, you have a dramatic sales story in magnificent etry as well as electronic supremacy. Start promoting Mastercraft" Line now . . . contact your MAJESTIC butor for this million dollar Style-Profit Package.



Model 902 with full doors. 203 sq. inches. Mahogany or Blonde.

Closed-view Model 902

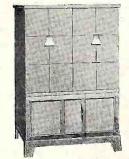




TRADITIONAL
TP1 with 3-speed rectranger. Hand-rubbed



17" FRENCH PROVINCIAL
Model 7P2 with 3-speed record changer. Beautiful Fruitwood Finish.



17" MODERN

Model 7P3 with 3-speed record changer. Blonde Mahogany Console.



17' TRADITIONAL

Model 7PR12. TV, AM-FM Radio—3-speed record changer. Mahogany or Blonde.



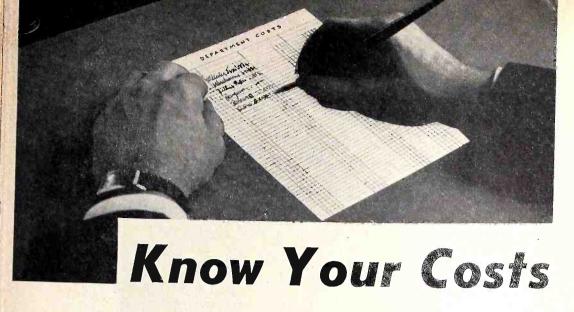
19" TRADITIONAL

Model 9PR8. TV, AM-FM Radio—3-speed record changer. Mahogany or Blonde.

RY MAJESTIC TV SET IS EQUIPPED WITH "COLOR CONTROL" FOR ANY ADAPTER AND/OR CONVERTER.

Majestic RADIO and TELEVISION

DIVISION OF THE WILCOX-GAY CORPORATION
70 WASHINGTON STREET . BROOKLYN 1, NEW YORK



Inventory Control Helps the Distributor Keep His Business on a Profitable Basis

By H. A. POPE, Credit Mgr., National Union Radio Corp., Orange, N. J.

 More and more jobbers are recognizing the need of keeping fully informed regularly regarding the financial status of their business. Inventory control which had heretofore been considered as not necessary or important, has now been adopted by many distributors. As an example of the importance of inventory control, in some cases it has taken as long as two years to work off excess inventory accumulated in 1946. As you know, working capital is the excess of current assets over current liabilities. Usually four items comprise current assets: cash, accounts receivables, inventory and marketable securities.

Working capital has two functions to finance the investment in receivables and inventory, and to act as a cushion to absorb a drain of losses when losses cannot be circumvented. A company whose working capital is made up almost entirely of inventory is obviously not so good a credit risk as a company that has a good bank balance and liquid receivables. You cannot pay your bills with inventory. When your sales drop, your income declines. If your working capital is all inventory, you have a problem. The reduction in sales and income may result in inadequate cash to meet your bills. The sales decline causing this condition also makes it

more difficult to convert the inventory into cash when you need it most.

More money is lost as a result of over-inventoried conditions than any other circumstance, for if you must obtain cash, you will have to reduce prices to move the inventory. I told the members of the Tri-State Chapter of "NEDA" and also the New York Chapter in Albany, that the two-sink-holes for your cash are slow accounts receivables and heavy inventory. So watch closely these items in your business.

Television has entered the electronic field and is here to stay. The distributor now has to stock new items in addition to those he presently carries for radio receivers, and some of the new items are relatively costly. The prudent jobber will make careful plans for the working capital necessary to finance this additional inventory.

Here are a few ratios indicating the investment of capital:

- (1) Cash to current liabilities—cash divided by current liabilities approximate standard 10 per cent, varies widely with volume of business activity.
- (2) Quick ratio—cash divided by current liabilities. This is a test of current or working capital position and ability to meet current bills.
 - (3) Current ratio
 current assets
 divided by current
 liabilities. A measure of current
 working capital position—less important than above
 mentioned ratios.
 - (4) Working capital turnover—net sales divided by net current assets. This gives you a

measure of trading efficiency and dicates turnover of working cap. There is no standard, but the hithe better.

Your business can roughly be vided into six activities: Sales, sping and receiving, buying, ocredit supervision, and miscellane

Costs to look for in sales: I sales personnel can be paid in t ways: (1) Straight salary, Straight salary and bonus, (3) Dring account and commission, Straight commission. In addition salesmen's compensation, they have car expense or an expense accollow you should give this phase your business careful study to an at the best method of compensal and expenses, so as to secure many mum sales at minimum expense.

Salesmen are always telling that so and so is selling at low prices, not that they are deliberate mis-stating, but they are being taken in by the customer or improperly terpreting his statements. The prolem of meeting competition by sping at cut prices is an important matter for you to watch, and it sometimes caused by erroneous biased advice from your salesmen.

It's Your Mone

While your salesmen are your eye and ears, and are essential to kee you informed as to what your competitors are doing, keep in mind that it is your money and your busines when it comes to selling at lower prices or buying substantial invertory. A sale is not a sale until the cash is in the bank, and it might be better to have smaller sales but a larger gross profit. If you do sell at lower than regular prices, be surthat you will do enough extra volume and receive prompt payment, so that you will make a profit.

Shipping and receiving costs: First you have your shipping and receiving personnel whom you undoubtedly pay on a salary and bonus basis. Next you have your delivery costs. Sometimes truck costs can be more expensive than having delivery made by a regu lar truckman. If you operate you own truck, you have the interest of the investment of the initial cost, de preciation, insurance, gasoline, old and garage. In the New York are delivery by an outside trucking firm averages \$1.03 a package. Operation of your own truck costs at least \$125 to \$250 a week. Therefore, to at least break even a distributor in that are should deliver weekly at least 250 packages.

Other shipping and receiving costs are your so-called hidden costs such as breakage, pilferage, returned merchandise not being checked properly (thus making replacements necessary at a loss to you) and freight and express bills not being checked for proper rates.

(Continued on page 107)

Mr. Distributor-

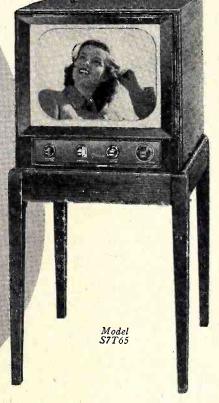
- I. Are you adequately and properly financed?
- 2. Do you have adequate records, and are you obtaining the maximum benefits from them?
- 3. Do you know where you are going?
- 4. Are you a good housekeeper?
- 5. Are you aware of all your responsibilities?

BIG SCREENS! BIG VALUES!

Model S20C10 with its 20 inch rectangular glare-free filter glass tube is the Console value for 1951. Exquisite front control side door Deluxe cabinet. Clear, sharp pictures with FM sound that is unmatched with its 10 inch concert grand speaker. Built-in "FADA-SCOPE" antenna. It's the last word in BIG screen televiewing . . . it's the last word in beauty.

Fall 11/

See the new 1951 Fada TV line that is breaking all sales records . . . Ask the Fada Jobber in your territory for further details.





Model S20C10

BRAND NEW 17 INCH RECTANGULAR TUBE TABLE MODEL TV RECEIVER

Model S7T65—Beauty, superior performance and really BIG, BIG 17 inch rectangular screen televiewing. Here is a plastic moulded picture frame front with mahogany veneer table model cabinet. Built-in "FADA-SCOPE" antenna. Matching table available. A sensational performer in all areas.

Model S7C70—A DeLuxe console with 17 inch rectangular glare-free filter glass tube. The cabinet of lovely mahogany veneer features the amazing tilt-back angle front panel for more comfortable viewing. It's a dream set to fit the furnishing of any room. Built-in "FADA-SCOPE" antenna. Big 10 inch "Alnico V" concert quality speaker. Superb FM sound system. Fast automotive gain control.

"Pioneers in Radio and Electronics Since 1920"

FADA RADIO & ELECTRIC CO., INC., BELLEVILLE, NEW JERSEY

Model S7C70

Success in Offering "Electrical Valentines"

Dealer Campaign Promoted in Ads, Show-Window Displays, Telephone Canvass

 Getting an early start on St. Valentine's Day, actually beginning promotion two weeks following January 1, and building promotion around the slogan "Give Her an Electric Valentine" has helped to sell a record volume of these items each year for Halle's, major appliance dealership in

Colorado Springs, Colorado.

For St. Valentine's Day, Simon Halle, head of the store, devotes no less than 4 large display windows to electric housewares, with 3 banks of successively higher levels showing the items which experience has taught him are most desired as St. Valentine Day gifts. Included are electric coffeemakers, electric clocks, toasters, mixers, and wafflemakers, which sell in approximately that order for the event. Each is displayed on a doily of bright-red gloss-finish paper, cut in heart-shape, contrasting with white crepe paper, which covers the display steps. Heart-shaped signs at the back of each window display repeat the "Give Her an Electrical Valentine" slogan in all 4 windows.

Once a week, preceding the holiday, a 2-column, 6-inch ad, headed with the same slogan, is run in the Colorado Springs newspaper. Copy states "In our complete electrical housewares department, you will find the most wanted appliances." Below are listed four leading nationally-advertised lines carried by the firm, and a list of gift items suggested by the store, incorporating personal radios, coffeemakers, automatic irons, wafflemakers, blankets, mixers, toasters, bedlamps, vacuum cleaners and clocks. One of the most important pointers in the ad is the inclusion of the statement "We will lay away your choice and gift wrap," according to Halle. "We find that the ability to provide on-the-spot gift wrapping, using high quality materials, and packaging which disguises the nature of the contents, has a lot to do with influencing

Give "Her" an

Electrical Valentine

In our complete

ELECTRICAL HOUSEWARES

DEPARTMENT

you will find the most wanted appliances.

- GENERAL ELECTRIC
- **SUNBEAM**
- HAMILTON BEACH
- * TOASTMASTER
- Blankets
- Toasters
- Waffle Irons
- Mixers
- Automatic Irons
- Vacuum Cleaners
- Coffee Makers
- Bed Lamps

- Personal Radios
- Clocks

WE WILL LAYAWAY YOUR CHOICE and GIFT WRAP

119-121 North Nevada Main 1905



Electrical gift drive brings this firm 30 to 50 additional sales each year.

the husband to give his wife an electrical gift, rather than the proverbial box of candy," Halle said. "We make a specialty of doing the gift wrapping out in the open, where passersby see it through the window, and buy so large a choice of wrapping materials that we can scarcely fail to please the

customer. Putting a round item, such as a percolator in a square box, or using a variegated variety of cartons, so that the gift recipient can scarcely guess what the contents may be, provides a lot of surprise value, which most husbands well appreciate."

Along with the 6 to 8 newspaper ads which are run for St. Valentine's Day, plus the display windows, Halle's salesmen telephone recent major appliance buyers, who are classed as newlyweds, or better-income prospects, and, upon getting the husband on the telephone, suggest that he augment the electrical living comforts of his home, with a surprise electrical housewares gift for his wife. Carefully selecting prospects thus 'phoned where a known possibility of sales exists, has resulted in anywhere from 30 to 50 additional gift sales each

Fleet of service trucks stands in front of the impressive Halle store.





17" TV CONSOLE

THE SHEFFIELD. Turns shoppers into buyers. Big 17" rectangular black tube. Model 5155, mahogany; 5156, blonde; 5157, limed oak. \$359.95 Mahogany (Including Federal Excise Tax)

S C M P



17" TV, RADIO, PHONOGRAPH The Nassau. Champion in styling, value. Big 17" black-tube TV, AM-FM radio, 3-speed automatic record player. Model 5182, mahogany; 5183, blonde. \$519.95 Mahogany (Including Federal Excise Tax)

AT THE SHOW!

Don't miss the new 1951
Sparton Television and Radio
models at the Chicago Show

☆ ☆ ☆

SPARTON SHOWROOM
Space 509-B
American Furniture Mart
January 8 to 19

- more valuable than ever

In these days of set and component part shortages, plus inflated consumer demand, Sparton dealers are reaping real benefits from the SCMP—Sparton Cooperative Merchandising Plan.

For under SCMP all of Sparton's production goes fairly and exclusively to its relatively small group of dealers at protected prices.

In short, the tougher the sledding, the more valuable the Sparton franchise, because it works for Sparton dealers.

NATIONALLY ADVERTISED IN LIFE AND NEWSWEEK

Radio-Television's Richest Franchise



New Recorder Sales Angle

"Wirespondence Club" Suggests Profitable Promotional Plan for Dealers



Dealers who have had their stores designated as "Wirespondence Club" headquarters are stressing wirespondence for keeping in touch with loved ones and friends. Thousands of couples such as this one use wirespondence to record messages to children away at school.

• The urge of millions to hear the voices of friends and relatives many miles away—at a cost of a few cents an hour—is being turned into a hard-selling campaign for magnetic recorders. To stimulate the use of wire and tape recorders for exchanging messages and conversation over great distances, Webster-Chicago Corporation has organized a "Wirespondence Club."

Now international in scope, the club has about 1,000 members, in every state in the union and 20 foreign countries. W-C officials expected the membership to reach 1,500 last month.

It has been found that for every member enrolled in the club, at least one new wire or tape recorder prospect is created as the member's enthusiasm spreads to friends and associates.

Area Headquarters

Webster-Chicago is working through dealers to set up Wirespondence Club headquarters in each area. The headquarters is the dealer's store. Dealers can get decals for their windows which identify the store as Wirespondence Club headquarters; brochures for their own mailing list. Direct mail advertising of the club has proved very profitable, dealers who have undertaken it report.

Some dealers are making speeches and demonstrating the idea before large groups, aiming at recruiting new members who will buy wire recorders. It is not necessary to own a Webster-Chicago wire recorder to

become a member of the club. It is necessary only that the new member have access to a wire recorder. Dealers have found, however, that new members who start out with the idea of using a friend's recorder invariably buy their own soon afterward.

The club was officially set up last May when a Webster-Chicago employe approached the firm with the suggestion that the many avid wire recorder users who were recording wire messages for distant friends and relatives might like to be officially organized and expand their wirespondence.

Recording Hobby

There was no doubt that people were eagerly taking up wirespondence on their own. The rapidly developing interest in recording hobby discussions on wire spools and circulating them made the idea feasible. The Chicago firm worked up a list of 52 different hobbies and subjects for discussion and sent it to recent purchasers of wire recorders with an inquiry as to whether they would like to join such a club. The list includes such widely varied hobbies and interests as records, flying, hypnotism, stamp collecting and philosophy.

Those joining the club are requested to indicate any of the listed subjects about which they would like to wirespond and to specify any particular city, state or country to which they would like to direct their wirespondence. Webster-Chicago then consults its file of wirespondence club members in that particular area and

selects a member with interests similar to those of the new member. The new member is given the name of the party and the two then communicate by wirespondence.

Although the club was started for and gained its name from the use of wire recorders, the idea works equally well with tape recorders. Webster-Chicago is keying its promotion to this idea, too, now that it has a tape recorder on the market, introduced last Fall.

Dealer Publicity

The idea has such dramatic possibilities that some dealers have been able to obtain good publicity for their store and the product through news stories on the club. A Circleville, Ohio, newspaper, for example, carried a long story relating how a young French war bride was able to talk to her mother in France regularly, by wirespondence.

Any dealer can find some interesting use a Wirespondence Club member is making of his wire recorder, according to officials of the manufacturing firm, and obtain newspaper publicity on it. Separated relatives and loved ones keeping in contact with each other through wirespondence have provided good human inter-



The "Wirespondence Club," a wire recorder merchandising idea, originated by Webster Chicago Corporation, has a particular appeal for persons with distant relatives and friends with whom they like to keep in touch. Here, three "Wirespondence Club" members lister to a recorded message from a far-off friend.

est stories repeatedly in this way. Webster-Chicago is participating on a cooperative basis on advertising of the club placed by the dealers and this, too, has been a good stimulant for the dealer's wire recorder sales, firm officials report.

Now certain that the Club is a success, the firm is circularizing another 10,000 recorder owners.



(ith the BIG Line...BIG Pictures...BIG Features America Wants Most in Television

ERE'S THE "kickoff" for the test selling television you've

Thrillingly new 1951 Zenith ... with superbly designed coinets—the most beautiful in evision—each one a masterice of quality and good taste new, exclusive "years ahead" hith features... and big, new, azingly life-like pictures that ke this the most exciting hith line ever!

Here—available on all mod—is the sensational Zenith®
azy Bones" Remote Control

to change station, picture and sound automatically from clear across the room. Here the spectacular Zenith 2-in-1 Screenwith two picture shapes, Giant Circle or Rectangular Type, in ONE set. Here also is the superpowerful, "Super-Range" Chassis . . . transforming even weak and distant signals into pictures of outstanding new clarity, definition and steadiness. All in competitively priced models that make Zenith quality-the finest in television-easy for everyone to own.

Heavily, Powerfully Advertised in the Nation's Leading Magazines

The biggest and best magazines in America will carry the "big ue" story of these magnificent new Zeniths. So don't wait. Call ur Zenith Distributor now, today. Get your order in. Get your ses promotion material. Get excited because you're ready for your gest year with Zenith!



nith "Hawthorne" co-Phonograph. Cabipermine Mahogany se with full length 65 sq. in. Reflectionbreen.



New Zenith "Byron" TV Console. Distinguished 18th Century cabinet of genuine Mahogany veneers and selected hardwoods. Giant 238 sq. in. Reflection-Proof Screen.



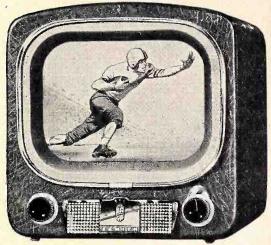
New Zenith "Wordsworth" TV-Radio-Phonograph... Blonde modern cabinet in Gold Coast Afara solids and veneers. 165 sq. in. Reflection-Proof Screen.

th is No. 1 for 51!

Superiority you can see Quality you can trust

dio Corporation, Chicago 39, Illinois • Over 30 Years of "Know-How" in Radionics® Exclusively

Also Makers of America's Finest Hearing Aids



New Zenith "Burton" TV Table Model.
Beautifully finished Mahogany Pyroxylin cabinet
with gracefully curved top and sides. New
154 sq. in. Rectangular "Blaxide" Tube.

Team Up with these "Most Wanted"
Television Features. You'll find them
ALL in Zenith and Nowhere Else!

Zenith's new Giant 238 sq. in. screen — wider than a newspaper page!

Zenith's "Super-Range" Chassis—reaches out for stations. Tunes even weak signals into clear pictures!

Zenith's Reflection-Proof Screen—bans window and room light reflections!

Zenith's Blaxide Picture Tube—brings out far richer contrast and clarity!

Zenith "2-in-1" Screen—gives you two picfure shapes in one set—Giant Circle or rectangular type!

Zenith Pre-Tuned Built-in Antenna — works where many others fail!

Built-in Provision for Tuner Strips to Receive Proposed Ultra-High Frequencies on Present Standards.

©1950



Extra Advantages

SCOTT

"Distinguished Dealer"
Franchise!

These Points Mean PLUS BUSINESS!

Scott "Distinguished Dealers" are profit protected through controlled distribution.

The Scott retailer discount, today, gives you an unmatched margin of profit.

Scott offers a complete line of television sets, radio-phonographs and television-radio-phonograph combinations to satisfy every quality and value-wise prospect!

The Scott name is synonymous with product perfection and progress the world over. Consumers buy Scott instruments with confidence!

The Scott franchise gives its dealers a complete supply of selling aids, in national magazine and cooperative advertising, local selling aids, and powerful promotions!

If you want these important selling advantages, investigate the Scott franchise now! Certain territories are open to dealers who qualify!



the Wentworth
by SCOTT

21" and 17" model rectangular tube sets with coaxial speaker, separate audio-amplifier and dual tone control. Rich, lustrous, mahogany finish with 2 full-length doors.

SCOTT Radio Laboratories, Inc.
4541 North Ravenswood Ave., Chicago 40, Illinois



Here's the needle that lasts and lasts! The new Duotone Diamond Replacement Needle with wear-resisting qualities that protect records from the ravages of "flats" and other wear-distorted needle shapes. The Duotone Diamond is the nearest thing to a really permanent needle ever produced—outplays, outwears and costs less per playing than any other type made. For the first time, Duotone offers these professional quality needles at a price every record enthusiast and music lover can afford!

Duotone offers Needle Replacement Service for any Standard Make Pickup Cartridge!

Duotone will replace worn needles in any standard cartridge with an enduring diamond tip. Send in your needles for prompt, guaranteed service. Remember, every order you get is an extra large profit diamond needle sale!



Experts Agnoc!

It must be good! Audio and recording specialists are agreed on diamond as the only practical, economical needle for modern record players. Ask now for complete details on Duotone Diamonds, the only professional type needle at a popular pricel

Famous for Phono
Needles, Recording
Needles, Discs, and
Quality Sound
Accessories

COMPANYING
Keyport, New Jersey

Conodian Representative: CHARLES W. POINTON, TORONTO, CANADA Export Division: AD. AURIEMA, INC., NEW YORK CITY, N. Y.

Disc Sales

(Continued from page 47)

year when compared with the rs prior to 1950.

s for records, let us look back to last war and see what happened:

	Record sales
1939	50 millions
1940	75 millions
1941	100 millions
1942	125 millions
1943	130 millions
1944	138 millions
1945	148 millions

is apparent that, in spite of a rtage of materials, record sales we like wildfire during the war. It significant to note that, prior to 1, record sales hadn't reached 100 lion since 1928.

The growth of vinyl-type records perhaps presented new problems the materials shortage situation, general opinion seems to be that we can't get vinyl, we can get some

tty good substitutes.

Therefore, it seems apparent that most important factor in this r's sale of records is the dealer self. How much do you want to? We feel that the dealer selling ords can probably do better in 1 than in 1950 if he puts the right d of effort behind it. And if there to be a shortage of the bigger ticitems, such as TV sets and regerators (and we are pretty certain of this), then it seems obvious this may be a time for additional motion of records.

pehart Distributor

si-State Distributing Corp., Des ines, Iowa, has been appointed disbutor for Capehart television and nograph-radios, E. Patrick Toal, pehart's director of sales, announced ently.

🖟 J. Grigsby Writes Book

B. J. Grigsby, well known to the rlier generation of radio men as the sident of the old Grigsby-Grunow , Chicago, has just written and plished a little book for youngsters al oldsters entitled, "The Adventures The Ducky-Wucky Family", an unnal nature story of a family of Illard ducks, a cycle of their family and the hazards they encounter. . Grigsby is publishing this book inself and has agreed that any ofits from the sale of the first edin will be given the Girl Scouts of cicago of which his daughter is a ector. The retail price is \$1.25 stpaid from his office, suite 827-1, 120 South LaSalle Street, Chigo 3, Ill., or from book stores.

Raytheon Bonded Dealers

The Electrical Supply Corp., 1739 Massachusetts Ave., Cambridge, Mass., distributor of Raytheon tubes in the Boston area, recently launched the first of a planned series of Bonded Dealer meetings. Lewis A. Crosby, president of the Electrical Supply Corp., reported that this meeting was a great success and that the Bonded Program was enthusiastically received by all the dealers present.

New Workshop Reps

Three new representatives have been announced by Ken S. Brock, commer-

cial sales manager of The Workshop Associates, Inc. They are: Instrument Sales Co., 3947 W. Lawrence Ave., Chicago, Ill.; Chas. H. Dolfuss, Jr. & Co., Film Exchange Bldg., Cleveland, Ohio, and J. J. Hagerty Co., 1223 Longfellow Ave., Royal Oak, Mich.

Littelfuse Dispenser

Littelfuse Inc. of Chicago has added to its merchandising aids for parts jobbers, a new revolving counter dispenser which will hold up to 3,600 fuses. The dispenser consists of two metal frame drums with slide channels which dispense fuses from either top or bottom.



QUALITY

You Can Always Depend On

Because...

C · D · R

HEAVY DUTY MODEL

This heavy-duty TELE-ROTOR has no match! It's more powerful ... turns any TV antenna array under any weather conditions! Recommended by servicemen everywhere because of its dependable, TROUBLE-FREE performance. Handsome control cabinet gives quick, easy control . . . indicates antenna position instantly

> Model TR-2 .. rotator with "Compass Control" cabinet having illuminated "perfect pattern" dial . . . (Uses 8 wire cable)

.... \$44.95

Model TR-1... rotator and control cabinet with end of rotation light (Uses 4 wire cable)

.... \$39.95

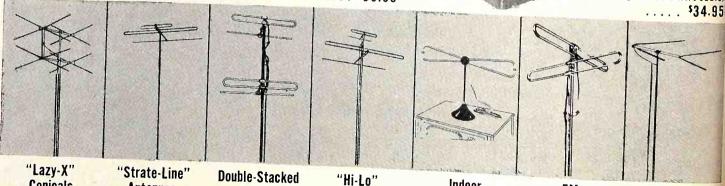
C · D · R TELE-ROTOR CUB

They're Produced by the World's Largest Manufacturer of Both Antennas & Rotators

> New TELE-ROTOR CUB for average installations. Same husky motor as heavy duty TELE. ROTOR. FASTEST, EASIEST ROTATOR TO INSTALL. All-In-Line design . . . with true inline thrust between antenna and mast. 3/4" STEEL shaft rotates on case hardened steel ball... in-line reamed oiless bearings, Plastic control cabinet offers easy, accurate control.

Model 502-A... rotator with control cabinet having indicating meter for "hairline" tuning. (Uses 5 wire cable) \$44.95

Model 501-A... rotator with control cabinet having end of rotation signal. Light flashes every 7.2° showing antenna is turning. (Uses 5 wire cable)



Conicals

Antennas

Arrays

Antennas

Indoor **Antennas**

FM **Antennas**

"Super-Vee" **Antennas**

You Can't Beat a RADIART Antenna on a TELE-ROTOR IT'S TOPS

IT'S RIGHT WHEN IT'S RADIART

. ROTATORS

THE RADIART CORPORATION

. VIBRATORS

. AUTO AERIALS

. TV ANTENNAS

POWER SUPPLIES

SERVICE & SOUND

Section of RADIO STELEVISION RETAILING

Service Outlook for 1951

Materials May Be Scarce, But Business Will Not Be; Know-How

Of Both Technical and Business Nature Seen Important

Nobody knows exactly what will appen in our industry during this oming year, but there are all kinds of redictions, rumors and weather signs, nd they all have one thing in comnon: they are bad.

That is to say, the supply situation expected to be bad, and it's merely question of how bad.

The servicing dealer had a foretaste f the shortages which will face the ndustry this year even before his coleague who only sells but does not ervice. For, although there was nough merchandise around to sell up ntil Christmas, the shortage of parts nd tubes had already become serious nough to cause alarm.

But although you don't know whethr your supply of parts and tubes for 951 will be cut 25%, 50% or 100%, ou can be sure it will be cut. Obviusly this does not mean that you are oing to throw up your hands and say, I can't run a business under condi-

ions like this!"

If service is your business, you've ot to keep on running it to eat. If ou went through this before (1942-6), you have some idea of what this mplies. If you're a postwar newcomer, you've got a lot to learn, and fast. Either way, you're going to have to give the gray matter a hard workout.

Premium on Experience

Somebody once made the remark that a serviceman who is short on test equipment must be long on brains and know-how. Adapting this idea to fit the situation, we might say that when a serviceman is faced with a shortage of replacement parts and tubes, he will need more ingenuity to do his job.

Knowledge, experience and inventiveness being at a premium, the service technician should surround himself

with as many good tools as he can: that is, test equipment, service notes, tube substitution manuals, etc. And he should continue his self-study at every opportunity from the wealth of good literature available, expanding his knowledge of theory, and keeping abreast of the latest developments, circuits and techniques. An interchange of information through associations can also be helpful.

The second way in which the service dealer can attempt to insure his future financial security is through his relations with the public. When replacements were scarce and high priced during the last war, the tendency on the part of some service shops and service departments was to give slow service, charge what the traffic would bear, and turn away all customer complaints with the crack, "Don't you know there's a war on!"

Need Good Public Relations

After four years, the industry is still suffering to some extent from the poor public relations which resulted from these practices on the part of some of the dealers. The unfavorable light in which TV servicemen are viewed today by a number of consumers is due in no small part to this bad taste lingering on from the past. Even if we weren't facing a critical period, the service profession could well stand to improve its public relations. But even more than ever, now, such a program is called for when conditions will contribute to strained relations.

How can the serviceman protect consumer relations? First, by making realistic promises about delivery, and religiously keeping those promises. Second, by doing good work and using the most and the best replacements he has on hand if the job calls for a 3-watt resistor, for instance, and you

have ten 2-watts and only one 3-watt, use the part called for and worry about the next 3-watt job when it comes. Don't save something just because it is scarce—it doesn't do anybody any good on your shelves. Third, charge only a fair price (your normal markup above cost) regardless of the scarcity of the item. And if, unavoidably, the price is still one which is apt to cause customer resistance, explain the situation to the customer in advance. That is, apologize for it: you're sorry you must charge \$6.00 for a tube which you used to sell for \$4.00, but unfortunately, due to the shortages, your own cost has gone up.

Explain Shortages

Fourth, if it's necessary to make a substitution or an omission, due to shortages, explain this to the customer. And it would be a good idea to make a note of it on the bill, to avoid future question.

These are but a few of the ways to keep customers coming back. They are not unusual or ingenious, but just plain common sense practices which most dealers are already doing. We mention them merely to emphasize that they will be more important than

ever in 1951.

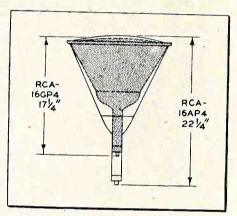
Finally, you must keep a careful watch on your own business operations in a rising market which has an inflationary trend. Watch your own costs carefully. Be sure not to "give away" merchandise at the "old prices." Don't pay too much for hard to get items—the selling price to your customers may be more than the traffic will bear, and you'll be stuck for the difference. In general, then, watch all your P's and Q's to keep in the black in '51, and to take advantage of all the service business that there will be to be done.

Many Technical Advances

Smaller sets with larger pictures produced in great numbers;

A glance at the "Trends in the New TV Receivers" in our October (1950) issue and a mental comparison with similar facts of a year previous showed that many changes had taken place in a year. Of the models available in 1950, 80% had 16-inch or larger tubes, 72% used the intercarrier IF system, 82% had built-in antennas, the average tube complement of all models was 21 tubes plus 3 rectifiers, and the average price was at least \$100. below 1949.

There was an established trend toward giving "more and more for less and less" which reached its peak in the manufacturer showings in June of last year, when everyone was settling down for a nice, slow summer. The Korean news of June 24 quickly brought an end to the downward trend of both prices and sales.



The "short" 16-inch tube, RCA 16GP4.

Since that time, production and sales have been at a break-neck pace, tempered by growing shortages of tubes, resistors and other components.

Whoever conceived the term "gut-

Whoever conceived the term "gutless wonder" coined a phrase dear to the hearts of servicemen. Nurtured as they were on the wide-open simplicity and generally faultless performance of the 630, servicemen and service-minded dealers were quick to jump to the conclusion that the transition from 30 tubes to 20 tubes meant a return to the kind of construction and performance that they were resigned to in the 5-tube AC-DC radio set. This feeling bears a little close examination, however.

The 630 (and its contemporaries) was, and still is, a jewel. It could stand improvement, however. For one thing, its high channel sensitivity wasn't too wonderful; nor was its selectivity and interference rejection too sharp on any channel. For another thing, the chassis was large physically; the power drain was fairly large; and some components,

such as the power transformer, the 5U4's and the 6BG6, were running full blast, practically to their maximum limits.

It was possible, without adding tubes, to redesign the front end for higher sensitivity and selectivity. With better tubes in both front end and IF's, coupled with the better tuner, it was possible to use fewer IF's. This meant better performance in spite of fewer tubes. Adequate stability was possible in the deflection circuits with fewer tubes; and a tube could be saved here and there by the use of dual tubes (such as 1 tube for two video amplifiers, and 1 tube for both ratio detector and first audio). Also, by the use of direct coupling to the kine, it was possible to eliminate the DC restorer, while at the same time incorporating AGC without an additional tube. With all these savings, economies could be effected in the low voltage power supply. A set incorporating all these economies need not be given the derogatory description of "gutless wonder." It could very well outperform its pre-

These shortcuts were, of course, for the most part made during 1949. It was during that year the smaller set cut its teeth, and in 1950 it was pretty well taken for granted. Even smaller sets appeared in 1950, and pretty well proved their worth.

1949 started off with the 16-inch tube (16AP4). 1950 started off with the "short" 16-inch tube (16GP4), the 19-inch, and the 16-inch rectangular. All these tubes incorporated deflection angles from 65 to 70 degrees, considerably wider than previous practice (50 to 54 degrees), and ushered in a new era. For one thing,

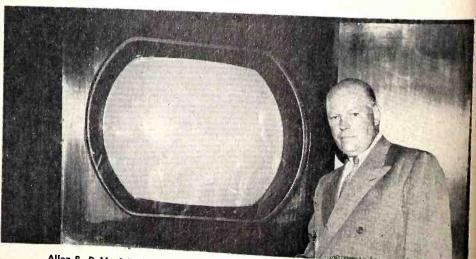


The first 16" rectangular, Hytron 16RP4.

they started a new deluge of tube types and sizes, and rumors of many more (17-inch, 19-rectangular, 20-rectangular, 21-inch, 23-inch, 30-inch, etc.). See "Wide Angle Deflection for TV," January 1950 issue RADIO & TELEVISION RETAILING, and "Rectangular Faced Picture Tubes," April 1950 issue.

With the keynote of 1951 being shortages, it is very reasonable to expect a trend toward standardization and limiting of types available in new models.

The short, wide-angle tubes needed new wide-angle yokes and focus coils, and also more deflection power. Since the 6BG-8016 deflection-high voltage system had gone about as far as it could go, new deflection and high voltage tubes were developed and a new transformer utilizing a ceramic core. The latter had taps to adjust



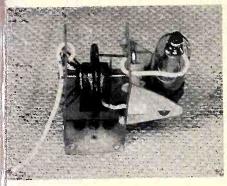
Allen B. DuMont beside his experimental 30-inch tube, largest direct-view CRT.

Made in TV During 1950

951 poses many problems, including shortages and color.

or high voltage for 8-inch to 19-inch ibes. See "Universal TV Sweep ransformer," March 1950 issue ADIO & TELEVISION RETAILING.

The tapped high voltage transformr could find a new application for
blor TV (more of this later) should
nat art continue to develop despite
ne shortage situation. The reason
or this is as follows: Being designed
s a tuned circuit, the horizontal deection-high voltage system operates
t reduced efficiency when changed
rom its standard frequency (15,750
ps) to the CBS color frequency
29,160 cps). As a result, the high
oltage drops and the picture size is
omewhat reduced. It is possible to
esign a "two-way" set (monochromeolor), however, in which a different
ap on the high voltage transformer
s used for color.

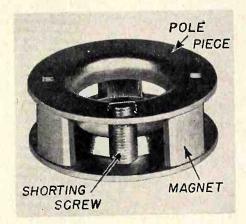


GE ceramic-core sweep transformer.

PM focus magnets, as predicted in his magazine in April 1950, became videly used during 1950. This provided focus relatively independent of regulation in the low voltage power supply, as well as effecting savings n manufacture due to the elimination of wiring-in. An improvement luring the year provided a mechancal focus adjustment outside of the back cover of the set, where it could easily be reached. See "TV Focus with A Permanent Magnet," April 1950 issue RADIO & TELEVISION RETAILING.

PM ion traps had already been pretty well established when 1950 started, but there was a great increase in the use of "single" magnets due to a redesign of the gun structure in the "short" tubes.

"Direct drive" was introduced in the deflection systems of TV sets, effecting some additional savings as well as improved efficiency. More will be said about this in a forthcoming article, but it can be simplified to the following analogy: if we could remove the audio output transformer



Quam-Nichols PM focus magnet.

from an audio amplifier and drive the speaker direct from the plate of the output tube, we would have "direct drive." In the TV set, we have a combination horizontal output transformer and high voltage transformer. In direct drive sets, there will be a (simplified) high voltage transformer but no output transformer. The deflection yoke can be considered as the voice coil in the comparison.

Several new models appeared in 1950 providing "remote control" for tuning and adjustment of the TV receiver. These are for the most part "de luxe" high priced receivers, and will probably not be produced during 1951 due to shortages.

Color TV probably created the outstanding news during 1950, but cannot be considered an accomplished commercial fact as yet. There is a possibility that the "war economy" in which we will be living during 1951 will slow down development and expansion of this field without regard to its merits or demerits.

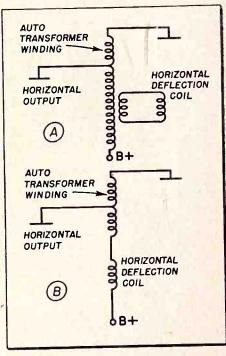
Big news in color came in the first half of 1950 when RCA announced completion of initial stages of development on its tricolor direct-view tube. This held promise of being the



The RCA 3-color tube for color TV.

key to unlock the color problem, which had hitherto been experimenting in two directions which held little promise as commercial products: a mechanical color disc, or a projection system using three kinescopes.

As is history now, however, the FCC decided to stamp its approval on the color disc without awaiting commercial completion of an all-electronic system using the tricolor tube. As this art (color TV) progresses, it is inevitable that a system using this tube will ultimately become the standard. Meanwhile, however, we have our choice of adapters, converters, "companion sets," etc., and the



(A) Conventional and (B) Direct drive for TV horizontal deflection. Courtesy RCA.

promise of a "color drum," as well as hints of even simpler mechanical ways of producting a 3-color picture.

Germanium crystal diodes, although not a new development in 1950, came in for increased use in TV sets during that year. Their increased use is predicted for 1951 due to the shortage of tubes. See "Crystal Diodes Replace Tubes in New TV Sets," November 1950 issue RADIO & TELEVISION RETAILING.

Perhaps it is significant to mention, in a review of the developments of 1950, that many servicemen and dealers have reported an abnormal amount of breakdowns on new TV sets late in the year. If that is true, (that is, if it is not due merely to the fact that twice as many sets were

(Continued on page 78)

Using an Oscilloscope

The Visual Method Affords Speed and Accuracy Not Possible With Point-to-Point

Presented Here Was Extracted from Chapter 15 of John Rider's New Book,

by John Rider and Seymour D. Uslan

 The oscilloscope is used for studying audio systems as well as the demodulation or detection process (in radios). In such a case, it is usually convenient to apply a signal of known characteristics, from an appropriate signal generator, rather than to use a received and detected signal. Various types of audio signal generators are available; they may deliver a constant-frequency sine wave, manually adjusted, or a rapidly varying frequency to cover a frequency band, automatically controlled and repeated at a constant "sweep" frequency, or the output may be a square wave rather than sinusoidal; the advantage of the square wave will be discussed later in the chapter. Other special types are available as well.

A simple setup is shown in Fig. 15-9. The signal generator may be any one of several types. The use of

a sine-wave generator will be assumed here. The generator is adjusted to some convenient level, such that the first stage of the audio amplifier will not be overloaded. If the amplifier is designed to work with an ordinary phonograph crystal pickup, the input voltage should not exceed approxi-mately 1 volt. If it is designed for service with a low-level microphone, or phono-pickup of the variable reluctance type, output should not exceed 0.1 volt.

Basic Test Setup

Unless the attenuator of the signal generator is properly designed, and used, the amplifier input stage may be overloaded, which will give erroneous indication of distortion. If the amplifier has a high impedance input, and the generator output impedance is low, the generator will form a

shunt on the amplifier input circuit so that the amplifier, when tested, will not be working under normal conditions. To overcome this defect in the test procedure, an isolating resistor may be used, as shown in Fig. 15-9, between the signal generator and the amplifier.

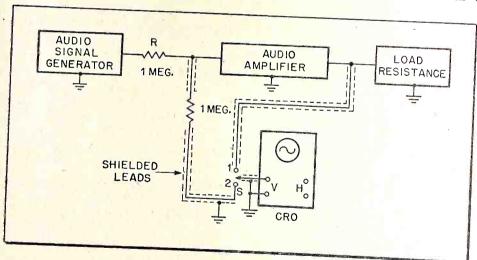
The presence of capacitance in the input impedance of the amplifier may result in a high frequency voltage drop across R. This effect can be corrected by shunting R with a capacitor of about .001 mfd. The adjustment should be made so that there is essentially constant voltage across the input circuit of the amplifier as the frequency of the generator is varied.

If the generator is a simple variable-frequency type, it may be set by hand to a number of convenient test points such as 40, 120, 240, 400, 2400, 4000, 8000 and 10,000 cps to cover the audio range. The height of the trace (sine wave) on the oscilloscope should be relatively constant for a constant input voltage.

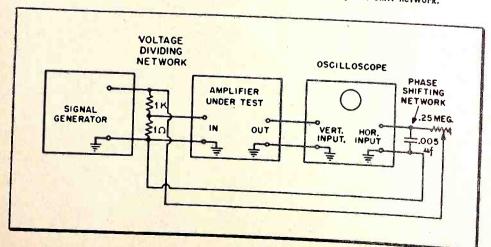
As some generators vary widely in output voltage over the audio band, it is good practice to check the generator output. This may be done by shifting the oscilloscope input directly to the generator output terminals.

When the generator is a sweep sine-wave type, its frequency is automatically varied at, perhaps, 30 times per second. The sweep may extend down to zero and up to as high as 10,000 cps, depending upon the design. Using this form of generator, the external sweep of the oscilloscope is synchronized with the sweep circuit voltage source in the generator. In this way, an automatic plot of the frequency response curve is secured.

There are amplitude, frequency and phase distortions to be considered. Using the circuit of Fig. 15-9, and assuming the use of a simple sinewave generator, the waveform of the input and output signals can be compared by the use of switch S. It is important that the input and output impedances of the amplifier be like those obtained under working condi-



Above: Fig. 15-9. Basic test set-up; below, Fig. 15-52 with phase shift network.



St., New York 13, N.Y.

This 992-page book contains approximately 3000 illustrations and covers the theory and operation of oscilloscopes, applications, schematics, and a compilation of 1600 complex wave forms. Without a doubt it will be the serviceman's bible on 'scopes and their uses.

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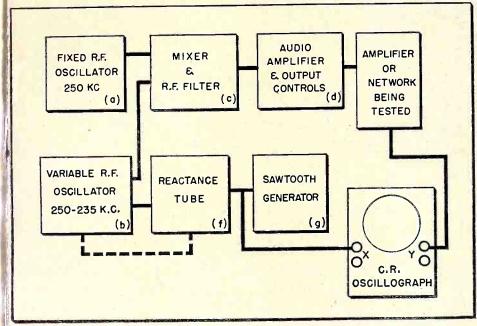


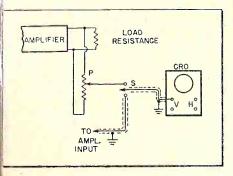
Fig. 15-46. Block diagram of beat-frequency sweep generator.

tions, if worthwhile information is to be obtained.

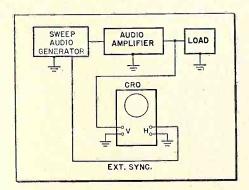
It may be mentioned, however, that the use of a sine wave for distortion testing, with an oscilloscope, is not very effective, since, at ordinary volume levels, the ear will indicate distortion before it becomes apparent on the screen. Therefore, relatively large amounts of distortion may be produced before the condition becomes evident by observation of the pattern. At loud signal levels, however, the

oscilloscope is more sensitive as an indicator of distortion than the ear.

Consideration must also be given to the relative difference in signal power levels and voltages at the input and output of an amplifier. If the voltage, for example, is 0.1 volt at the input and 10 volts at the output, the vertical gain control of the scope will need to be reset as the instrument is shifted from input to output. To compensate for this defect, a voltage divider may be placed in the circuit



Above: Fig. 15-11. Adjusting trace size.



Above: Fig. 15-31. Using sweep generator.

as shown in Fig. 15-11. The value of the potentiometer P may be about 1 megohm. As the potentiometer resistance is very high, its load-shunting effect is negligible. The arm setting is adjusted so that the height of the trace, with the vertical gain untouched, is approximately the same as that obtained for the input circuit waveform.

Sweep Frequency Testing

The tedious task of point-by-point determination of the frequency characteristic can be eliminated and immediate display of the curve presented by a rather simple means. If the audio oscillator supplying the signal is made to vary its frequency automatically, over the desired range, and at the same time cause the deflections on oscilloscope screens to present frequency, then the audio output applied to the vertical deflection system will produce a visual characteristic curve. Basic arrangement of such system is shown in diagram Fig. 15-31.

The audio band may be swept continuously from 20 to 20,000 cps, or other frequency bands, according to the design of the generator. The various types of apparatus vary somewhat in details of construction and operation.

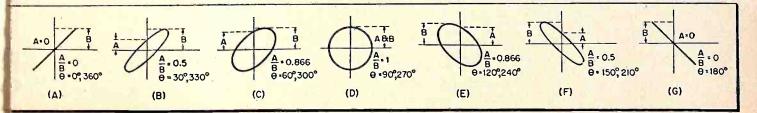
Beat-Frequency Generator

The patterns obtained using an audio sweep generator of the beat frequency type are somewhat different (for practical rather than theoretical reasons) from those secured with a photo-electric-type generator or mechanically driven unit. It is therefore worthwhile to consider some of the fundamentals involved in the generation of an audio sweep using this type of equipment.

If the frequency of the audio output voltage is varied repetitively over the range sufficiently often, a means is provided of continuously viewing the

(Continued on page 98)

Below: Fig. 15-53. Phase comparison.



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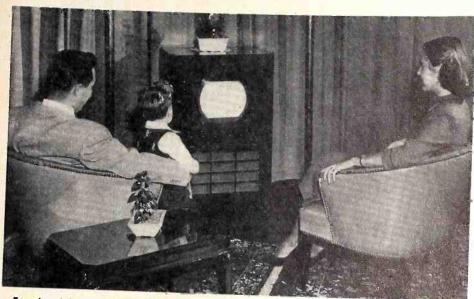
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Improved RCA Color TV Shown

Latest Demonstation Seen to Be Answer to Previous FCC Objections



Experimental RCA color-TV receiver using 3-gun tricolor direct-view kinescope as shown in recent (December 1950) demonstrations in Washington, D. C.

• RCA engineers demonstrated their all-electronic, compatible color-TV system to industry leaders in Washington, D. C. on December 5, 1950, registering many improvements over previous showings earlier last year.

As described in these pages in the May 1950 issue, the RCA system shown last April utilized either a three-gun tricolor kinescope with a 46-tube receiver or a single-gun tricolor tube with a 37-tube receiver. The experimental 3-color tubes shown at that time employed 351,000 dots, 117,000 of each color. No adapters or converters were shown at that time.

At the December demonstration three types of sets were shown: color sets, a black-white set converted to color, and a "slave" color unit for use with black-white sets. The tri-color tubes have been improved by increasing the number of dots from 351,000 to approximately 600,000. The color receiver employed 43 tubes, and controls were simplified from earlier models. In the black-white set, the 16-inch tube was replaced with a tri-color kinescope, and the extra components, including 13 tubes, were mounted on a shelf at the back of the cabinet.

Cross-section of opinion of the picture on RCA's new color receiver indicated that (1) adequate color fidelity is here, even for the most delicate flesh tints. (2) That picture texture and detail are satisfactorily provided by the 600,000 color dots of the new screens. (3) That picture brightness, now doubled or tripled, is ample, and comparable with best 1951 blackwhite. (4) That color-receiver operation is stable and needs no adjust-

ment. (5) That no flicker, color breakup or misregistration is noticeable on closest scrutiny. And (6) That new circuitry provides greater simplicity in both receivers and transmitters.

In short, it has now been demonstrated that engineers know how to deliver bright, clear, sharp, colortrue, all-electronic pictures, which being "compatible" can also be received on any present set as good blackwhite. Thus, when stations can get ready to start color broadcasting (say in one or two years), color programs can make an easy and economically safe transition from black-white reception, as the audience converts or adds color receivers.

No Filter Needed

As explained in our previous article on RCA color, the first tricolor tubes suffered a 40% loss in light output due to the use of a red filter in front of the picture tube to strengthen the reds. This was due to the low efficiency of the red phosphors available. Thus the light measured from that tube (with filter) was about 7 foot lamberts. A new red phosphor developed since then has permitted elimination of this filter, and the recent demonstration showed a brightness of 20 foot lamberts.

As to stability of the color receiver, observers report that no adjustments were made during the entire 45-minute demonstration

Concerning the picture size, it is apparent from a casual consideration that there is no limitation with the direct-view color kinescope. The read-

er will remember that this unit comprised a screen composed of an orderly array of small closely spaced aluminized phosphor dots arranged in triangular groups of three (red-emitting, green-emitting and blue-emitting). Between the guns and this screen is a perforated mask containing one hole for each of the groups of three on the screen (on the new tube this would have about 200,000 holes) arranged so that the electrons from any one gun can strike only a single color phosphor. With about 600,000 phosphor dots on the screen and 200,000 holes in the mask, it is apparent that the larger the screen, the easier it would be to construct, since the spacing would be larger.

The converter and the "slave" set provided satisfactory color pictures, although RCA's Dr. Jolliffe, in presenting them, commented that neither was more than 75% as good as a complete new color-TV receiver.

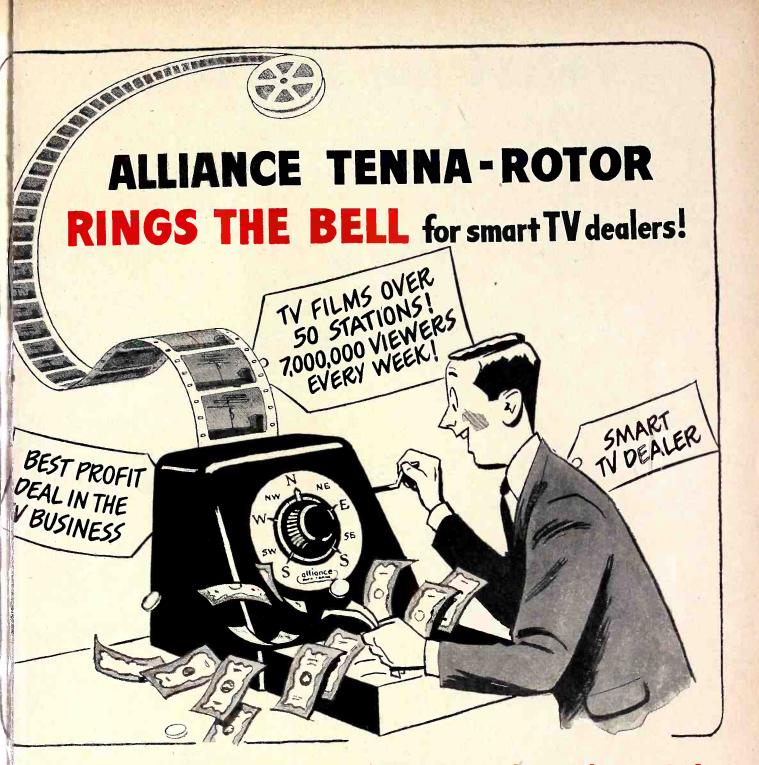
Color Decision Not Affected

Dealers, servicemen and the public will want to know what effect this latest improvement will have on the color situation. It must be pointed out that the December 5 demonstration was not presented for the FCC, and that as far as that agency is concerned, its October (1950) decision selecting the CBS field-sequential color system still stands until it has been requested to consider a better one. And then, it must be convinced that the new system is better before any changes are made in the standards as now promulgated.

As to the present state of RCA color, RCA officials themselves described their equipment as "experimental color television receivers." Concerning its readiness for commercial development, Dr. Jolliffe stated, "We do not pretend that RCA color is perfect, any more than black and white television has attained perfection... The great virtue of this allelectronic system is that it offers opportunity for continuing improvements. It does not have the limitations inherent in incompatible systems."

For more detailed descriptions of the RCA and CBS color systems, the reader is referred to following articles which appeared in RADIO & TELEVISION RETAILING:

"How RCA's New Color TV Works," May 1950; "CBS Color TV System," October 1950; "Color TV Questions and Answers," November 1950; "Converters for Color TV," December 1950.



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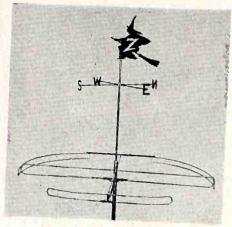
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Television Technician

Section of RADIO & TELEVISION RETAILING

Zenith TV ANTENNA

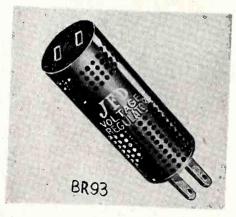
The Hollywood Television Antenna Vane is designed to give efficient TV reception while at the same time providing an attractive addition to the



home. It is a combination weather-vane and an in-line antenna designed for all-channel operation. Retail price is \$39.95. Zenith Radio Corp., 6001 W. Dickens Ave., Chicago 39, Ill.—RADIO & TELEVISION RETAILING.

JFD VOLTAGE REGULATOR

Engineered to maintain line voltages at a constant level, the 93-7 voltage regulator is designed to help produce steadier TV pictures. The unit plugs into the wall, and the receiver line cord



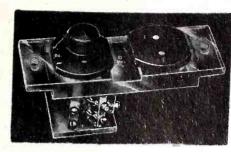
plugs into it. Voltage drop is said to be negligible at 110 volts, but increases as line voltage increases. 93-7 is rated at 300 watts and 93-8 at 375 watts. JFD Mfg. Co., Inc., 6101 Sixteenth Ave., Brooklyn 4, N. Y.—RADIO & TELEVISION RETAILING.

GE PICTURE TUBE

This firm is starting production on a 20-inch rectangular tube designated the 20CP4. It is magnetic focus and deflection, direct-view, all-glass picture tube for TV. Features include a single field ion trap and a neutral density face-plate. Maximum anode voltage is 18,000. General Electric Co., Electronics Park, Syracuse, N. Y.—RADIO & TELEVISION RETAILING.

Mosley FLUSH SOCKETS

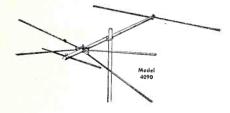
The firm has added new units to its line of flush mounted sockets for use in TV installations. All units fit standard electrical outlet boxes and receptacle plates. Sockets are provided to accom-



modate a simple antenna lead-in, an installation with two antennas, a switch-and-socket combination for use with three antennas, and sockets for four and five-wire rotators. Catalog is available on request. Mosley Electronics, 2125 Lackland, Overland, Missouri.—RADIO & TELEVISION RETAILING.

Walsco TV ANTENNA

The "Signal King" is a new conicaltype antenna with an in-line director added to improve gain on the high band. Ease of assembly and of stacking



is said to be assured by its simplified, though rugged construction. A patented insulator is guaranteed unbreakable under all conditions. Walter L. Schott Co., 9306 Santa Monica Blvd., Beverly Hills, Calif.—RADIO & TELEVISION RETAILING.

Du Mont PICTURE TUBE

This firm is now delivering the new 20CP4 rectangular TV picture tube with bent-gun and dark face-plate. Overall length is 21-7/16" and picture size is 17 x 123/4. Deflection angle is 70 degrees, maximum anode voltage 18,000. Allen B. Du Mont Laboratories, Inc., 750 Bloomfield Ave., Clifton, N. J.—RADIO & TELEVISION RETAILING.

Taco GUY ANCHOR

Model 867 guy anchor is designed to allow free rotation of mast after guy wires are attached. Made of heavy-gauge steel, it provides strength necessary for high installations where guy wires are necessary while antenna is being oriented. It also obviates reinstallation should orientation be necessary at a later date. Technical Apliance Corp., Sherburne, N. Y.—RADIO & TELEVISION RETAILING.

Centralab "H" PAD

An H-pad for attenuation of TV signals at the antenna terminals in the presence of strong local signals has been developed in printed circuit form. The pad has 4 terminals and is inserted in 300-ohm line between antenna and receiver. Four types are available and provide insertion losses of 10, 20, 30 and 40 DB respectively. Where necessary, several H-pads can be mounted on a rotary selector switch. Centralab Div., Globe-Union Inc., 900 E. Keefe Ave., Milwaukee 1, Wis.—RADIO & TELEVI-SION RETAILING.

Channel Master TV ANTENNAS

The Tri-Cone conical antenna line with "notch-lock action" is designed so that elements can't twist loose. The antennas may be assembled in a variety of styles to fit local requirements, in single bay and stacked versions. Avail-



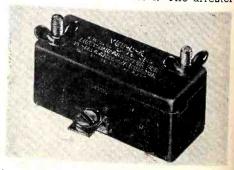
able with butted tubing (model BM716B) or seamless tubing (model BM316), tricone antennas have formed-Phenolic insulators for high impact resistance and better insulation. Channel Master Corp., Napanoch Road, Ellenville, N. Y.—RADIO & TELEVISION RETAILING.

Anchor TUBE SLEEVE

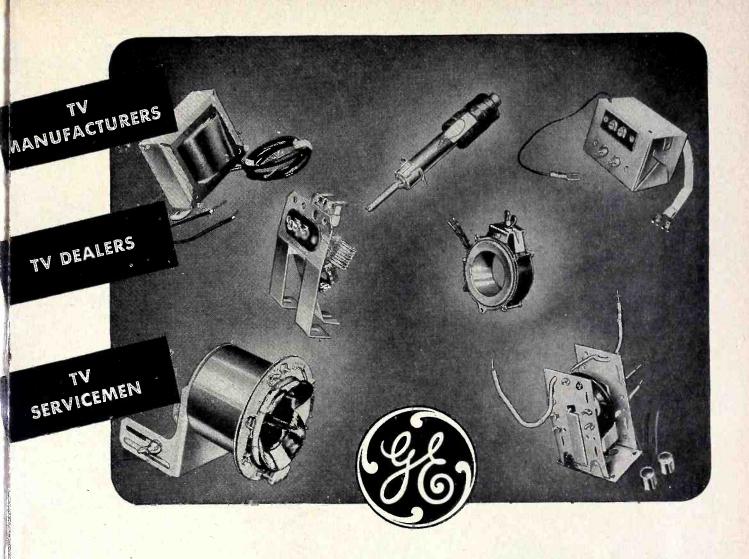
Development of a new type mounting and insulating ring and sleeve for the 17" rectangular metal tube has been announced. These are for the purpose of insulating the metal cone of the tube, which is at a high potential. Specially engineered models are available for all round and rectangular metal picture tubes. Anchor Industrial Co., 533 Canal St., New York, N. Y.—RADIO & TELE-VISION RETAILING.

Vee-D-X ARRESTER

The RW-200 lightning arrester for TV is similar in design to the 4-wire RW-204, but is constructed with 2 saw-tooth contacts instead of 4. The arrester



is said to provide positive protection for all standard installations and lists for \$1.25 LaPointe Plascomold Corp., Windsor Locks, Conn.—RADIO & TELEVI-SION RETAILING.



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CATALOG

General Electric Company, Section 2611 Electronics Park, Syracuse, New York

Rush me the new G-E Catalog of TV Components.

NAME.____

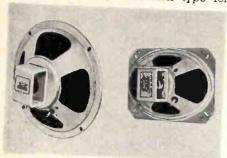
ADDRESS_____

CITY ____STATE____

New Audio & PA Equipment

Oxford SPEAKERS

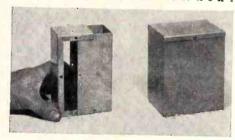
Eight new speakers have been added to the line: model 3CMWS—weather-proof speaker; 6CMWS—weatherproof speaker; 82FVS—pin cushion type for



auto replacement; models 46V45S, 60A-45S, 80A45S, 10E45S and 12E45S—electro-dynamic speakers. Further information may be had from Oxford Electric Corp., 3911 S. Michigan Ave., Chicago 15, III.—RADIO & TELEVISION RETAILING.

Insuline ALUMINUM CASES

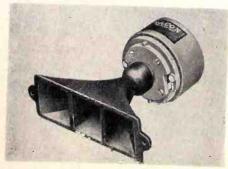
A series of two-piece aluminum cases, particularly designed for electronic equipment requiring complete shielding is called the "Flexi-Mount" line. They are available in 13 sizes from 23/4 x 21/8 x 15/8 inches to 17 x 5 x 4



inches in either natural aluminum or gray hammertone. The interlocking sections of the cases are accurately formed for snug fit and are fastened together by self-tapping screws. Insuline Corp. of America, 3602 35th Ave., Long Island City, N. Y.—RADIO & TELEVISION RETAILING.

Racon TWEETER

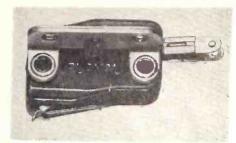
Model CHU-5 is said to provide uniform response to 12,000 cps, and is designed for use with a cone speaker and divider network in a hi-fi audio system



handling 25-30 watts. Crossover frequency is 1500 cycles, list price \$30.50. Racon Electric Co., Inc., 52 E. 19th St., New York 3, N. Y.—RADIO & TELEVISION RETAILING.

Titone PHONO PICKUPS

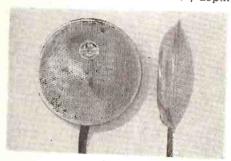
Two new ceramic phono pickups are announced: The "Playal" can be used with three types of needles, the 1-mil, the 3-mil and the "truncated" needle for both microgroove and standard records. The "Turnover" provides two sep-



arate needles, a 1-mil and a 3-mil, selected by flipping a lever. These pickups are said to provide wide frequency response, low needle talk and long record wear, and they are unaffected by humiditly and temperature changes. Sonotone Corp., Elmsford, N. Y.—RADIO & TELEVISION RETAILING.

Wright-Zimmerman SPEAKER

The model 300 reproducer is a tiny new dynamic-type pillow speaker. Outside dimensions are: diameter 3", depth



7/8". Four models are available with impedances of 3.2, 2000, 10,000 and 100,000 ohms. Wright-Zimmerman, Inc., New Brighton, Minn.—RADIO & TELEVISION RETAILING.

Scott HI-FI AMPLIFIER

The new type 210-B "Dynaural" amplifier is said to be substantially lower in price than the older 210-A. Utilizing nine tubes including rectifier, the 210-B has a flat response from 12 to 22,000 cps, extremely low harmonic and intermodulation distortion, and hum level 84 DB or more below full output. An automatic loudness control and the Scott noise suppressor are also included. Herman H. Scott, Inc., 385 Putnam Ave., Cambridge 39, Mass.—RADIO & TELE-VISION RETAILING.

Industrial Devices TESTER

The 400PT potential tap consists of a thin plate which slips over the prongs of a standard Edison plug and provide two tip jacks for phone tips. With this device, an appliance may be tested with a voltmeter while the appliance is plugged in and operating. Industrial Devices, Inc., Edgewater, N. J.—RADIO & TELEVISION RETAILING.

Rauland-Borg AMPLIFIER

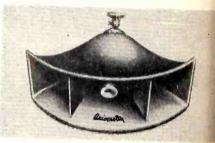
Model 1810 is a new low-cost 10-watt amplifier, equipped with 3-position input selector switch for magnetic or crystal pickup and auxiliary high level



input. Frequency response is 40-20,000 cps, plus or minus 1 DB. Both bass and treble boost and cut are provided. Rauland-Borg Corp., 3523 Addison St., Chicago 18, Ill.—RADIO & TELEVISION RETAILING.

University PAGING SPEAKER

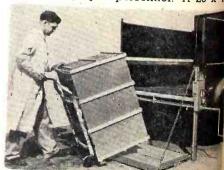
The Cobra-12 has an input capacity of 12 watts and a frequency response of 250-10,000 cycles, and is designed for wide angle dispersion of sound in



the horizontal plane. Size of the mouth of the speaker is 20" x 9", dispersion angle 120 degrees x 60 degrees. University Loudspeakers, Inc., 80 South Kensico Ave., White Plains, N. Y.—RADIO & TELEVISION RETAILING.

Venco TAILGATE LOADER

This one-man tailgate loader for $\frac{1}{2}$, and 1 ton pickup trucks is designed to save time and labor, and provide protection against damage to merchandise and injury to personnel. A 28 x 48



inch platform is used to raise loads of up to 600 pounds onto the truck bed. When not in use, it closes flush with the truck. For specific information, send model, year and tonnage of truck to W. K. Vogel, The Ven Corp., 2832 Newell St., Los Angeles 39, Calif.—RADIO & TELEVISION RETAILING.

Here's the BOOSTER that says S'to all your demands...



THE FULLY AUTOMATIC TV-FM BOOSTER

Here at last is a TV Booster that gives you gain up to nine times, full band width for undistorted video and audio on all channels, plus — the newest development in booster design completely automatic operation.

The ITI AUTOBOOSTER turns itself on and off and is automatically tuned by the normal operation of the TV receiver. No confusing array of knobs — no unsightly mess of wires — You can install the ITI AUTOBOOSTER in the back of the receiver, out of sight. You get all the improved performance, all the fine picture quality that this precision-engineered booster can give you with none of the trouble of tuning, none of the exposed wiring usually involved in booster operation.

Customer acceptance is assured, too, because no customer instruction is needed. After it's installed, all you can see is the improved picture.

> WRITE FOR SPECIFICATION SHEET ORDER AUTOBOOSTER FROM

AUTOMATIC ON-OFF AUTOMATIC TUNING CONCEALED INSTALLATION SINGLE OR DUAL INPUT HIGH UNIFORM GAIN

BUY THE BOOSTER THAT SAYS to all your PROBLEMS

YOUR JOBBER TODAY! D

BOOSTER CHECK LIST OTHER BOOSTERS TESTED <u>AUTOBOOSTER</u> NO NO NO NO NO XXS NO VES NO NO NO Automatic On-Off NO NO NO NO NO **Automatic Tuning** NO NO MES NO Concealed Installation NO XXS YES NO. NO NO Full Bandwidth VES NO NO NO NO (All Channels) NO Amplifies FM Band NO XES. NO NO NO Single or Dual Input NO NO NO YES Gain 19db on Low NO NO Channels 2-6 FM NO NO NO Gain 14 db on High NO NO NO Channels 7 - 13 NO Made by a TV Receiver NO NO Manufacturer

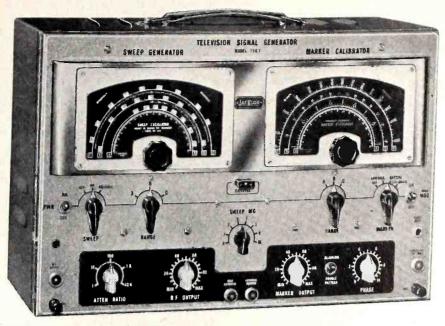


THE ONLY TV BOOSTER DESIGNED AND MADE BY A TV RECEIVER MANUFACTURER



359 LEXINGTON AVE

this makes TV alignment simple from End to End



the **NEW** Jackson Model TVG-2

Service men the world over buy Jackson instruments for accuracy and simplicity of operation And why not? Just look at the features incorporated in this new '51 model Television Generator:

- Continuously variable sweep frequencies over all TV and FM bands
- Reversible single response pattern with base line or double pattern
- Adjustable sweep width from 100 KC thru 18 MC
- Marker Calibrator continuously variable from 100 KC thru 216 MC
- Separate Crystal Oscillator for use either as a marker or calibrator
- Video Modulation Jack provides for picture or pattern modulation
- Marker Calibrator IF frequencies all on highly stable fundamentals
- Multiple shielding of attenuators and circuits insures low leakage
- Complete Sweep and Marker Generators in one beautiful instrument
- Styled to match the famous Jackson Model CRO-2 Oscilloscope

Truly another "Service Engineered" electronic instrument.

Ask your Jackson Distributor or write for free bulletin.

JACKSON

Electrical Instrument Co. Dayton 2, Ohio
In Canada: The Canadian Marconi Co.

TV During'50

(Continued from page 67)

installed in a month as in any earlier period), then it may well be considered as somewhat of a failure in quality control due to stepped up production, and possibly also the introduction of substitute parts bought "hand-to-mouth" in a scarce market. That is, it is not necessarily due to poor design, and as a matter of fact, is most likely not due to that cause. It may seem, on the face of it, that this information is no consolation to the person fixing the receiver, but the distinction is really an important one. It is much easier to find and correct a broken down component than it is to redesign a faulty circuit.

In considering the outlook for 1951, we have several times mentioned the word "shortages." We have already had shortages (in the second half of 1950) which were due partly to a high production rate which gobbled up all available parts and needed more, plus some scare buying and hoarding. We have been told that production for the government will really get under way during 1951, and already allocations of some critical basic materials have started to affect us. The outlook for 1951 is one big question mark, but at least one important industry figure has guess-timated a 1951 TV production figure which is about 45% below the 1950 total. Without a doubt, in order to get out as many sets as possible, manufacturers will consolidate their lines to a few of the more basic models, those which are most salable. In addition, they will attempt to conserve critical materials and components to the best of their abilities while still preserving their reputations. Fewer, simpler models can only be to the advantage of the service

Developments in UHF and color, which would complicate rather than simplify receivers, are apt to proceed slowly for the time being, due to the above reasoning.

New Tel-O-Tube Reps

Samuel Kagan, president of Tel-O-Tube Corp. of America, manufacturers of cathode ray tubes, has announced the appointment of A. Sidney Hardy, 4238 Power's Ferry Road, N.W., Atlanta, Ga., to represent the company in the southeastern territory. S. M. Levin, Main P.O. Box 405, St. Louis, Mo., another newly appointed Tel-O-Tube rep will handle the St. Louis territory.

Waters Conley Moves

It was announced recently that the Waters Conley Co. has moved to a new address at 362 West 57th St., New York 19, N. Y.

March Margar



AIR COOLED TELEVISION BALLASTS



Choice of Manufacturers for **ORIGINAL** Equipment

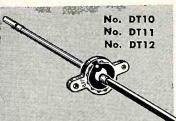
Cash in on the growing TV ballast replacement market. You can't go wrong when you use the EXACT TV Ballast ORIGINALLY Used by the Manufacturers themselves. Models for EMERSON, MOTOROLA, TELE-LIST TONE, BELMONT, STEWART-\$2.25 WARNER, PILOT, and others.

Each



DURABLE BRASS SPRING **BRASS and PHENOLIC SHAFTS**

JFD has the most complete line of Detent Switches on the market ... exact replacements for RCA, Emerson, Admiral, Teletone and other TV sets. Designed for RCA Tuners used in 630, 700 and 721 type chassis. Available with or without locating plates. Write for FREE Replacement Reference Chart No. 60R.



No. DT10 . . . Short shaft, com-plete with locating plate. (Re-places RCA part No. 71463.) No. DT20, without locating plate.

No. DT11 . . . Long shaft, com-plete with locating plates. (Replaces RCA part No. 72743.)

No. DT12 . . . Extra long shaft, complete with locating plate. (Replaces Admiral part No. 76B14 used in entire Model Series No. 30A and 8C.)

No. DT22, without locating plate.

No. DT13



(Designed for use with RCA TV Tuner part No. 71531— Replacement Type 201E1.)

No. DT13 . . . All phenolic shaft, complete with locating plate. (Replaces RCA part No. 73440.) Designed for use with RCA Tuner Replacement Types No. 74941, 73435, 74571.

No. DT14 . . . All phenolic shaft, complete with locating plate, for new RCA TV sets. (Re-places RCA part No. 75162.)

Write for Complete Catalogue of JFD Television Antennas and Accessories, No. 58G

WORLD'S LARGEST SINGLE SOURCE OF TV ANTENNAS and ACCESSORIES



TV Voltage Regulators

FOR REALLY STEADY TV PICTURES

Produces steadier TV pictures despite line voltage changes. Male and female connections. Operates on either 110v AC or DC. Plugs in between the TV set line cord and outlet. Recommended for use with all leading makes of TV sets: RCA, DUMONT, PHILCO, ADMIRAL,

EMERSON, ZENITH, etc.
Model 93-7, 300 watts. List price, each \$2.85 Model 93-8, 375 watts. List price, each



Cleer Beam

"YOU CAN SEE THE DIFFERENCE!"

JFD "Cleer Beam" Wave Traps filter out FM image and amateur harmonic interference easily and effectively. Simply attach universal mounting bracket to television cabinet or chassis, then attach lugs to antenna input terminals. Result: clear, bright pictures with sustained signal strength. List,

\$2.75

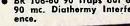


Without JFD Wave Trap



With JFD Wave Trap

- BR 106-10-30 Traps out amateur Harmonic Interference from 14 and 28 mc bands. BR 106-80-110 Traps out FM
- Image Interference. BR 106-30-60 Traps out 30-60 mc amateur Harmonic In-
- terference. BR 106-60 90 Traps out 60-90 mc. Diathermy Interfer-





MANUFACTURING CO., Inc.

6107 16th Ave., Brooklyn 4, New York FIRST in Television Antennas & Accessories



Flashing Light Indicates Antenna Location

Everyone who has seen it, has given "Rave" notices to this sensational new type indicating antenna rotator. And it sells at a remarkably low price.

Crown's electric eye indicator flashes 2 times for East, 3 times for South, 4 times for West, and continuously for North (end of rotation). Intermediate points (NE, NW, SE, SW) flash once.

Best of all, you get the famous Crown rotator Drive Unit, generally conceded to be the most carefully built, skillfully engineered unit on the market today. Electrical stops . . . life-time lubrication . . . electrically safe . . . ball-bearing equipped . . . simplified installation . . . machine cut gears . . . yes, Crown has all the features.

GET YOUR SAMPLE ORDER MAILED TODAY.



LIST PRICE 44.95
Compass indication model 52.95

CROWNAntenna Rotator

Crown Controls Co., Inc. New Bremen, Ohio

(patents pending)

Promoted by Crosley



The promotion of Harry E. McCullough (above) to manager, radio and television sales section, for the Crosley Division of Avco Corp., has been announced by W. A. Blees, Avco vice-president and Crosley general sales manager.

Starrett Ad Program

After a month's absence, Miss Adele Godnick has returned to her position as advertising and publicity manager for Starrett Television Corp., 601 West 26 St., N. Y. Miss Godnick's return spearheads an intensive advertising and promotional campaign planned for distributors and dealers.

Smith Succeeds Sparks

John J. Smith was recently elected as president of the Sparks-Withington Co., Jackson, Mich. His election took place at the annual meeting of directors of the television and auto accessory manufacturing firm. He succeeds Harry G. Sparks, general manager of the company since 1935 and president since 1943.

Appliance Executive



R. F. Doyle, above, has been appointed executive vice-president and general manager of the Appliance Manufacturing Co., Alliance, Ohio, makers of Duchess, Ace, Aristocrat, and several private brands of washing machines.

New Catalogs, Booklets, Bulletins & Pamphlets

Tube Dept., RCA, Harrison, N. J. A w service parts directory lists recement parts and schematics for 56 A Victor TV models made between 6 and June 1950. The new directory, m SP-1007, contains 80 pages and is ailable from RCA tube and parts distutors. The 1951 edition of the RCA ference Book, the "pocket directory" basic data on RCA tubes, electronic mponents, test equipment, batteries d miniature lamps, has been shipped RCA tube and parts distributors for e to radio service dealers, techtans and engineers. The reference ok is also a diary, calendar memo, dress book and world atlas. This ar's book has more pages than presusly, and contains many features not retofore included.

Pyramid Instrument Corp., 49 Howard, New York 13, N. Y. A sixteen-page mual No. 110, "How to Make Your Easier with the Amprobe," the cket-size snap-on volt ammeter, is w available by writing the firm. The oklet describes the functions of the w tool for anyone who installs, rers, services or maintains electrical aipment. It also describes some of many jobs on which this instrument save time and trouble, and explains details of how to use it and how to d the scales.

11. A. Miller Mfg. Co., 1169 E. 43rd Chicago 15, Ill. A new 40-page extet catalog covers the Miller line of lacement needles for use in phonoph pickups, listed by pickup manuturer, complete with installation inctions, together with other valuable es and service information pertainto needles. Available by writing ect to the manufacturer.

Veller Electric Corp., Easton, Pennasissued a revised edition of their bular 20-page pocket manual of solding entitled "Soldering Tips." The bk contains time saving methods, do's don'ts, fluxes and solder tables, with step-by-step illustrations. Dies may be had by sending 10¢ ect to the firm.

heldon Electric Co., 98 Coit St., ngton 11, N. J. "Television Misinfortion" is a periodical pamphlet publed by this manufacturer of TV picture tubes, and is designed to correct the of the misinformation rampant in TV industry. Dealers and service on alike will find it both interesting amusing. Free subscription may be 11 by writing the firm.

Newcomb Audio Products Co., 6824 dington Ave., Hollywood 38, Calif. A aplete new catalog of Newcomb porters is available free of charge. All dels are illustrated and thoroughly cribed with detailed specifications.

Satisfied Customers

(Continued from page 44)

the benefit of feminine customers.

A technician at heart, Halmos still uses servicing as an important part of the business. His understanding of technical functions and requirements, along with his ability to handle a tough servicing job himself, if necessary, help him to keep customers happy and satisfied. And Halmos firmly believes that there's nothing better for building more sales than a satisfied customer.

Both members of the Halmos team

are quite pleased with their new store. The slanted show window eliminates giare and reflections and permits easy viewing of the entire inside of the store. This, in effect, places the entire show floor "in the front window." The unusual wall paper design, too, adds to the attractiveness of the store. Because of the way it reflects light, it appears to change pattern when viewed from different parts of the store. A small office and "counter" is partitioned off at the rear of the store. The basement provides storage space and room for the service department, the place, says Halmos, where a job well done does so much toward assuring customer satisfaction.





UNTUNED TELEBOOSTER

Model S-505

4950

(Shown on top of TEC's New 19" Receiver)

The S-505 is the same finely engineered design originally rated as "the Best Buy" among all the leaders. However, with a desire to make a "Better Buy"—the engineers at TEC have added a gain control and other electrical improvements. The gain control was found essential to reduce gain on some channels where the extreme gain of the S-505 blocked the front end. The S-505, a fringe area must, is available for immediate delivery. The wide-band flat response of this untuned Booster is ideal for inter-carrier sets for equal amplification of both picture and sound.

TELECOUPLER*

MODEL S-501

The TEC TELECOUPLER* S-501 is the answer to multiple set operation from one antenna. Designed to operate 4-300 ohm or 8-75 ohm sets simultaneously, the S-501 can be cascaded to serve up to 12-300 ohm or 24-75 ohm sets—ideal for apartments. The S-501 matches 300 or 75 ohm sets in any combination and will operate with Hi or Lo antennas. Each antenna outlet is completely independent with no interaction. Now the dealer can operate all his sets at once and give the customer a true comparison to choose his set. The S-501 is ideal for small apartments, Radio dealers, and other multiple installations.

INDUSTRIAL TELEBOOSTER*

MODEL S-503A

The S-503A is a wide band booster covering channels 2 through 13 without any switching and was specifically designed for use with the S-501 telecoupler in low signal

Write for Complete Bulletins R-2

T. M. REG. AND PAT. APP.

TELEVISION EQUIPMENT CORP. 238 WILLIAM ST., NEW YORK 7, N.Y. IN CANADA THE AHEARN & SOPER CO. LTD. OTTAWA





New TV Receivers

Sparton TABLE TV SETS

Table model TV sets in the Sparteline include the Whitney, shown her 17-inch model in mahogany cabin (5101) at \$279.95, in blonde (5102)



and in limed oak (5103) \$289.95; the Berkeley, 17-inch set in Duron-mahogany (5104) at \$249.95; the Belmar, 17-inch set in mahogany (5025) at \$279.95, and in blonde (5026), at \$284.95. Sparton Radio-Television, 2400 E. Ganson St., Jackson, Mich.—RADIO & TELEVISION RETAILING.

Hallicrafters 16-INCH TV

A new 16-inch rectangular tube table model TV set has been added to the line. Called the model 810C, it features a black picture tube, color-circuit con-

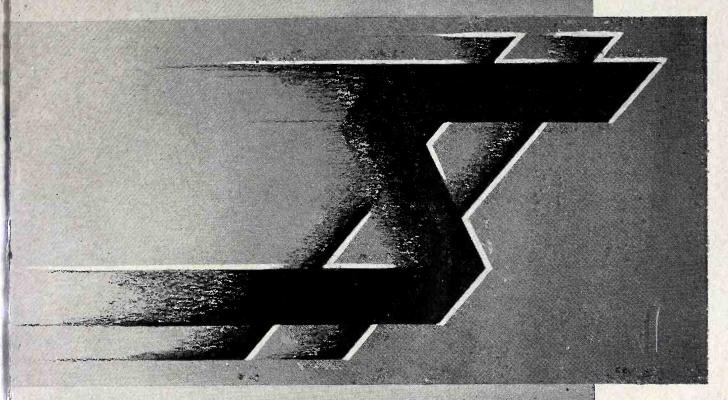


nectors, and cabinet in brown leather ette 19" wide, 19½ high, 19" deep. List price is \$239.95. The Hallicrafters Co. 4401 W. 5th Ave., Chicago 24, Illerand Department of the Parameter of the Parameter of the Control of the Parameter of the Par RADIO & TELEVISION RETAILING.

Transvision TV SETS

The new television line includes the Empire, shown here, with full length doors and 19" picture, FM radio and 3-speed phono; the Georgian No. 4, in traditional traditional mahogany or blonde oat cabinet, with features similar to the Em pire. Other models include: the Waldorf Console, two piece console consist dori Console, two piece console consisting of TV set and matching base with drawer for 3-speed phono; the Georgian No. 1, 19" console; the Banner, rectangular tube console; the Waldorf, compact table model. Transvision, Inc., New Rochelle, N. Y.—RADIO & TELEVISION RETAILING. RETAILING.

Today." Speed is spelled with a dollar sign!



. and you can spell it that way with

er 1,000,000 sold! e METROPOLITAN—TA-49

The industry standard, Model TA 49, with lead-in line.
3-section telescoping dipoles. Individually packaged. Six to a master carton. Shipping weight, 11 pounds.
LIST PRICE, \$6.95.

istocrat of indoor antennae! e COSMOPOLITAN—TA-55

Uniquely beautiful FOTO-TENNA. Handsome brown leatherette, 11" × 14" closed, opens to app. 22½" × 14". Complete with lead-in wire. Individually packaged. Packed 12 to a master carton. Shipping weight, 22 lbs. LIST PRICE \$7.50.



SPEED PAYS

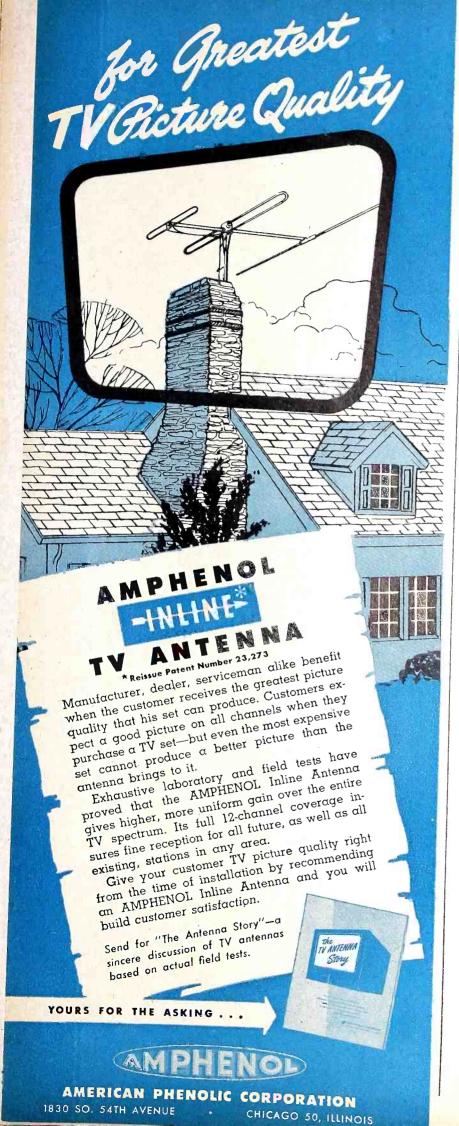
Get Profit-Facts Today!

Radion

Whatever simplifies and speeds your operations, these days, saves profits that otherwise seep away. *Radion* holds that profit-line for you. Saves time on every installation—often saves hours on a single job. Saves time in making sales because *Radion* brings in that picture—sure, sharp and clear—cinches many orders in a jiffy. Add that dollar sign to YOUR \$ales and \$ervice—mail the coupon!

THE RADION CORPORATION 1137 Milwaukee Avenue, Chicago 22, Illinois

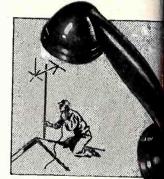
THE RADION CORPORATION 1137 Milwaukee Ave., Chicago 22, Illinois	R-I
For money-making data on RADION p	roducts, check
☐ Metropolitan No. TA-49 ☐ Cosmopolit	an No. TA-55
Name	•••••
Company	••••
Address	••••••
CityZoneSta	te

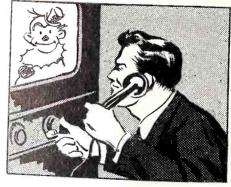




MAKE ACCURATE TV INSTALLAT WITH WHEELER Sound Powered Pho

No MORE GUESSWORK, compasses, trick signalling. Now your man-atthe-set talks directly to the man-at-the-antenna while adjusting! Results: Accuracy, speed, convenience, more jobs per day, and fewer customer callbacks. These add up to MORE PROFITS!





WHEELER
Powered PH
are truly ports
cause no aux
power is needs
pick up the
and start to
They're tough
need no maint
At the low probe without the
vantages? See
jobber or within

ELECTRICAL CHARACTERISTICS:

No batteries or power supply—voice actuated element in manent magnetic field generates power • Operates over conductor metallic or single wire and ground return constructions of the supplements of the su

WHEELER



INSULATED WIRE CO., INC.
1102 E. AURORA ST. WATERBURY 20,0

DIVISION OF THE SPERRY CORPORATION



OPENS TV sales areas beyond present limits. Picks up where 4-element antennas leave off in fringe area reception. Extra director steps up gain and minimizes interference. Two-diameter antenna element increases bandwidth.

Available for any channel - high or low-band.

High-band is "Click-Rig" assembled (snaps in place in less than 1 second). Low-band is TACO "Jiffy-Rig" assembled. Can be stacked for extra-high gain. Special harness available to permit use of one leadin for several high and low-band antennas.



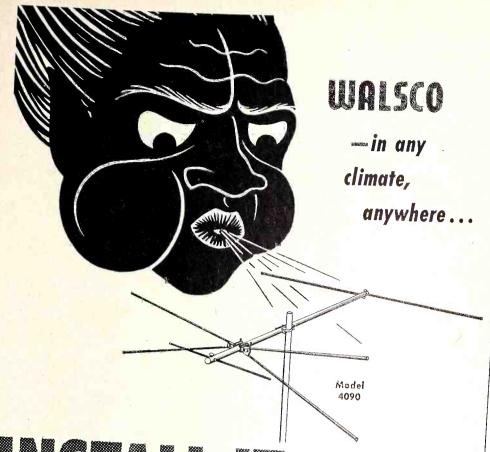
SEND TODAY FOR CATALOG 32.

Complete technical information on untenna types. Curves and directivity patterns,

DIO & ELECTRONIC EQUIPMENT

ECHNICAL APPLIANCE CORPORATION

ERBURNE, N.Y. IN CANADA: STROMBERG-CARLSON CO., LTD., TORONTO 4, ONT.



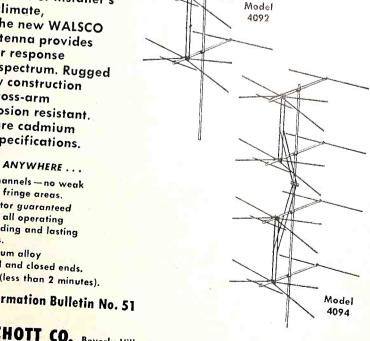
and FORGET

No fear of costly "call backs" that eat up a dealer or installer's profit. In any climate, anywhere ... the new WALSCO Signal King antenna provides sharper, clearer response over entire TV spectrum. Rugged aluminum alloy construction for elements, cross-arm and mast. Corrosion resistant. All steel parts are cadmium plated to AN specifications.

NOTHING LIKE IT ANYWHERE . . .

- High gain on all channels no weak spots. Excellent for fringe areas.
- Entirely new insulator guaranteed unbreakable under all operating conditions. Outstanding and lasting dielectric properties.
- Marine type aluminum alloy elements, reinforced and closed ends.
- Assemble in a jiffy (less than 2 minutes).

Write for Information Bulletin No. 51



Phonos & Recorde

Wilcox-Gay RECORDERS

Two new recorders have been to the line. Model 1C10 Recordio disc recorder shown here, provi full hour of tape recording, as w disc recording. It comes in a lu type carrying case and weigh



pounds. Another recorder announ model IJII Recordette-3, is slig larger than a portable typewriter, provides for 3-speed recording playing. Includes a radio, making radio-3-speed phono and recorder. cox-Gay Corp., Charlotte, Mich.—RAD & TELEVISION RETAILING.

Audio Master PHONO

A redesigned version of the Aud Master transcription playback machin has been announced. This 3-spec player plays all sizes of discs from inches to 17½-inches. Eight inch speak er is detachable, is supplied with 10-foot cord. Microphone jack recent built in to the machine makes it a P.A. system with audience capacity of about 500 persons. Earphone jack is also but in. List price is \$64.50. Audio-Maste Co., 425 5th Ave., New York, 16, N. Y. RADIO & TELEVISION RETAILING.

RCA PHONOS

Two new phonographs have been an nounced, a compact portable model and a specially decorated model for chil dren. The portable, model 45-EY3 shown here, lists for \$34.95 and weight



less than 13 pounds and measures 7 high, 111/2" wide and 111/2" deep. The children's model, 45-EY-15, lists for \$29.95. Both automatic 45-RPM models play up to 50 minutes with one touch of a button RCA Victor Division Radio of a button. RCA Victor Division, Radio Corp. of America, Camden, N. J.—RADIO & TELEVISION RETAILING.



e RAYTHEON Bonded ELECTRONIC TECH-AN PROGRAM provides four compelling to create customer confidence—Certificates, ification Cards, Creed Displays and Decals. ed Dealers who use these service-business ers to identify themselves as capable, deable technicians are finding them positive ction against the recent attacks on the integf Television and Radio Service companies. you're a Raytheon Bonded Dealer, promiy display your new 1951 Certificate—be sure men use their Identification Cards. Ask your

Raytheon Distributor for more Creed Displays for window and counter use, and get enough Bonded Decals to adorn every window and door. These Bonded pieces are as important to your business as the tools in your kit.

If you're not a Bonded Dealer, better get in touch with the Raytheon Distributor in your locality. Find out if you can qualify for the Bond! If you can, this great program that cash-protects your 90-day guarantee on TV and Radio repairs is yours absolutely free, because the Bonded Program is Raytheon's investment in your future!

ERE ARE MORE WAYS TO INFLUENCE CUSTOMERS! RAYTHEON'S TERRIFIC COLLECTION OF SALES AND SERVICE AIDS!

IMINATED TEST PATTERN CLOCKS . METAL OUTDOOR SIGNS . EDGELIGHTED NS . DUMMY TUBE CARTONS . DISPLAYS . JUMBO TUBE CARTONS . SHOP CKETS . STATIONERY . REPAIR STICKERS . SHIPPING LABELS . TUBE DATA CHARTS . AND MANY OTHERS

EE YOUR RAYTHEON DISTRIBUTOR ABOUT THEM TODAY!



Excellence in Electronics

RAYTHEON MANUFACTURING COMPANY

Receiving Tube Division

Newton, Mass., Chicago, III. Atlanta, Ga., Los Angeles, Calif. RADIO AND TELEVISION RECEIVING TUBES • CATHODE RAY TUBES

SPECIAL PURPOSE TUBES • SUBMINIATURE TUBES

MICROWAVE TUBES

Rollie Sherwood Promoted By Hallicrafters

William J. Halligan, president of The Hallicrafters Company has announced the appointment of Rollie J. Sherwood as vice-president in charge of sales. Mr. Sherwood has been general manager since 1946.

New Trav-Ler TV Set

Announced is the new Trav-Ler model 20A50, a de luxe console, having a 20-inch tube. Retail price is \$399.95 including tax and one year parts warranty.

Raytheon Ad Campaign

In its Public Service campaign being conducted in 44 newspapers to tell "the truth about all television," the Belmont Radio Corp., manufacturer of Raytheon TV explains the reasons why a television set needs proper installation and service.

District Sales Managers

The appointment of Stanley J. Marks and L. L. Finch as district sales managers for Freed-Eisemann television consoles was announced by Arthur Freed, president, Freed Radio Corp., New York.

New Receivers and Phono Players

Sparton RADIOS

The new Sparton radio line includes: #130, 5-tube AC-DC set in black plastic case, priced at \$24.95; similar models 132 in maroon and 139 in ivory at the same price; #141, 8-tube AM-FM table model in mahogany cabinet, at \$79.95; #142, similar model in blonde, at \$84.95; and #152, AC-DC portable in maroon case, \$24.95. Sparton Radio-Television, 2400 E. Ganson St., Jackson, Mich.—RADIO & TELEVISION RETAILING.

Markel "PLAYMASTER"

Improved version of the "Playmaster" record player has been announced. This new model features a new trip mechanism for playing non-standard and imported records; heavier turntable bearings; new automatic stop; and separate set-down adjustments for both 10 and 12 inch records. Plays automatically



one side of any stack of records, any size in any speed, and one or both sides of all 10" and 12" records. Model 74 fits most radio-phono-TV combinations; model 75, with a wood finish cabinet base, attaches to any radio or TV receiver. Markel Electric Products, Inc., 145 Seneca St., Buffalo 3, N. Y.—RADIO & TELEVISION RETAILING.

Music Master PHONOGRAPH

Latest addition to the line is the model 167, shown here, portable 3-speed automatic record changer and amplifier. Features dual needle arm, full range tone and volume controls.



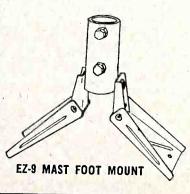
Plays all sizes in all speeds. Luggage type case is covered in pig grain leatherette, equipped with lock and key. Tone Products Corp., 225 W. 17th Street, New York, N. Y.—RADIO & TELEVISION RETAILING.

Easy-Up Presents NEW 4-Way ROOF MOUNT

FOR TV ANTENNA MASTS

Strong • Simple
Inexpensive • Rustproof
Tips up from 4 sides
Fits practically all needs

The new EZ-9 Mast Foot Mount fits peaked, pitched or flat roof. Anchors mast up to 1½" OD, by two ¾" bolts with lock-nuts. (Companion model EZ-9A fits masts up to 2" OD.) Extra heavy-duty construction—all-steel (no welds), hot-dip galvanized overall for positive weather-proofing. Permits tipping mast up from any of four sides. It's everything you want in a roof mount.





DEALER PRICE
Model EZ-9

§ \$195

(1½")....only

EZ-9A (2").....\$2.37

By the makers of Easy-Up Towers and complete line of pole accessories including Guy-Wire Clamps, Thimbles, Pole Rings and other Mast Foot Mounts.



"Never Before has Man Obtained SO MUCH for SO LITTLE as from a TELEVISION SET"

If a Television Set were selling for \$2,500 today, you would be laying away your money to buy one—to see the great cultural, news, educational, sports and entertainment programs now being telecast.

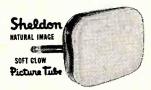
You certainly should buy a good, large screen television set—at the present prices of \$100 to \$400. You'll really be living—if you own a set.

Leave it to the engineers, the experimenters, the industrial users and the "firsters" to buy Color Television now. They'll spend the necessary years to develop it to the same stage of PERFECTION and SIZE that Black and White is today. When it is perfected to your satisfaction, you will buy a color set also.

By that time you will have bought 2 or 3 Black and White Television Sets from your dealer—a three-television-set-home will be the normal thing.

WHILE THEY'RE STILL AVAILABLE AT YOUR DEALER

BUY A TELEVISION SET TODAY



SHELDON ELECTRIC COMPANY

Manufacturers of Sheldon "TELEGENIC" Television Picture Tubes

A Division of ALLIED ELECTRIC PRODUCTS INC.

Irvington 11, New Jersey

SHELDON TELEVISION PICTURE TUBES • SPRING-ACTION PLUGS & CUBE TAPS • SHELDON ALUMINIZED REFLECTOR FLOOD & SPOT LAMPS
SHELDON INFRA-RED HEAT LAMPS • SHELDON PHOTOFLOOD AND PHOTOSPOT LAMPS • SHELDON & FLASH FLUORESCENT LAMP STARTERS
SHELDON RECTIFIER BULBS • TAPMASTER EXTENSION CORD SETS • TAPMASTER RUBBER CUBE TAPS

O ALLIED ELECTRIC PRODUCTS INC.



This advertisement appeared as a full page in many of the leading newspapers, with a total circulation of over 6,000,000, and will appear in many others.

Hathay Churchting PRESIDENT

Whether by coincidence or not, wherever this ad appeared, it helped to sell Television Sets.

DEALERS, JOBBERS! Ask your set manufacturer for reprints (18" x 23", full newspaper size) for use as a window display. **DEALERS, SERVICEMEN!** Ask your set distributor or parts jobber for reprints.

SET MANUFACTURERS, DISTRIBUTORS, PARTS JOBBERS! Write us for FREE reprints.

New TV Set Announced

A 17-inch rectangular tube TV set made by Air Marshal Corp., 12 E. 44 Street, New York City, features a hand rubbed mahogany cabinet (table model), built-in directional antenna, and two-knob control. The list price is set at \$199.95.

UTC Sales Manager

It was announced recently that Hank Russell has taken over as United Transformer Company's new general sales manager. He replaces Ben Miller, who has retired. The firm is located in New York City.

Sheldon TV Ads

Sheldon Electric Co., Irvington, N. J., is sponsoring full page advertisements in leading newspapers throughout the country promoting the sales of TV sets. Using the headline, "Never Before Has Man Obtained So Much for So Little as From a Television Set", Sheldon points out that television, at any price, is a bargain today. It holds no brief for or against color when it says that if color "is perfected to your satisfaction, you will buy a color set also." This advertisement also plays up the point that two or more television sets in every home should be the normal thing.



Wheeler PHONE SETS

Sound-powered telephone handsets are designed to simplify TV installation and orientation, as well as permit more efficient work to be done. The phones require no battery or power supply, but simply a two-wire conductor connecting the phones, or single wire and ground return. Voice actuated element in permanent magnet field generates generates power. Operates satisfactorily up to 25 miles with #16 wire, up to 15 miles with #19. Two phones are required, one with #19. Iwo phones are required, one for installation man on the roof, one for use at the receiver. F.O.B. factory price per phone \$12.50. Wheeler Insulated Wire Co., Inc., 1102 E. Aurora St., Waterbury 20, Conn.—RADIO & TELEVISION RETAILING.

Hi-Lo INDOOR TV ANTENNA

The design of this all-channel indoor TV antenna aims to overcome what the manufacturer feels are shortcomings of other existing types, namely that phyother existing types, numer, sical size limitations preclude the use sical size low-band antenna. The Hi-Lo Spiral type consists of a highband dipole enclosed in a low-band spiral. The latter, due to its coil-like configuration, can accommodate greater length in smaller space. The two sections are capacitively linked but insulated from each other, and are said to reinforce each other on both bands. Thus the maker states the antenna achieves high gain on both bands without adjustment of rods or coils or switches, and at the same time is compact in size and affords a good match to the receiver. Hi-Lo TV Antenna Corp., 3540 N. Ravenswood, Chicago, III.—RADIO & TELEVISION RETAILING.

MP MUSIC MASTER

A new radio-phono model, the "Music Master", has been announced separate acoustical cabinet for separate acoustical capinet for the speaker, the set features an AM-FM tuner, amplifier and 3-speed record changer. Record player can be operated manually or as a drop changer for all speeds and sizes, or will play both sides in sequence of 7" and 12" at 3316 and 78 RPM Cabinet finish at 33½ and 78 RPM. Cabinet finish available in the dark mahogany and light finishes similar to the 17" Westport and Redding television receivers recently announced. All units are designed so that the TV and radio-phono cabinets may be coupled at the speaker. Price is \$415 in dark mahogany; \$435 in light finish. Price for the control unit only is \$375 in dark mahogany and \$385 in light finish. MP Concert Installations, Fairfield, Conn.—RADIO & TELEVISION RETAILING.

Snaider PORTOJECTOR

A TV projection portable slave unit, which operates from any size TV set. will produce pictures as small or as large as desired, up to 9 x 12 feet. Attaches with a length of 72 ohm cable, no other modifications needed. Snaider Television Corp., 540 Bushwick Ave., Brooklyn 6, N. Y.—RADIO & TELEVI-SION RETAILING.



You can "give the gun" to the new RAULAND Bi-Power (biased power) amplifier without a sign of "crack-up" even at peak output. Here's complete P. A. application, brilliant styling, maximum flexibility. Features 4 mike inputs (each convertible for use with low-impedance mike by use of a plug-in transformer); 2 phono inputs with dual fader; true electronic mixing and fading on all 6 inputs; separate bass and treble tone controls; provision for remote mixing of 3 mikes. Housed in new dark green hammerloid cabinet, with metallic bronze control panel set in a perforated aluminum finish front section.

SPECIFICATIONS:

Power Output: 60 watts at 5% or less total harmonic distortion, measured at 100, 400 and 5000 cycles. 85 watts peak output.

Gain: Mike—130 db (2 meg); 120 db (100,000 ohms); 120 db (150 ohms). Phono—83 db (½ meg). Voltage required for rated output: High imp. input—.005; lowimp.—.0004; Phono—.5 volts.

Frequency Response: ±1 db, 40 to 15,000 cps.

Output Impedances: 4, 8, 80 (70 volts), 250, 500 ohms.

Hum and Noise Level: 70 db below rated output (unweighted).

Tubes (15); 5-6SQ7, 2-6SC7; 2-6SN7GTA; 2-6L6; 2-5U4G;

The new RAULAND 1960 P. A. Amplifier gives you high-power to sell, along with complete P. A. facilities, maximum flexibility, superb tone and distinctive styling—the plus selling edges you want. Available for immediate delivery. Get the full details today on the new "Green Gem" Bi-Power Amplifier!

See your RAULAND-BORG Distributor for full information on the complete years-ahead RAULAND "Green Gem" Public Address Line. Build a solid, profitable Sound business around RAULAND's dependability and quality.



RAULAND-BORG CORPORATION • 3523-L Addison St., Chicago 18, III.

fou get all five

... with RCA Batteries

- 1. Top Brand Acceptance
- 2. Radio Trade Distribution
- 3. Completely Rounded Line
- . Radio-Engineered Quality

5. Super Selling Aids

No other battery line offers you all five of these important selling advantages. That's why RCA is the *one* brand holding first place in the profit picture.

Backed by "the greatest name in radio," RCA Batteries enjoy unparalleled consumer acceptance... and RCA Batteries give you a clear selling field because they're distributed primarily to the radio trade.

Starting now – push RCA Batteries and watch your business grow!

See your RCA Battery Distributor for fast, reliable service.



The battery for the Radio Trade!



RADIO CORPORATION OF AMERICA
HARRISON, N. J.

Sylvania TV Appointees

Howard Riordon, formerly vicepresident and controller of Colonial
Radio Corp. has been appointed general manufacturing manager of the
Radio and Television Division of Sylvania Electric Products, Inc. The announcement was made by Arthur L.
Chapman, general manager. J. K.
McDonough, general sales manager,
at the same time announced the appointment of Bernard O. Holsinger
as assistant general sales manager.
Holsinger has been advertising and
sales promotion manager for Sylvania Radio and Television since June,
1949.

NEMA Elections

Gordon T. Ritter, director of sales, electric housewares division, Arvin Industries, Inc., was elected chairman of the electric housewares section of the National Electrical Mfrs. Association. R. M. Oliver, general merchandise manager, Landers, Frary & Clark, was elected vice-chairman of the section.

B. P. Neece of New Britain, Conn., vice-president, Landers, Frary & Clark, was elected chairman of the major appliance division. Reese Mills of Mansfield, Ohio, assistant manager of Appliance Sales, Westinghouse Electric Corp., was elected vice-chairman.

Hotpoint Kitchens



Evan Moon, (center) appliance department manager, Joske's, San Antonio, inspects test kitchens at Hotpoint headquarters. Edward R. Taylor, Hotpoint's general sales manager, (left) and D. E. Anderson, manager of key accounts, explain that automatic dishwashers are getting new attention in the appliance departments of leading stores.

STANCOR High Fidelity OUTPUT TRANSFORMERS



Stancor has taken advantage of the most advanced design and manufacturing practices to bring you a series of output transformers combining outstanding audio response with very moderate cost.

Extensively interleaved "trifilar" windings, extremely tight coupling, and careful electrical balance result in audio fidelity to please the most critical specialist. An inexpensive, but thoroughly practical, type of mounting is used since elaborate shielding is not required at the audio output power level.

Listed part numbers have a maximum power level rating of 50 watts and provide a wide selection of impedances for popular amplifier applications.

PART NO.	PRI. IMP. (P-P) IN OHMS	SEC. IMP. IN OHMS*	MAX. PRI. D. C. PER HALF	NET PRICE
A-8050	1500	8, 16	200 mg	
A-8051	2500	8, 16		\$10.86
A-8052	3000		150 ma	10.86
A-8053		8, 16	175 ma	10.86
	5000	8, 16	150 mg	10.86
A-8054	9000	8, 16	100 mg	7
A-8060	1500	500	200 ma	10.86
A-8061	2500	500		10.86
A-8062	3000		150 ma	10.86
A-8063	The state of the s	500	175 ma	10.86
10 march 1 mar	5000	500	150 mg	10.86
A-8064	9000	500	100 mg	10.86

For complete specifications and prices of more than 450 stock part numbers, including other high fidelity transformers, see the current Stancor catalog. Ask your distributor for a copy or write direct.



GE 20-Inch TV Tube

It was recently announced that General Electric will soon start production on a 20-inch rectangular picture tube. Designated as the 20CP4, the new tube is a magnetic-focus and deflection, direct-view, all-glass tube with 217 sq. in. screen.

New Book Firm Name

Murray Hill Books, Inc., technical division, publishers of the Ghirardi and other technical books will now operate under the name: Rinehart Books, Inc., Technical Division. The new corporation will continue to maintain offices at 232 Madison Ave., New York 16, N. Y.

Pathe President

Pathe Radio and Television Corp., has announced the election of Sidney A. Joffee as president, succeeding A. H. Stobbe. Joffee had been serving as vice-president and general manager.

VEE-D-X Sales Manager



Jerome E. Respess, president of the LaPointer Plascomold Corporation, Windsor Locks, Conn., announced today the appointment of Frederick A. Hess, above, as sales manager for VEE-D-X TV antennas and accessories.

STANDARD TRANSFORMER CORPORATION 3586 ELSTON AVENUE, CHICAGO 18, ILLINOIS

dmiral Display



This "Blacklighted" painted bulletin of Admiral Sorporation was unveiled recently in San Francisco. The display, a 12½ X 53" picture-framed bulletin, is illuminated for a 2½ second interval by regular incandescent lighting. Then the bulletin is illuminated by 16 ultraviolet reflectors. Under this illumination the TV screen at the left of the copy area glows and the faces of the family group at the right glow as if lighted by the television screen tself.

Loewi Heads Committee

Commander Mortimer W. Loewi, director of the DuMont Television Network, has been appointed chairman of the national TV Committee or Brotherhood Week, February 18-it was announced by Eric Johns, general chairman of Brotherhood ek. This marks the first time a vision committee has been organto enlist the participation of netks, individual stations, executives, ducers, writers and actors for the ational observance, said Johnston.

Sells Interest in Ansley

It was announced recently that Bernard Fein, president of Ansley Radio and Television, Inc., has sold his interest in the company to a group headed by T. Stewart Harris, a director of the company. Fein has resigned as president. It was also announced that Fein has acquired the stock interest of the Harris group in Trenton Products Company, which manufactures all Ansley cabinets and is national sales distributor for Ansley products. Fein plans to expand Trenton Products to include an electronic manufacturing division.

HiFi Demonstrator



Du Mont Jobber Panel

Formation of a distributor panel which indirectly will have a voice in establishing Du Mont policies in such important matters as cabinet styling, prices, advertising, sales promotion, volume, methods of shipment and service was announced by Walter L. Stickel, national sales manager, receiver sales division, Allen B. Du Mont Laboratories, Inc.

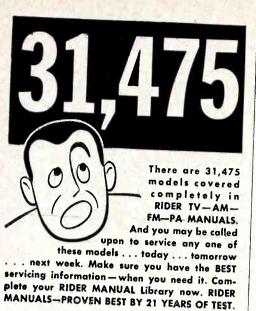
In making this announcement Stickel declared, "The formation of this panel is a great innovation as far as the television industry is concerned. It will mean a step towards closer harmony and gives credence to the fact

that we at Du Mont along with our distributors have a closely integrated and coordinated association."

Three Millionth Tuner

Another milestone in the expanding TV industry was reached when Standard Coil Products Co., Inc., of Chicago, Los Angeles, and Bangor, Michigan, shipped its 3-millionth TV tuner. It was stated that over 75 TV set manufacturers use the Standard tuner. This represents over 40% of all the TV sets made today for which the Standard tuner is used as their front-end assembly.







RIDER P.A. MANUAL * 2,024 Pages * 1,285 Models

In AM-FM-Auto Radio-Phono
21 RIDER MANUALS

* 31,382 Pages

*28,341 Models

These comprise the world's greatest compilation of ACCURATE — AUTHENTIC — RELIABLE Servicing Information . . . as furnished by the Service Departments of the Manufacturers themselves. And all of it is yours . . . at the astonishingly low cost of LESS THAN 1c PER PAGE!

Plus an **EXTRA**feature that is exclusive with RIDER TV MANUALS

CIRCUIT ANALYSIS . . . descriptions of important functions within the receiver . . . pertinent data originating from the manufacturers and presented by RIDER in a manner which makes this added information a valuable aid to the servicing technician—as well as a practical education in the actual design of television receivers.

John F. Rider Publisher, Inc. 480 Canal Street New York 13, N.Y.

See Your Jobber For RIDER MANUALS PROVEN BEST BY 21 YEARS OF TEST

Brach Rep Appointed

The Brach Mfg. Corp., 200 Central Ave., Newark, N. J. has appointed the F. C. Somers & Co., City Bank Bldg., 18 and Grand Aves., Kansas City 8, Mo., as their representative in the Missouri Valley.

Servicemen Plan National Association

Thirty-two delegates from 29 service associations met in the Victoria Hotel in New York City recently to consider the proposition that a national association of radio-TV service technicians be formed. As a result of a favorable reaction in the group present, a temporary organizing committee was formed and a meeting planned in Washington, D.C. January 28 to which technicians from all over the country are invited to have a voice in the formation of the association. Purposes of the association are to give the serviceman a voice in national electronic circles, to give the serviceman collective national representation before the public, and to educate the public as to what to expect of the serviceman. It is planned that this will be an association of associations, rather than of individuals, and where possible will include state federations rather than local associations. Members of the temporary organizing committee are: Dave Krantz, chairman (he is chairman of the Pennsylvania association FRSAP), Max Liebowitz, vice-chairman (he is president of the New York State association ESFETA), and Norman Chalfin, secretary (he is executive secretary of the New York City association ARTSNY)

Lecture on TV Servicing

Jack Whiteside, chief engineer in charge of electronic developments at Simpson Electric Co., Chicago, is going on a 5-month tour—presenting an illustrated lecture, "Television Servicing" to servicemen throughout the country. His talk deals with specific problems of servicing and with use of the Simpson instruments which he has specialized in developing. Speaking dates are being sponsored by the leading parts jobbers in key areas.

Simpson FIELD STRENGTH METER

This field strength meter for TV is said to facilitate TV antenna installation and orientation, since it is possible to determine location, height, orientation and antenna type which produce the greatest signal strength. Unit includes a 12-channel Standard Coil TV tuner coupled to a VTVM. A stepped attenuator is provided, as well as a phone jack and input for either 300 or 75 ohm line. Readings are directly in microvolts. Simpson Electric Co., 5208 W. Kinzie, Chicago 44, Ill.—RADIO & TELEVISION RETAILING.

WHY

See WHY Rider Manuals are BEST BY TEST. See WHY they are most economical in the long run. See WHY they are most popular with competent servicemen.

RIDER TV MANUALS

Offer you the very same information which the service department of the original receiver manufacturer uses. There is no greater accuracy, authenticity, completeness of detail. NOBODY, but RIDER, can make this statement!

Include understandable descriptions of the circuit action. In the five RIDER TV MANUALS there are 731 pages of such extremely valuable instructional information—telling you HOW the circuit functions. NOBODY, but RIDER, furnishes so much of this kind of data . . . all of it necessary for successful and profitable TV servicing!

Presents you with no less than 293
pages of signal waveforms—so vital
to rapid trouble diagnosis in picture i.f.,
sound i.f., video, sweep and sync circuits.
NOBODY, but RIDER, offers you anywhere
near this amount of absolutely indispensable
information!

Incorporate fully 337 pages of official, accurate unpacking and installation data. NOBODY, but RIDER, brings you as many of these helpful, time-saving instructions!

Give you the most complete coverage
of the manufacturers' receiver output—not just pilot models—but ALL production runs with ALL of the changes. NOBODY,
but RIDER, puts all of the data . . . so thoroughly, so completely . . . at your fingertips!

Prove, To Yourself, That Rider Manuals

ARE BEST

COMPARE!

Check the completeness of RIDER MANUALS. The five RIDER TV MANUALS contain 10,544 pages. Compare them with any other service. Compare not only listings of model numbers, but all of the information contained which is of value in servicing a receiver. RIDER AM-FM MANUALS contain 31,382 pages. The PA MANUAL contains 2,024 pages.

John F. Rider Publisher, Inc. 480 Canal Street New York 13, N.Y.

Complete your Rider Manual Library! If any volumes are missing, order a replacement today!

New Phoenix Facilities

Phoenix Electronics, Inc., Lawrence, Mass. manufacturers of a complete ine of Speed-Tennas, Speed-Mounts ind hardware, has expanded its operations. Recently it moved to larger quarters and set up a streamlined production and assembly line staffed y skilled workers. Phoenix then installed its own plating division.

Zetka TV Picture Tubes

Meyer Bonuck, newly elected president of Zetka Television Tubes, Inc. of Clifton, N. J. announced that production of Zetka TV picture tubes is being stepped up considerably by the addition of new equipment of the most modern type. Additional production facilities are now being negotiated for to keep up with the demand for tubes bearing the Zetka label. Rounds as well as rectangular tubes are being made in 16", 17", 19" and

New Oxford Sales Rep

John Proctor, Jr., general sales manager of the Oxford Electric Corp., 3911 S. Michigan Ave., Chicago, has announced the appointment of M. P. Mack, 1427-16th St., Denver, Colo., as jobber and distributor sales representative in the Rocky Mountain area.

News of the Reps

As their first group assignment, members of the newly activated Empire Chapter of the Representatives of Radio Parts Manufacturers, operated the information center at the recent RTMA-IRE Radio Fall meeting, at Syracuse, N. Y. The Empire Chapter now boasts twelve senior members and six associate members.

RCA Service Package

The RCA Service Company has announced the creation of a special service "package" that will offer pur-chasers of RCA Television Antenaplex Systems a complete service coverage, ranging from a preliminary survey and layout of the proposed installation to follow-up maintenance. Administered by a specially trained corps of commercial engineers, the new service has been established to meet the growing demand by hospitals, hotels, and apartment houses for the multi-outlet television antenna installation.

Heart of the "package" is the corps of Antenaplex technicians, located in key RCA television service branch offices, who are qualified to administer the survey-to-operation service and also train additional specialists as they are needed.

New Tube Plant

A subsidiary of Philco Corp., Lansdale Tube Co., with its main plant and laboratories in Lansdale, Pa., has purchased a site at Frederick, Md., for a new plant for the manufacture of critically short electronic tubes for the Armed Forces and essential civilian requirements, it was announced by William Balderston, president of Philco.

Sylvania Names White

H. Allen White, formerly associated with the geophysical instrument development laboratories, Magnolia Petroleum Co., Dallas, Tex., has been appointed sales service engineer for the Radio Tube Division, Sylvania Electric Products Inc., according to R. W. Andrews, merchandising manager.

Winners in Hallicrafter Dealer Franchising Contest



Pictured in front of the main Hallicrafters plant in Chicago are the ten winning television salesmen in Hallicrafters recent "Cover The Country" dealer franchising contest. Left to right: Paul Eckstein, Hallicrafters television sales manager; William H. Dold, Christian Shiedler Co., Detroit; LeRoy L. Gustafson, G. M. Nutter Co., Cleveland; D. H. Anderson, A. F. Epting Appliance Co., Charlotte, N. C.; John J. Calvin, Harry Knodell Distributing Co., Cincinnati; William Roddy, Appliance Wholesalers, Inc., Detroit; Ray Palmer, Century Distributing Co., Minneapolis; Fred B. Ressler, All-State Distributors, Newark; William Hallenbeck, Thomas Distributing Co., Los Angeles; Harold Romm, Elliott-Lewis Corp., Philadelphia; R. H. Sherwood, general sales manager, Hallicrafters, and Maurice P. Spanogle, Republic Distributing Co., Grand Rapids.

Beat the Tube Shortage!

This Sensational New RIDER Book Shows You HOW to Do It!

RECEIVING TUBE SUBSTI-TUTION GUIDE BOOK

by H. A. Middleton

For AM-FM-TV Receivers and Allied Equipment!



URGENT! Receiving tubes are very scarce . . . and will get scarcer. There is a wide scramble one e is a wide scramble for every type of tube, and you can't always get what you need. What can you do when you can't you do when you can't find a tube replacement? How can you get a set working again? How can you substitute one tube for another?

HERE! HERE Are The Answers To All **Tube Problems!**

- 2500 Radio And TV Tube Substitutions Are Listed!
- TV Receiver Filament Wiring!
- Heater Substitution Wiring Instructions!
- Tube Types Classified By Functions!
- And A Wealth Of Other Priceless Data!

Here the serviceman will find 2500 radio and TV tube types systematically listed in numerical sequence with accompanying wiring instructions for making the substitutions. There are views of original and substitute tube sockets, and clear explanations for whatever changes may be necessary. In this, one of the most important servicing books ever published, and certainly a most timely one right now, the serviceman will find the way to turn out jobs that would otherwise remain on the shelf because of lack of proper tubes.

EXTRA! EXTRA! In addition to tube information...this sensational book contains material on Cathode-Ray Tube Characteristics, Complete Tube Characteristics Chart, Ballast Tube Data, Pilot Light Information, Resistors—Capacitors—Transformer Color Codes, Transformer Substitution, Fixed Condenser Substitution, Fixed Condenser Substitution, and Converting Farm Radio for Electrified Operation.

208 Pages in Heavy Durable Paper Cover. 81/2 x 11 inches. Only

10 DAY MONEY BACK GUARANTEE Make this book PROVE its value! Unless you agree that it is the best investment you've ever made return it, and we will refund your money.

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Jobber Entertains Reps in Southern California Area



Kierulff and Company played hosts to the Representatives in the southern California area recently at a dinner in the Roger Young auditorium in Los Angeles. The occasion was to celebrate the largest year in Kierulff history with an appropriate holiday dinner including turkey and all the trimmings. The West Coast Reps are really enjoying themselves.

Sales Celebration by Emerson Radio of Florida



To celebrate the biggest month in sales for Emerson Radio and Television, Irving Witz, president of Emerson Radio of Florida, gave an informal cocktail party at the Sans Souci Sam Mufson, Jefferson Stores; Morris Sarnow, Armor Radio Stores; Lew Abrams, Emerson Radio Co. of New York; James Ritter, Richards Dept. Store; Ray Friedman, Emerson Radio Co. of Florida; Edwin McCue, Dixie Tire Co.; Irving Witz, president of Emerson Radio Co. of Rodio Store; Carl Morris, Goodyear Stores. Standing: A. Resch, Dixie Tire Co.; Hem Olson, Olson Radio Store; Carl Morris, Goodyear Stores.

Officers of New Phono Mfrs. Assoc. Sign Charter



Most of the members of the newly formed Phonograph Manufacturers Association (40-05 21st St., L. I. C. 1, N. Y.) are shown witnessing the signing of their charter. They are (seated, Roland Kalb, president, and vice-president of Steelman Phono & Radio Co., Inc.; Ben Birns, vice-president, and president of Sonic Industries. Standing (left to right): Alfred H. Suekoff, Portofonic Sales Corp.; Al Herbst, president of Tone Products Corp.; Isadore Rothman, sectory-treasurer, Electronic Creations, Inc.; Jerry L. Herold, president, Herold Radio & Television Mfg. Co., Inc.

Cordiner Heads GE

The election of Ralph J. Cordiner, of New York, as president of the General Electric Company to succeed Charles E. Wilson, named as chairman of the new Defense Mobilization Board, was announced Dec. 16. Mr. Cordiner, who has been associated with GE for 24 years and has served as manager of five of the company's departments during that period, has been executive vice-president and a director of the company since 1949. He assumes his new duties immediately.

Decca Price Raise

Decca Records has raised prices on discs of all three speeds due to rising costs of labor and materials, it was announced late last month. 78 and 45 RPM records were boosted from 75 to 85 cents, plus federal excise tax. The 5000 series 10-inch Black Label 33½ RPM long playing records were raised from \$2.85 to \$3.00, including tax. Other records prices remain unchanged.

Dillon to New Post

Victor Olson, president, Olson & Co., Philadelphia exclusive distributors for Allen B. Du Mont Labs, Inc., announces the appointment of Anthony Dillon to the newly created post of merchandising manager.

NEDA Show in August

The National Electronic Distributors Association will hold its annual show in Cleveland, August 28, 29 and 30.

The special educational sessions which were so successful last year are now being discussed and will be programed at a meeting between 28 electronic manufacturers and the NE DA advisory council early this month. These educational forums for the jobber will become a permanent part of the NEDA plan.

Scheduled hours for the three day show have already been set. Tuesday, the first day will open at 9 in the morning and close at 4 in the afternoon. Scheduled sessions for Wednesday and Thursday are from 9 until 10:30 AM and from 2:20 until 6 PM.

Blackstone Distributor

Blackstone Corp., Jamestown, N. Y. manufacturers of household washers, ironers and dryers, has announced the appointment of Tubbs Electric Co., 165 So. Post St., Spokane, Wash., to distribute its products. This area was formerly handled for Blackstone by True's Distributing Co.

Kalmus Sales Manager

Jack Covel, president of Exclusive Sales Corp., national distributors for Natalie Kalmus Television, has appointed Zarmond "Zee" Goodman as general sales manager for the corporation. For the past year and a half, Goodman has been vice-president in charge of sales for Tele-tone.

NEW INDICATOR ION TRAP





Speeds Service — Builds Profits

Rauland's new Indicator Ion Trap is winning the cheers of more service men and dealers every day—because of the time and trouble it saves in Ion Trap Magnet adjustment, and because it eliminates mirrors and guesswork.

Now it's a matter of seconds to adjust the ion trap magnet with absolute precision. The service man simply moves the magnet until the signal glow is reduced to minimum.

This important new Rauland development is incorporated in all Rauland tubes produced today—as a feature of Rauland's new Tilted Offset Gun. This gun offers the additional advantages of using only a single Ion Trap Magnet and of maximum sharpness of focus.

Only Rauland offers this advanced feature—one of half a dozen post-war developments from Rauland.

For further information, write to ...

RAULAND

The first to introduce commercially these popular features:

Tilted Offset Gun

Indicator Ion Trap

Luxide (Black) Screen

Reflection-Proof Screen

Aluminized Tube

THE RAULAND CORPORATION



Perfection Through Research
4245 N. KNOX AVENUE. CHICAGO 41, ILLINOIS



Announcing the ...

TELEVISION ANTENNA SENSATION



S/C LABS

STACKED

CONICAL

- Newly Engineered for Maximum Efficiency
- Novel Mounting Arrangement—the Simplest Yet!
- Designed for Easy 3rd Element Accommodation.
- Now offered at a Smashing Low Price that means MORE SALES— LARGER PROFITS for YOU!

WE MANUFACTURE A COMPLETE LINE OF TV ANTENNAS & ACCESSORIES FOR EVERY TYPE OF INSTALLATION.

Sold Thru Jobbers — Some Distributorships Still Open INQUIRIES INVITED

S/C LABORATORIES, INC.

37-39 George Street .

MODEL 2-X-6

Newark 5, N. J.

DURABLE

DURANITE

• Durable: That's why Duranite tubulars are so popular. This radically differ, ent molded capacitor features Aerolene, the new impregnant; new proc-

ROVO

essing methods; new Duranite molded casing.

Drop, bang, scratch—no damage to that durable Duranite casing. Unaffected by high temperatures. Immune to high humidity. Stock them well in advance if you wish—no shelf deterioration. Pigtails won't



pull out. Definitely, the durable Duranite.

See Your Jobber...
Insist on Duranites for durable tubulars. Ask your local distributor for latest Aerovox catalog featuring many new capacitor types and extended listings.

For Radio-Electronic and Industrial Applications capacitors

AEROVOX CORPORATION, NEW BEDFORD, MASS., U. S. A. * Sales Offices In All Principal Cities Export: 41 E. 42nd St., New York 17, M. Y. - Cable: AEROCAP, M. Y. - In Canada: AEROYOX CAMADA LYD., Hamilton, Ont.

New Battery Line



L. H. Harriss, sales manager, Burgess Battery Company, shows new batteries in the Burgess line, together with promotional material.

Philco Continues the Don McNeill TV Show

John F. Gilligan, vice-president, advertising of Philco Corp., has announced that Philco has renewed its sponsorship of the full hour of the Don McNeill TV Club which is telecast from Chicago, over the facilities of the American Broadcasting System.

New Circle-X Reps

A. DeLaski, sales manager for Circle-X Antenna Corp., has announced that Northwest Sales, 301 Commerce Building, St. Paul, Minn., and A. Sidney Hardy & Associates, 4238 Powers Ferry Rd., N. W., Atlanta, Ga., have been appointed as manufacturer's representatives.

New Best Vue Home

Best Vue Products, manufacturers of TV antennas and accessories, has announced the removal of its factory and offices to 240 North 10th St., Brooklyn, N. Y. Milton Gold, president, stated that increasing demand for the Best Vue line of antennas necessitated the move from their former New York factory.

Thomas Sales Executive



M. J. Alexander, above, has been named general sales manager of Thomas Electronics, Inc., 118 Ninth St., Passaic, N. J.

Du Mont Service Contracts

To protect owners of Du Mont teleision sets from financial failure of ervice organizations with which the et owners have service contracts, allen B. Du Mont Laboratories, Inc., as announced that its authorized ervice organizations and authorized ervicing dealers will in the future be equired to maintain escrow accounts n banks to cover every contract cus-

Ernest A. Marx, general manager f the Du Mont receiver sales division, who made the announcement, said that he Du Mont service organizations and servicing dealers would be notified of the new requirement immediately.

"They will have to give us notorized broof that they are maintaining the scrow accounts," said Marx, "and tame the banks in which the accounts ire maintained. Failure to do this will mean that their Du Mont authorization will be promptly rescinded."

To New Headquarters

Radio Service Laboratory of New Hampshire and Maine, distributors, recently announced its 20th anniverary celebration and the grand opening of its new warehouse and wholesale showrooms, at 670 Chestnut St., Manchester, N. H. This new home will serve the states of New Hampshire and Vermont. Other outlets of the firm are located in Portland and Bangor, Maine.

NEW BOOKS

Howard W. Sams of Indianapolis, publisher of "Photofacts" radio-TV service data for technicians, has recently brought out two new books for the service trade. "Radio and Television Industry Red Book" is the second edition of this important angular of tion of this important encylcopedia of replacement parts information covering AM, FM and TV receivers and radio-phonographs. Sectional nature of the book simplifies locating the desired information. Some of the separate sec-tions provided are: radios and amplifiers 1938-48, radios and amplifiers 1948-50, postwar TV sets, vibrator-powered receivers 1938-50, battery-powered receivers 1938-50, selenium rectifier replacement listings for postwar equip-ment, and volume control replacement listings. Covering approximately 20,000 models, and listing components from 19 replacement manufacturers, the book numbers over 600 pages and sells for \$3.95. "Automatic Record Changer Man-ual Vol. 3" covers the latest multispeed changers as well as wire and tape re-corders made during 1949 and 1950. Continuing a feature of previous volumes, the manual lists changers both by manufacturer and by the radio or TV set brands and models in which it appears, with cross-indexing. The familiar Sams' "exploded views" are incorporated for easy indentification of Volume 3 covers 44 different parts. changers and recorders and numbers 286 pages. Price is \$3.00.

Kisco Dealer Program

J. W. Kisling, president of Kisco Co., Inc., 2400 DeKalb St., St. Louis 4, Mo., fan manufacturers, has announced 1951 plans for a powerful "Dealer Assistance" program aimed at consumers across the country. Kisco will make use of giant 30" by 22", 3-color newsprint broadsides bearing the dealer's imprint, which will be available to the dealer without cost. Another feature of the Kisco 1951 program is their interesting free brochure, "Bouquets of Profits," which is full of helpful sales ideas and which is available to any dealer upon request.

New Aerovox Carton for Hi-Q Ceramics

No hunting for ceramic capacitors; no small pieces going astray; no shopworn goods; inventory at a glance; virtually automatic re-ordering. Radically different packaging is now being used for Aerovox Hi-Q Ceramics, in place of the usual envelopes. The Aerovox window carton holds five ceramic pieces of the given type and value. The re-order tab tears off as the re-order reminder. And when the carton is empty, it can be used for screws, nuts, washers, etc.



And why not? A satisfied customer has telephoned—yes, actually telephoned—to thank this service-dealer for the swell repair job on his TV sets.

Your customers may not take the trouble very often to do this, but you can bet your last dime that a dissatisfied customer will lose no time in telling you what he thinks. This means call-backs on which you lose time, money, and reputation.

The trick, of course, is to eliminate callbacks. Unfortunately, you can't eliminate them all. But, you can keep them to a minimum by using only parts on which you can stake your reputation.

Look at any tube marked TUNG-SOL. There is the same tube—the same performance standards—the same dependability

which eight out of ten leading set manufacturers use for initial equipment. All TUNG-SOL tubes are made to meet their requirements. So, when you make replacements with TUNG-SOL tubes, you're putting back into the set the same high quality with which it left the factory.

This TUNG-SOL "one standard" policy safeguards your service work, your prestige and your profit.

Tell your distributor's salesman you'd rather have TUNG-SOL tubes.

TUNG-SOLLAMPWORKS INC., NEWARK 4, N. J. Sales Offices: Atlanta, Chicago, Dallas, Denver, Detroit, Los Angeles, Newark



For Initial Equipment and Replacement



THE FASTEST SELLING

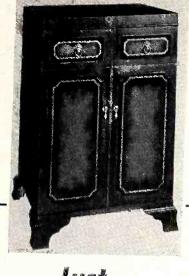
Ground Rods

For TV so

AND OTHER INSTALLATIONS

With a new quickacting, time-saving clamp that insures positive contact on #4 to #14 gauge conductor. 3/8-inch solid steel rods, copper plated and pointed for easy driving. Available in 4 and 6-foot lengths. Also 1/2-inch rods in 5, 6 and 8foot lengths.

At your Jobber



Just between

When customers demand quality in television when customers demand quality in television cabinets. TV manufacturers naturally turn to TELECABINETS for the finest in craftsmanship and distinctive design. And you'll be pleased to find that quality TELECABINETS are competitively priced!

All sturdily constructed of ¾" stock throughout, TELECABINETS are available in uniquely styled walnut, manogany, Chinese Chippendale and inlaid leather models.

Tell us your requirements Visit our showroom

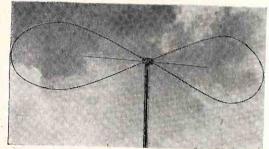
TELECABINETS, Inc.

155 Suffolk Street, New York, N. Y. ORegon 3-3527

PREMAX PRODUCTS DIVISION CHISHOLM-RYDER CO., INC.

5109 Highland Ave., Niagara Falls, N. Y.

13 channels and fm radio



SUGGESTED LIST

Here's the quality antenna that solves all your primary area problems! The Tel-a-Ray Butterfly requires no assembling or adjusting — just mount it to the mast. Built for endurance, the Butterfly eliminates call-backs — builds new customers by keeping old customers happy. All 13 TV channels and FM radio — at a suggested list of \$2.95! Write for information today.

Send information Butterfly	about the	Tel-a-Ray	
Send information Tel-a-Ray line	about the	complete	Tel-
NAME			ENTERP
ADDRESS			
CITY	STATE		P.O. BOX 33



Boost Disc Sales

(Continued from page 48)

Since the store is located some distance from the main business section, the local telephone company decided there should be an office in the area where residents could pay their bills. The Doblers' application to operate the office was accepted, and for several years now collecting telephone bills has meant a steady stream of prospective customers every month.

The record department is not only successful in its own right, but brings in much extra business due to its reputation. Catering to the tastes of local people led the Doblers to install a complete line of Spanish records. They have a wide selection which is available nowhere else in town, and which brings in customers from points outside of their normal trade territory.

Approximately half of the record volume falls into the Spanish category. The Doblers have found that there are two prerequisites for success in their specialty. First, of course, is the necessity for a clerk who speaks the language fluently. Then it's necessary that he be intimately familiar with the various types of Spanish music and have the stock available to meet the demands.

The Doblers carry approximately 5000 records in stock. They are following a very conservative policy which prevents overstocking on many hits before the sales potential has been determined. Advertising is naturally directed toward the group to whom the department appeals. This means taking space on programs for the local celebrations commemorating Spanish holidays, programs for the Mexican theaters, and trailers for screen projection in the theater itself.

Although the firm customarily discounts contract paper with a local bank, collections are made at the store to maintain all-important customer contact. In addition, customers frequently shop around the sales room before leaving.

"One of our most important departments is repair service," com-ments Ken Dobler. "I can honestly say that it returns a good profit, in addition to building up public confidence and increasing appliance sales." The partners now feel that they are well prepared for any eventuality growing out of the confused international situation. Their service department, of course, took on a new importance during the time in the last war when it was impossible to get appliances.

By exploiting every possible angle to get customers into their store and keep them coming, and by tailoring every phase of the business to meet local demands, the Doblers are assuring themselves of continued success.

Know Your Costs

(Continued from page 56)

Buying costs: I presume your purhasing agent is paid on a salary and onus arrangement. Overbuying can expensive. Do not let your purhasing agent overbuy, anticipating sing prices, if the merchandise is lentiful. When the market is rising, our customers will pay the increase, ut if merchandise is going to be ard to secure, and you know you can all it, then plunge and buy all that ou can afford to purchase. Have your urchasing agent buy merchandise urrently needed so that you will have a hand merchandise immediately vailable for your trade, and not be ut of stock of popular items.

Office costs: This includes salaries nd bonus, legal expense, stationery, axes, advertising, insurance, accounting, inventory, and sales records. Be are that your office work is properly ivided, otherwise the time of some f your employes may be wasted. In small organization train one or two eople so that they can do several obs.

Credit supervision: Cost: salary nd bonus. Your credit man should e one of the best employes you have nd should know at all times what going on in all departments of your rganization. Your credit man should ot be influenced by the salesmen and elieve all they tell him about their ccounts. He must be able to deternine what is fact and what is fiction. ikewise he must not be too optimisc, otherwise your credit losses will e too large. On the other hand, if e is too conservative, he will lose ou business. Your business can stand credit loss without harm of 1/2 of ne per cent of sales.

Under miscellaneous costs you have our fixed expenses which include ent, light, heat, telephone, bookkeepng machines, adding machines, typeriters, depreciation and upkeep.

Now sum up your costs in these six lasses of your business and you have pretty accurate idea of what it osts you to run your business. It lso enables you to know the amount f business you must do to reach the reak-even point. In any business peration the break-even point is eached when the gross profit for any iven period exactly offsets all exenses of the business for the same eriod. Now if your gross profit is 30 er cent and this profit remains contant month after month, it is very imple to chart your break-even point. Take your expenses, divide by gross rofit of 30 per cent and multiply by 00. You then have the sales volume ou must do to reach the break-even

I urge that at least once a year, oreferably every six months, you have our books examined by an outside suditing firm. I feel the money paid

for such a report is well spent, because if you are losing money or if expenses are increasing too rapidly, the sooner you discover it, the sooner you will stop it.

Knowing the various costs I have just told you about, you can chart your progress each month. No elaborate or costly system is necessary. Jot down all your costs for each department and figure the percentage of each department's cost against net sales. Do this monthly, and you will immediately see whether costs in your different departments are going up,

going down, or remaining constant.

Scott "ADD-A-VISION"

Added to the "Cressy," the first three-way combination offered by Scott, which previously offered an add-a-vision version, are the "Chippendale" radio-phono with 21-inch television or space for it, the "International Cressy," featuring short wave; and the "Croydon" with 16-inch picture tube. The "Cressy" models, formerly with 16-inch tubes, now offer 17-inch pictures. All three-way combination units are available in add-a-vision models, in which the TV chassis can be added later. Scott Radio Chicago 40, Ill.—RADIO & TELEVISION RETAILING.

NEW, ADVANCED DEVELOPMENT in Radio Switch-Timers



Here's your chance to offer your customers something new and better in alarm clock radios. The new Sessions switch-timer clock movements feature the "Tru-bel" ten-minute reminder—a pleasant sounding bell specially tuned to penetrate right through the sound of radio music or speech. "Tru-Bel" gently coaxes the soundest sleeper to rise and shine—if he should "cat-nap" ten minutes after his radio turns on. It's a great improvement over harsh, rasping buzzers.

These new Sessions Switch-Timer movements have no center disc—no stereotyped similarity to other radio clock movements. The low speed motor

is "kitten-quiet" without annoying buzz from high speed gears.

Other features include: "Sleep-Slector" lullaby switch on some models to turn radio off automatically after an interval of up to 90 minutes; automatic radio shut-off 1½ to 2 hour after timer turn-on (for the forgetful), 15 amp. switch (UL approved). Manufacturer can choose front or back controls, round or square bezel, etched or screened numerals, luminous or in any color. Dial and hand styling to specifications. All movements factory tested and guaranteed for one year.

 Ask your distributor's salesman about the availability of these new Sessions movements on his line of alarm-clock radios.



Ready in January



TELEVISION AND FM ANTENNA GUIDE

by E. M. Noll & M. Mandl

Here is all the information and practical instruction you need in order to be sure of getting the most out of any antenna system, with a minimum of testing and readjustment. It gives—

- The characteristics, dimensions, and special advantages and disadvantages of ALL VHF and UHF antennas and allied equipment.
- NEW information on NEW types of antennas recently tested by the authors.
- Definite installation procedures how to determine the right type of antenna for the particular site; how to locate space loops; how to determine signal strength, etc.
- Practical directions for mounting antennas on different types of roofs or on window sills; how to install transmission lines to minimize noise and avoid standing waves; use of booster amplifiers, input systems, etc.
- Clear, practical explanation of all essential principles—impedance matching, loss factors, etc. Handy tables and all other information useful in selecting and installing any type of antenna for best results.

Have you seen



RADIO & TELEVISION MATHEMATICS

A Handbook of Problems and Solutions

by Bernhard Fischer

Completely worked-out samples of every calculation commonly required in radio, television, and industrial electronics work of all kinds. Shows what formulas to use, what numerical values to substitute, each step in solution. Conveniently arranged and fully indexed for quick reference on any problem.



TELEVISION FOR RADIOMEN

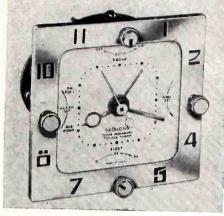
by E. M. Noll

The outstanding book on television for servicemen. Clear, non-mathematical explanations of the operating principles and function of every part and circuit; complete instruction in installation, alignment, adjustment, and trouble-shooting

SEE THEM ON APPROVAL

New Products for Resale and Use by Dealers

Sessions Switch-Timer



The new Sessions switch-timer clock movements feature the "Tru-Bei" ten-minute reminder—a specially tuned bell which rings ten minutes after radio turns on. Features include: Jullaby switch on some models to turn radio off automatically at any present time up to 90 minutes; automatic radio shut-off 1½ to 2 hours after timer turn-on, 10 and 15 ampere switches.

Eicor TAPE RECORDER

A two speed conversion unit, which permits two full hours of use from a standard 7" reel of tape, is offered. Designed as part of the newest Eicor Tape



Recorder, shown here, the unit permits recording at 33¼" per second and 7½" per second reproduction. The recorder itself has a 5-tube amplifier and 6-inch speaker. Eicor Inc., 1501 W. Congress, Chicago, Ill.—RADIO & TELEVISION RETAILING.

Globe RECORD ALBUM

The Long Play Record Album is designed specifically to protect and store LP records. Heavy, transparent pockets hold the record with its envelope. The envelope, with data and program notes, remains permanently fixed in the album. The record slides out of a side instead of the top. This keeps out harmful grit and dust. Style LP-1000 holds five 12-inch records, lists at \$4.50, style LP-500 holds five 10-inch records, is priced at \$3.75. The attractive leather-type album simplifies grouping of LP's as to symphonies, concertos, etc. Globe Album Co., 3811 Third Ave., New York, N. Y.—RADIO & TELEVISION RETAIL-ING.

When your customers want the best

--specify ANTENNAS by PHILSON

Dealers throughout the country have been quick to realize that Philson automobile and TV antennas prove themselves Best By Test.

Writefor Free illustrated catalog now!





There are additional profit possibilities in every commercial TV installation, when you sell the advantages of extension speakers—and LOWELL Speaker Baffles! Many Bar and Restaurant owners are now buying larger TV screens, to provide good visibility for more patrons; be sure you emphasize the importance of extending the sound range, too!

Lowell Extension Speaker Baffles are ideal for the purpose—easily installed, low in price, attractively designed and finished in any colored lacquer to match surroundings. Lowell Speaker Baffles assure UNIFORM SOUND REPRODUCTION in all directions, give excellent low level response, have "floating conical action." Lowell Baffles are available in all sizes from 6" thru 15", in AL (for low ceilings) and BL (normal ceilings) Models, shown above.

For complete details and prices, write for new catalog covering complete line of Lowell Baffles, for all sound installations.

LOWELL METAL PRODUCTS Corporation

1531 Branch Street, St. Louis 7, Mo.

chich will survive and can be revived. Despite the somewhat hectic history of the original acetate recordings of the 1938 concert, the quality of the P's is quite good. As for the quality of the music, the listener will be impressed with its terrific drive, bouyney and enthusiasm. The success of columbia's Dance Parade series and the LP "Dance Date" releases during the past year were a fitting prelude to the revival of one of the best dance and of all times, the Goodman band, were is no doubt of the permanent upeal of good dance music, and we ould be seeing a lot more of this the in the near future.

MGM Records, in cooperation with M pictures, recently sponsored a ionwide "Annie Get Your Gun" idow display contest, offering cash izes to dealers and theatre distribuors who would cooperate in setting p record shop window displays on he diskery's sound-track album from Annie" tying in with local engagenents of the movie. Photo shows secnd-prize winning dealer-exhibitor ombination, Irving Randolph (second from left) of the Band Wagon Music Shop, East Orange, N. J. and Bernie Grosso, assistant manager of Loew's State theatre, Newark, N. J. eceiving their prize checks from Dick Cowitt (left), sales manager of Zenth Radio Corp. of N. Y., MGM rec-

Doings of Interest in the Disc Field

ord distributors, and Sol Handwerger (right) MGM records advertising and promotion director. First-prize winning dealer was Oscar Mecum of Chicago's Hudson-Ross Co. Third prize went to H. Brockman of St. Louis' Uptown Music Shop. Simultaneously



MGM Award Winners

with the announcement of winners in this contest, MGM Records sent notices of a new window contest based on its sound-track album from "Pagan Love Song" to the more than 10,000 record dealers in the country. The new contest will close April 16, 1951

National Records has announced the signing of Kate Smith to an exclusive recording contract. One of the most popular and well-known women in America, Miss Smith has a coast-to-coast Mutual network daily radio show and a daily hour show on the NBC TV network. Her first releases for National are "Little Bitty Baby" backed by "The Same Lord," and "Ave Maria" backed by "The Lord's Prayer."

Victor Records to New York

To effect closer coordination of RCA Victor Record Department sales, merchandising, and promotional activities with Artists and Repertoire functions now located in New York, top executives of the Department will shift their headquarters from Camden, N. J., to New York, it was announced recently by Paul A. Barkmeier, vice-president of RCA and general manager of the department.

New Wurlitzer Store

Earl C. Payton, vice-president and manager of the retail stores division of the Rudolph Wurlitzer Co. has announced the opening of its new Mont Clare store at 2505 N. Harlem Ave., Chicago.

Flectro ELECTRONIC EQUIPMENT

BATTERY ELIMINATORS BRING HOME THE BACON!

GET YOUR BIG SHARE OF THE BATTERY MARKET



Model "S"
with Selenium Rectifier
Filtered hum-free performance; Selenium rectifier—
no tubes; Low operating
cost, uses only 11 watts;
Easily slips into battery
space; Standard battery
plug, sockets.

Converts Battery Radios to AC All-Electric

Over two million battery radios in city and rural areas offer you big profit opportunities. Converts any 1.4 volt, 4 to 6 tube battery radio to an efficient hum-free AC receiver, plugs into a 115 volt, 50/60 cycle outlet. ELECTRO BATTERY ELIMINATORS repears of dependable hum-free reception at very low cost. Also available for 220 volt service. Guaranteed for three years.



Patent Pending
New Lowest Cost
"BJ" Junior

1 to 12.5 amps., 6 volts continuous duty; 25 amps. intermittent; 3 to 9 volts at other loads; AC ripple less than 0.4 volts at 6 volts DC 8 amps. Heavyduty selenium rectifiers, transformer, choke.

Tests, Demonstrates 6 Volt DC Radios from AC Lines

also relays, 'phone circuits, instruments, for battery charging, electroplating, other low voltage uses. Patented conduction cooling doubles rectifier power rating, provides lowest cost per ampere output over any type and dissipates over 3 times the heat. Supplies ample power for operating push-button solenoid radios. Serviceproved to withstand high overloads. Recognized for top quality and dependability.

Model "B" Heavy Duty DC Power Supply 1 to 20 Amps Also Available.

Send for Complete Literature
ELECTRO PRODUCTS LAB'S, 4499 SJ Ravenswood Ave., Chicago 40

---- In Canada-Atlas Radio Corp., Ltd. Toronto----

FOR STEADY PROFITS IN RADIOS PHONOGRAPHS RADIO-PHONOGRAPH COMBINATIONS



has everything your customer demands: quality . . . top-flight engineering . . . smart styling and a wide variety of models!

Order Now!

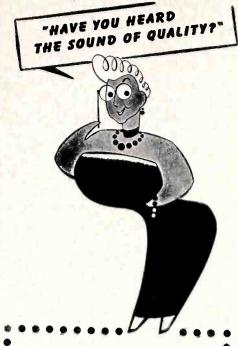
Write, wire or phone for your nearest distributor!

STEELMAN PHONOGRAPH & RADIO co., Inc.

30 Anderson Place, Mt. Vernon, N. Y.

MOunt Vernon 4-3135

Steelman—"America's oldest maker of electronic phonographs exclusively"



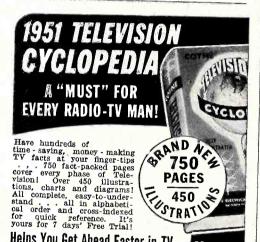
NEWCOMB SOUND 15 BETTER

Manufacturers of public address, mobile, phonograph, musical instrument and wired music amplifiers • Portable systems • Portable phonographs and radios • Transcription players • Rack and panel equipment.

Write today! Circle items of interest and indicate whether you are a Dealer, Parts Jobber or Sound Specialist.

NEWCOMB AUDIO PRODUCTS CO. DEPT. A, 6824 LEXINGTON AVE. HOLLYWOOD 38, CALIFORNIA

.............



Helps You Get Ahead Faster in TV

Helps you bet anead faster in IV

The NEW 1951 COYNE TELEVISION
CYCLOPEDIA tells you why things
happen . . how to handle any TV
problem .. and does it quickly! Covers
alignment, amplifiers, antennas, frequencies .. UHF and COLOR TV .. converters and adapters ... television r-f
.. lon traps and every other TV fact.
Includes a complete explanation of
what Test Patterns are . how
to use them to adjust TV sets
with dozens of actual Test Patterns. Mathematics is limited to easy
grade-school arithmetic. Formulas are
simplified. Everything explained in detail.

SEND NO MONEY! Just mail coupon for this book.
Have TV Cyclopedia for 7 days. Then send either \$5.95
plus postage or return book and owe nothing. Act now!

MAIL	THIS	COUPO	N TO	DAY

MALE LUIS COOPON TODAY
Educational Book Publishing Division COYNE ELEC. & TELEVISION-RADIO SCHOOL 500 S. Paulina St., Dept. 11-F2, Chicago 12, 111. Send mc the 1951 Coyne Television Cyclopedia for 7 days FREE Trial per your offer. Name
Address City Zone State. Where Employed () Check here if you are enclosing \$5.95. We pay postage. 7-day Money-Back Guarantee.

Appoint Jack Williams

Jack M. Williams has been appointed advertising and sales 'promotion manager of the RCA Victor home instrument department, it was announced by Allan B. Mills, general sales manager of the department. Williams has served as special assistant to the company's director of public relations for the past year.

Air King Production

D. H. Cogan, president of Air King Products Co., Inc., Brooklyn, N. Y., manufacturers of TV sets, radios and wire recorders, announced that production schedules on television for the first quarter of 1951 would be maintained. The procurement of material has been committed for and suppliers have promised deliveries.

Simpson's 5th Factory

Wallace Carroll, president of Simpson Electric Co. of Chicago announced recently the leasing of a new plant at 932 Benton St., Aurora, Ili. This makes a total of five factories now turning out panel instruments and test equipment for Simpson. Three factories are in Chicago and the fourth was opened at Lac du Flambeau, Wis., 4 years ago.

Two Arvin Distributors

Distribution of Arvin TV receivers, radios and appliances will be handled in the state of Georgia by the Georgia Appliance Co., 1405 Spring St., N.W., Atlanta. Merchants Distributors, Inc., 1312 Boylston St., Boston, Mass., has been appointed to handle distribution of Arvin TV and radio sets in Boston and eastern Massachusetts.

Recordaid, Inc., P. O. Box 5765, Philadelphia 20, Penna. "Recordaid" monthly catalogs are designed to assist dealers in stocking and selling records. All discs, regardless of label or date issue, are listed in one place, simplifying the dealer's or record clerk's problem in locating a particular request or order. New releases are added each month, and the catalogs are sold on a subscription basis. "Classical Recordaid" lists all classical music (with 3 speeds) alphabetically, with complete cross-indexing by title and composer. Concertos, symphonies, overtures, etc. are listed in special sections (as well as alphabetically) "Popular Recordaid" has similar features for popular discs, with an extra section for popular albums. An added feature is the inclusion of inventory labels, completely printed and gummed, covering new releases. A new feature of this firm is "Long Playing Recordaid," a special catalog listing all classical and popular 33-1/3 RPM records. Reprints of this catalog are available. ords. Reprints of this catalog are available for sale to customers. All three of the catalogs (Classical, Popular and Long Playing) are complete in themselves every month. There are no looseleaf pages to add.



the New Improved R. L. Drake High Pass Filter affords the video amplifier, I. F. bandpass and signal channels more protection against strong radio frequency interference (zero to 50 mc.) generated by:

Amateur Radio Transmitter Amateur Radio Transmitters Shortwave Broadcast Stations X-ray and Diathermy Industrial R. F. Heating Auto Ignition and Motors Neon Lights, Appliances, etc.

\$ 5 95 LIST Discounts to dealers, and amateurs

Two models available—TV-300-50HP for 300- Ohm Twin Lead and TV-72-50HP for Small 72-Ohm

R. L. DRAKE CO. 11 Longworth St., Dayton 2, 0.

See them at your distributor or write us for details

CLOSING DATES FOR

RADIOLTELEVISION RETAILING

of preceding month for all ads requiring proofs, composition, foundry work, key changes of changes, etc.

of preceding month for complete plates only—no setting

of month—Publication Date.

Cancellations not accepted after 5th of preceding month..

Caldwell-Clements, Inc.

480 LEXINGTON AVENUE NEW YORK 17

January, 1951

Aerovox Corp 104
air King Products Co., Inc
Alliance Mfg. Co
merican Phenolic Corp
merican Television & Radio Co
Anchor Radio CorpCover 3
Arvin Industries, Inc
Relmont Radio Corp
Sendix Aviation Corp
Sond Equipment Co
Caldwell-Clements, Inc
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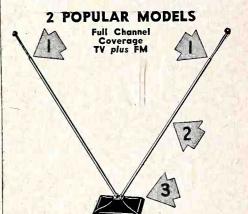
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Revere Camera Co.	
Rider Publisher, Inc., John F100	
S/C Labs	
Schott Co., Walfer L.	
Scott Radio Labs., Inc.	
Sentinel Radio Corp.	
Sessions Clock Co.	
Sheldon Electric Co.	
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While every precaution is taken to insure accuracy, we cannot guarantee against the possibility of an occasional change or omission in the preparation of this index.

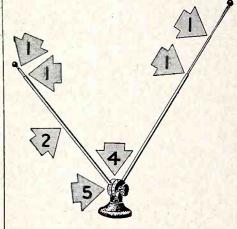
GOLDEN WAND INDOOR 7 elevision ANTENNA

Check THESE 5 EXCLUSIVE FEATURES POINT BY POINT!

- Phosphor bronze shims at all telescoping joints for better electrical contact. Constant tension; jamless telescopic action.
- Admiralty brass dipoles for better electrical conductivity. Stronger; will not rust or corrode.
- Polystyrene base for better insulation. Terminals completely housed to prevent lead breakage.
- Terminals completely housed. No strain on terminals, hence breakage of wires impossible.
- 5. Polystyrene insulators for better insulation.



MODEL 50TV—2-section polished finish dipoles. Automatic friction holds dipoles at any angle. Walnut-mahogany polystyrene base, felt padded, heavily weighted. Will not tip when fully extended. Slot in base for mounting on wall, window frame or ceiling. Harmonizes with any set or furnishings. Supplied with 300-ohm lead-in.



MODEL G84TV—3-section satin finished dipoles. Adjustable friction holds dipoles at any angle. Heavily weighted, felt-padded base, gold finished. Harmonizes with any set or room. Supplied with 300-ohm lead-in.

LIST PRICE \$6.95

Write for literature. Sold by leading distributors.

PEERLESS PRODUCTS INDUSTRIES
820 N. PULASKI RD., CHICAGO 51

On RTMA Committee

Kenrick Lippitt, chief engineer of Technical Appliance Corp., Sherburne, N. Y., manufacturers of Taco antennas and accessories, is now serving with the RTMA 31C committee on receiving antennas. The duties of the committee include setting up standards to be adopted by antenna manufacturers whereby performance figures will be based on predetermined factors, thus attaining figures that may be intelligently evaluated by the trade

Scott Dealer Aid

"Scott Notes," a monthly house organ for the sales personnel of dealers, is being sent to dealers by Scott Radio Laboratories. It contains articles and illustrations on selling methods, product features, how sales personnel in various Scott outlets are using effective sales approaches, and other material of help and interest.

DuMont "WESTBURY II"

A new 19-inch TV set has been announced, the "Westbury II". It includes FM radio and a jack for phono attachment. Traditional cabinet is of mahogany veneer with full length doors. List price is \$625 in mahogany. Allen B. Du-Mont Laboratories, Inc., 515 Madison Ave., New York 22, N. Y.—RADIO & TELEVISION RETAILING.

RCA Contest Winners Announced by Tube Dept.



Receipt of Custom Fords by first prize winners in the RCA Radio Battery "Get the Facts" contest was the occasion for these happy smiles. The winners were Ray J. Becker (extreme left), battery dealer salesman of Sioux Falls, South Dakota, and Verne Larson (extreme right), distributor salesman for Warren Radio Supply, Sioux Falls. Shown with them are Louis Warren (second from left), of Warren Radio Supply, and Joe Fleming, RCA field

Duosonic PORTABLE PHONO

A new portable 3-speed automatic phonograph has been introduced, the model 117. Plays up to 12 records at one loading. Case is covered in simulated leather; includes lock and key. Sonic Industries, Inc., 221 W. 17th St., New Greene Street, New York, N. Y.

Plastictronics VIDEO CHAIR

A portable television chair has been introduced, the "small fry video chair. Made of Vinylite plastic, it inflates like a beach toy. Suction action of the design causes it to grip the floor, so that it will not tip over. List price is \$2.50. Plastictronics, Inc., 54 Greene St., N.Y.C.

RADIO AND TELEVISION SUPPLIES



HAVE YOU A JOB FOR A TRAINED TECHNICA

We have a number of alert young men who have completed intensive training in Radio and Television Repairing. They learned their trades thoroughly by working on actual equipment under personal expert supervision. If you need a trained man, we invite you to write for an outline of our course, and for a prospectus of the graduates. No fees, of course. Address:

Placement Manager, Dept. P110-10

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Bond quipment Co. Dept. 53 · 6633 Enright
St. Louis Mo.

Modern Displays Need LIGHTED MOTION!

New Action Display-Way to Boost Your Sales!



Lights turn with table 18" Turntable revolves 3 times a minute Carries up to 200 lbs. Sturdy, steel construction Operates on A.C. only



The oldest name in turntables ... Model 712 ROTO-SHO illustrated here revolves 3 times a minute. Permits novel, self-contained lighting effects and operation of electrical devices while table is in motion. Build-up Fixtures available tool Write TODAY for full information and complete ROTO-PRODUCTS catalog. catalog.

GENERAL DIE AND STAMPING CO., 262-TV Mott St., New York 12 Integrity Since 1919

1951 Caldwell-Clements DISTRIBUTOR DIRECTORY

of the RADIO
TELEVISION
ELECTRONIC
APPLIANCE

Industries

and all activities are shown apple, if the first letter in the group end of a line is letter "T" it indicates cributor of television sets and other merties the first letter is "P" it means that the ly a distributor of parts and maintenance l possibly sells at retail also. An asterisk

farther so, vice to turers, has been the key field. Because the distributed and are sensitive to the industry's indispensable and mute men.

To the manufacturers, distributors and merepresentatives who cooperated so wholeh this original research, we want to express ou preciation.

THE
DISTRIBUTORS'
\$3,000,000,000
MARKET

150,697,000 Population

47,000,000 Families

38,000,000 Wired Homes

> 6,000,000 Farms

39,710,000 Automobiles

30,000 Primary Dealers

25,000 Secondary -Dealers

> 50,000 Servicemen

85,000 Amateurs

100,000 Experimenters

700,000 Licensees FCC

3,046 AM-FM-TV Stations

> 70,000 Factories

55,000

Institutions

plus Government Purchases



RADIO & TELEVISION RELEVISION TODAY" RELEVISION TODAY"

"RADIO & TELEVISION TODAY"
Including "RADIO & TELEVISION"
and "ELECTRICAL RETAILING"

D. H. CALDWELL, Editorial Director

M. CLEMENTS, Publisher

Now . . . a Who's Who of Distributors!

Wholesalers Girding for Great Problems in Soaring Dollar Volume—Welcome Aid of New Directory with Long Range Plan and Purpose.

In presenting the industry with its first and only comlete directory of TV-appliance distributors, RADIO & ELEVISION RETAILING is charting a new course in disibution—exploring a new world in the sense that the egion of its effort is seething with new activities in hich there is great need of new guides and new working tools.

Scarcely had the editors finished their preliminary impilations when national defense took a firmer hold in industry and gave the Distributor Directory a new ple of helpfulness. Under the state of emergency proaimed by the President, the directory is even more ecessary and more useful.

Compilation of the Distributor Directory was a long, ainstaking and anxious job, encountering all of the reat problems that spring from new conditions in the eld. Foremost was the functional change that followed the industry's sudden rise to multi-billion dollar ature. But the directory also had to record, or at least effect, the entrée of new capital and new personnel, all eking a share in the television dollar.

Planning on the principle that ACCURACY and OMPLETENESS are absolute essentials, RADIO & ELEVISION RETAILING went direct to the original purces of distribution data—first the manufacturers and then the distributors themselves. Each supplied a neck on the other. To be certain of getting a sound, tive roster, every listing was verified three ways: (1) ADIO & TELEVISION RETAILING'S own lists; (2) lists trainished by manufacturers, and (3) questionnaires retrained by distributors.

Since a directory is only as valuable as the ease or prevenience in using it, all listings are arranged alphaetically by states and cities, and all activities are shown y symbols. For example, if the first letter in the group f symbols at the end of a line is letter "T" it indicates the firm is a distributor of television sets and other mertandise, but if the first letter is "P" it means that the rm is primarily a distributor of parts and maintenance suipment and possibly sells at retail also. An asterisk

at the end of the line signifies that the distributor is a member of the National Electronic Distributors Association (NEDA).

We ask our readers to look upon the directory as merely the first step in the compilation of a permanent and continuing roster of distributors. Compilation work will continue apace with the growth and changes in the field in order that the basic records may include additional names, omissions if any, and changes in the specialized activity of distributors.

The Need of a Merchandising Mobilization

Because the distributor is faced with a new tempo in his business and radical new conditions in marketing, he must accept the "facts of life"—must make a decision which many merchandise distributors have already made. He must ask himself whether he is going to be a real distributor, performing all of the functions of a distributor and protecting his own customers (radioappliance-record dealers, servicemen and sound specialists) or whether he is going to give the same discounts, prices and treatment to consumer buyers.

The TV distributor must remember that, today, he is a brand new entity to the extent that he has a rapid acceleration of dollar volume in a field where styling is a decisive factor and lines are "perishable" if distribution policies are unsound or too slow-acting in moving one's inventory.

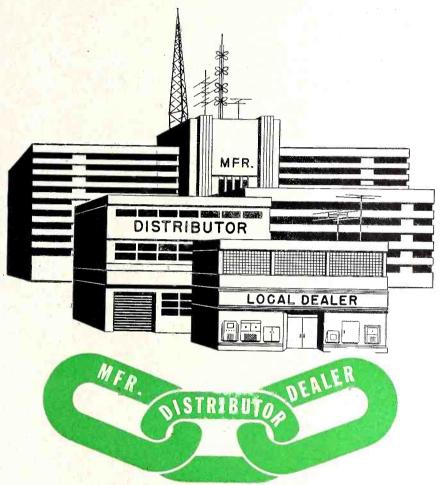
While the publishers' aim has been to fill one of the important voids in merchandising and distribution, it is also a tribute to the great body of distributors whose faithful service to the retail trade and the manufacturers, has been the keystone of distribution in this field. Because the distributors know their markets so well and are sensitive to the slightest trend, they are the industry's indispensable "minute men."

To the manufacturers, distributors and manufacturers representatives who cooperated so wholeheartedly in this original research, we want to express our deep appreciation.

The Television Distributor's in TV, Radios, Electronic

With Mobilization, Nationwide TV and Color Coming, the Wholesaler Must

Expand for Complete Service to the Nation and the Home, Through Dealers



As Essential Link Between Manufacturers and Dealers, Distributor Must Plan Every Aspect of Big Business in TV and Radio Sales, Replacement Parts, and Electrical Appliances

• There are tremendous opportunities ahead in every territory for the distributor who has the foresight and ability to build a complete TV-electrical distribution outlet with adequate plant, complete inventories, and trained personnel. With nationwide TV and color-TV coming, the television distributor will become the key factor in the multi-billion-dollar business in television and radio receivers, parts, electrical appliances, phono records, players, recorders, and public address equipment.

The television distributor must plan to take an even more active part in this big business of TV and radio sales, replacement parts and electrical devices. The public's amazing acceptance of TV has raised the radio-TV wholesaler into a position of greater importance, involving added responsibilities and facilities, and more inti-

mate relationship with the merchandising efforts of the dealers. New set sales and replacements will provide the distributors' dealers continuing contacts with home-millions for selling more appliances, more repair and maintenance service, spiralling the distributors' business even higher.

Let's look into the varied activities of the modern distributor, and examine the reasons for his growth from a one-time mere seller of parts and products to the retailer to an institu-

tion performing a great variety of services to manufacturer and dealer.

Today's wholesaler does much more than merely distribute merchandise, for, in addition, he distributes advertising to his dealers, he distributes sales and service training, dealer-aid material; he distributes top-of-the-field market knowledge and speedy adjustment service to his customers. The good jobber is the fast-moving link between the manufacturer and the dealer. Just as the merchant selects products he knows are suited to the needs of those in his community, so the distributor buys merchandise he knows the dealer can sell, and handle with a minimum of service.

Sales and Service Training

Again taking into consideration the tremendous size of the industry, it will be readily seen that the distributor is not just necessary, but vitally necessary today to handle the volume of mass-produced products. His warehouse facilities greatly reduce the amount of space needed by the manufacturer, yet at the same time he makes it possible for retailers to buy in small enough quantities to prevent top-heavy inventories, and also to permit the dealer to buy one or two items to test in his local market. In addition to financing the dealer, the efficient distributor is set up to advise the merchant on the latter's money problems, where to get capital for expansion, how to get the best floor-planning deals, and to give expert advice in many other directions.

In wholesaling circles today there's a marked trend toward heavy emphasis on sales and service training—always desirable but now a pressing problem of the trade. Never before has so much money and time been spent for this purpose. As a result, remarkably beneficial results have been attained. Progressive distributors hold numerous sales and service

FOR THE DISTRIBUTOR WHO WILL

Discard Old-Time Methods

Build a Complete TV-Electrical Sales Promotional Organization

Maintain an Adequate Plant, Complete Inventories, Trained Personnel

remendous Future - Parts & Electrical Appliances

inics. They stage dealer get-tothers to demonstrate new products, d they employ field demonstrators work with dealers.

The modern show-rooms set up by any of the country's leading distribors have helped dealers to arrange tter merchandising displays of their n. Such closer relationships bereen jobber and dealer have resulted greater consumer satisfaction and sharply reduced bounce-back rate. All of the foregoing is presented to ake a very strong case for the exist-ce of the distributor as the most onomical and fastest way to get oducts from the manufacturer to e retailer, and not to claim that the esent system is perfect, or that disibutors are lily-white guys who can ford to sit smugly over businesses at are so perfect that they have no ed for improvement. However, the od jobber knows where the faults, and will do all in his power to rrect them. The efficient, honest stributor knows that the money mes from the dealer. And he knows at unless he can retain the latter's iendship through fair-dealing he'll entually lose the dealer as a cusmer. One can draw an accurate mparison between the jobber and e dealer and the dealer and the cusmer when it comes to the need for od public relationships and squareooting.

Improved Operation

It is the feeling of a great many ople in this business that vast imovements have been made in the stributing field since the end of orld War 2. There's been a marked cline in back-door selling, in overading of dealers and in other merandising evils. Right after World ar 2, dealers all over the country rotested vociferously against "fa-ritism," wholesale prices to conmers, unprofitable assortment deals d what-have-you, and, of course, in l too many instances they were ght. By contrast, it is interesting note what happened in the shortpply situation right after Korea. ery few complaints of unfair treatent were voiced, and many dealers el that their suppliers did their st to divide scarce merchandise irly. A number of big distributing ganizations closed down for a few ys in order to set up equitable alcation plans.

The TELEVISION DISTRIBUTOR

Through New Set Sales and Replacements Provides His Dealers Continuing Contacts with Home-Millions for Selling Electrical Appliances

- Provides Warehousing Facilities
- Helps Finance the Dealer's Inventory
- Helps the Dealer with Advice on His Money Problems
- Furnishes Advertising Material to the Dealer
- Advertises to the Public to Help the Dealer Sell
- Initiates Promotional Campaigns
- Distributes Sales Training and Dealer Aid Material
- Furnishes Service Information, Training, Advice, Facilities
- Helps Fight Merchandising Evils
- Provides Showroom Where Dealer Can Select Merchandise
- His Product Exhibits Are Models for Dealers to Follow

The vastly improved relationships between jobber and dealer resulted in no small measure from the firm determination of leading wholesalers to make drives against merchandising evils within their ranks. A few years ago, codes of ethics were announced by numbers of jobbers, and lived up to for the most part. Associations, too, have helped in making the distributing business cleaner and better.

Still another reason for more cooperation and better understanding between the distributor and merchant can be attributed to the stabilization and improvement of salesmanship.

Just as the dealer has to live with his customers, the distributor also must live with his—the dealers. He sells as an expert, and as a friend.

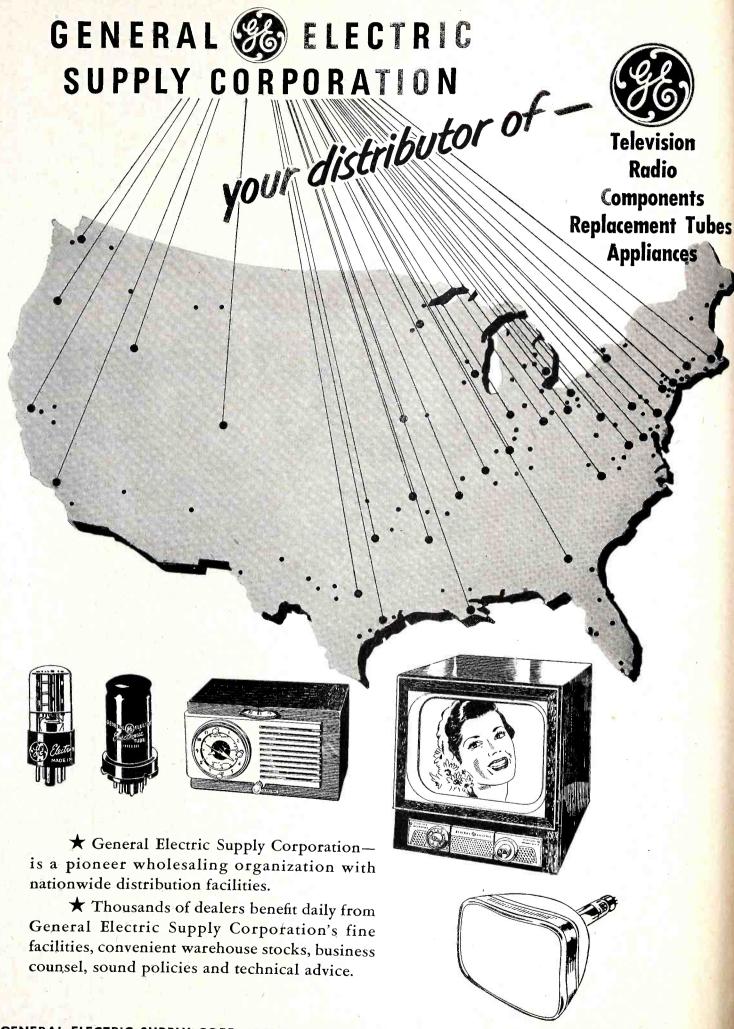
The gigantic task facing distributors today is being capably handled. They know and realize the value of good dealerships, and are trying to serve these accounts so that out of such cooperation will come mutual financial benefit, cordial relationships and a firmer business foundation.

TV Paces Tremendous Industry Growth

Public's Amazing Acceptance of TV Has Suddenly Spotlighted Radio-TV Jobber's Key Position

1938 14 million radios....\$ 640,000,000 6 million radios—\$210,000,000 7 million TV sets 2,149,000,000 33 million replace-60 million replace-40,000,000 ment tubes tubes 96,000,000 Radio-TV service Radio service parts and labor 105,000,000 parts and labor .. 450,000,000 Total \$355,000,000 Total\$3,345,000,000

1000% Growth in the Radio Industry Has Paid Off to Aggressive, Forward Looking TV Distributors. As TV Becomes Nationwide, a Six-billion Dollar Industry Is in the Offing. Distributors Who Have Not Yet Been Reached By TV Must Plan Ahead if They Are to Assume Their Proper Place in This Big Business.



1951

Caldwell-Clements

DISTRIBUTOR DIRECTORY

of the RADIO . TELEVISION . ELECTRONIC . APPLIANCE Industries

A Buying Guide for Retailers and Servicemen A Distribution Guide for Manufacturers

CONTAINS

Names of firms Addresses Owners or managers Telephone numbers Products sold Members, N.E.D.A.

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SYMBOLS USED

-Television

-Radio -Parts

Sound

El-Major appliances

Electrical housewares
Records & Accessories

Member, N.E.D.A.

COPYRIGHT, 1951, CALDWELL-CLEMENTS, Inc., 480 Lexington Ave., New York 17, N. Y.

Distributors are listed alphabetically under states and cities

ALABAMA

ANNISTON

Radio Dist & Supply 1029 Gurnee G R Dickert 4010 PSTRM

Bessemer Radio Supply 114 N 20 St C E Falkner Jr Owner 9231 P

AINGHAM

Ack Radio Supply 2205 3 Ave N E C Atkerson Owner 4-0588 PSTR Air Engineers Inc 1529 2 Ave P B Pepper TREIE2P

Alabama Appliance 13 & 1 Ave N TRP

Alabama Florida Dist Co 604 N 9 St L F Horn Pr 4-7437 TREIE2

Auto Service 1916 S 4 St H S Banton 3-4102 PSTR

Birmingham Electric Battery Ave B & 23 Sts E D Henley Pr TEI

Clark & Jones 1601 2 Ave S H S Jones Pr 4-4529 TREIE2

Clary Co James W 2024 4 Ave N James W Clary 4-2488 PSTRM*

Electric Constructors 3000 3 Ave S D M Clayton Pr 3-3243 TREIE2

Forbes Distributing 2600 3 Ave C D Mitchell Buyer 3-4105 PSTR

Graybar Electric 1529 1 Ave N J A Taylor Mgr EIE2

Gulf States Appliance 2215 3 Ave N S Kronenberg 4-6769 TMP

Hart-Greer 1625 2 Ave S L S Hart Pr TP

Lewis Supply 1023 N 19 St B Lewis Owner 7-1148 PSTREIE2

Long-Lewis Hardware 804 4 Ave N W E Lacey Mgr 3-9235 TREIE2

(RCA)

McDavid & Co R P 1430 2 Ave S R P McDavid 7-7166 TRE1E2PM

Moore-Handley Hdw 27 S 20 St W W French Jr Pr 7-4121 TRE1E2 Radio Parts & Equip 1909 5 Ave N P S Reid Dist 1724 5 Ave N J Reid Owner 4-8652 PSRM Steel City Supply 600 N 7 St R F Hall 4-0433 TRE1E2 Watts-Newsome 1705 1 Ave N J P Newsome TRE1 Wimberly & Thomas Hardware 1809 1 Ave S TRE1E2

DECATUR

Radio & Television Sup 717 Bank St W W Mock Owner 2231 PSTRM

Hand Supply 705 S Oates St P Signal Radio Supply 243 E Troy St J P McKinnon 4-0360 PSTR

JASPER

Ramco Radio Supply 20 St & 2 Ave S E Stevens Owner 244 PSTR

MOBILE

Emrich Radio Supply 656 Dauphin St C E Emrich 8-2596 PS Harris Supply 10 N Water St T O Cooper VP 2-0541 PSRE1E2

McDavid & Co R P 120 Water St T D Haas GM 8-1691 TREIE2PM

McGowin Lyons Hdwe P O Box 1209 J D Terrill VP 2-8721 PSTRE2 Moore Handley Hardware See Birmingham Nelson Radio 451 St Louis St P G Baucum PR 2-0411 PSTRME1E2*

MONTGOMERY

Loeb Hardware 120 Commerce St RE1E2
Nolin-McInnis 205 Commerce St D M McInnis 7323 PSTR
Southeastern Radio Parts 210 N Court St See Atlanta Ga
Teague Hardware 132 Commerce St W R Watson PS
Walther Bros Inc 115 Commerce St J P Walther 2-0369 TRPS

TUSCALOOSA

Allen & Jemison L R Moore 8-2781 PSTR*

(Directory continued on next page)

DISTRIBUTORS AT YOUR SERVICE



Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

ANNISTON—Radio Distrib & Supply Co.1029 Gurnee St BIRMINGHAM—Auto Service Co. 1916 4th Ave South James W. Clary Company 2024 North 4th Avenue Reid Distributing Co. 1724 Fifth Avenue North DOTHAM—Hand Supply Company 705 South Oates St MOBILE—Nelson Radio & Supply Co. 263 St. Louis St MONTGOMERY—Nolin-McInnis Inc. 205 Commerce St Tengue Hardware Company 132-134 Commerce St Walther Brothers Company 113 Commerce Street TUSCALOOSA—Allen & Jemison Company



Far your local distributor write or wire FADA Belleville, New Jersey

Editorial listings in lightface; advertiser's listings in boldface with side rules

ALABAMA (Continued)



BIRMINGHAM—Ack Radio Supply 2205 3rd Ave N
James W Clary Co 2024 Fourth Ave North
Forbes Distributing 2800 Third Avenue
Reid Distributing 1724 Fifth Avenue North
MOBILE—Harris Supply Company 10 N Water Street
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General Electric 441 W Madison L C Reuscher 4-1116 TRE1E2P

Graybar Electric 434 W Madison St TR

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Gough Industries 3255 5 Ave G L Porter WO 0659 TRE1E2
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Harris Inc R E 131 W Ash St TRE1E2
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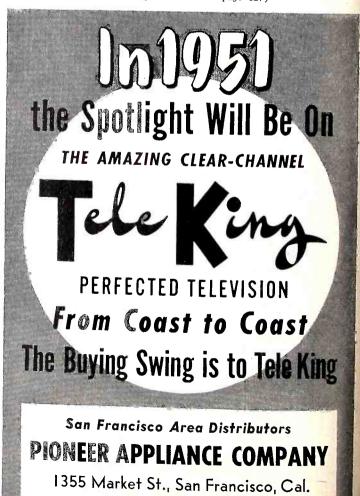
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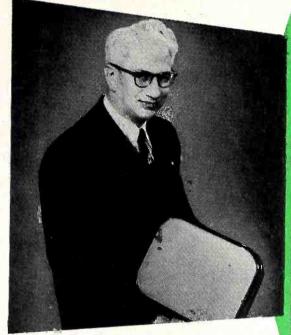
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Bond Radio Supply 439 W Main St Raymond Fulliero 3-2149 PSTR* General Electric 23 Nichols Dr P Damato Mgr 4-2143 TRE1E2P Hatry & Young 89 Cherry St J H Smith Jr 5-1181 PSTR*



BRIDGEPORT—D'Elia Electric 1330 Fairfield Avenue
Hatry & Young Inc 1700 Main Street
L N Waldhaus 1132 Norman Street
HARTFORD—Hatry & Young Inc 203 Ann Street
R G Sceli and Company 1347 Main Street
NEW BRITAIN—United Radio Supply 53 East Main Street
NEW HAVEN—Ammrad Company 843 Grand Avenue
Congress Radio Company 207 Congress Avenue
Hatry & Young Inc 77 Broadway
NEW LONDON—Hatry & Young Inc 428 Bank Street
STAMFORD—Stamford Radio Supply Co 562 Atlantic St
WATERBURY—Bond Radio Supply 439 West Main St
Hatry & Young Inc 89 Cherry Street

DELAWARE

WILMINGTON

Almo Radio See Philadelphia Pa
Garrett-Miller Co 4 & Orange Sts Reese Repp TRE1E2
General Electric 18 & Market C I Disney 5-5561 TRE1E2P
Graybar Electric 1005 W 4 St L E McIntyre Mgr TRE1E2
Radio Electric 3 & Tatnall Sts S Furman Mgr 6-8864 PSTR
Westinghouse Electric 400 S Market St W J Cashin TRE1E2
Wilmington Jobb & Distr 5 & French Sts E Freeman PR 8-4169 TR

(Directory continued on next page)



MINGTON—Almo Radio Company 6th & Orange Sta Radio Electric Service Co Third & Tatnall Streets

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WILMINGTON-Radio Elec Serv Co 4th & Tatnall St

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WILMINGTON—Radio Electric Third & Tatnall Streets



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American Wholesalers 5 & W Sts NE T Privot Mgr M1-1414 TRE1E2 Capitol Radio Wholesal 2120 14 St NW W B Jones HO-0800 PSTRM Electronic Wholesalers 2010 14 St NW J S Forti HU-5200 PS* Emerson Radio of Wash 1522 14 St NW Sam Schack HU 7255 TRPS Fairfax Distr 702 H St NW ST-1480 TR General Electric 705 Edgewood NE JW Belt HU-6800 TRE1E2P Graybar Electric 60 Fla Ave NE F F Jasperson Mgr AD-4800 TRE1E2 Greber Dist Co 930 F St NW Jos Greber RE-7129 TRE1 Kaufmann-Washington 1215 Kenilworth NE LU 1-2100 TRE1E2M Kenyon Radio Supply 2020 14 St NW H Cohn Owner CO 3161 PSM* Malco Wholesalers 472 L St NW A A Alperstein Pr ST-4343 TRE1 Mid-Atlantic Appliance 2046 W Va Ave NE LA 6-5500 TRE1E2 Morris Sales Edgar 712 13 St NW G F Knidley VP NA 1031 TRE1E2 Rucker Radio Wholesale 1312 14 St NW L C Rucker MI 8554 PSRM* Silberne Ra & Electronics 3308 11 St NW M Silberman HO-7671 PS* Simon Distributing 615 Penna Ave NW J H Simon RE 2180 TRE1E2

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Southern Wholesalers 707 Edgewood St NE HU-3422 TRMPS

Sun Radio 938 F St NW W M Pelz Buyer ME 3500 PSTR Washington Appliance Distr 1832 M St NW F R McGregor ST 9160 TR Washington Wholesalers 2053 Va Ave M L Krewer LA 6-9100 TRE1 Westinghouse Electric 1216 K St NW N C Lease NA-9700 TRE1E2 Zamoiski Co Jos M 2122 24 PL NE C J Zamoiski FR-9936 TRE1E2P

(Directory . continued in next column)



WASHINGTON—Capitol Radio Whlsrs 2120 14th St N W General Electric Supply Co 705 Edgewood St NE Rucker Radio Wholesalers 1312 14th Street NW

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FLORIDA

DAYTONA BEACH

Hammond-Morgan Inc 228 Volusia Ave See Orlando

FT. MEYERS

Kinkade Radio Supply See Tampa

GAINESVILLE

Baird Hardware 1 SE 1 St CA Pound Pr 8531 TRPSE1E2

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CAIN & Bultman Inc 335 E Bay F M Bultman Pr 5-0482 TREIE2
Emerson Radio of Fla 803 Main St TR
Empire State Distr 800 E Bay EK Rudolph GM 5-9641 TREIP
Everitt Corp Security Warehouse RM Everitt Jr Pr TR
General Electric 530 E Forsyth R R Barnes 5-6363 TREIE2P
Graybar Electric Co 12 & Main Sts RB Sayre 6-7611 TREIE2
Kinkade Radio Supply See Tampa
Major Appliances 536 E 4 St 4-3330 TR
Peaslee-Gaulbert Corp See Louisville Ky
Radio Parts 712 N Main St PS
Seaboard Dist Co 402 E Bay St TR

Southern Hdw 11 S Newnan St R H Cowan Pr JA 3-5761 TRPSM

State Distr Co 700 E Union St CB Brichwood SM 2-2800 TRE1 Thurow Distributors 15 E Church St F Mitchell 5-3727 TRE1PSM Towers Distributing 2014 W Beaver St TRE1 Westinghouse Electric 37 S Hogan St V F Fox TRE1E2 (Directory continued on next page)

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FLORIDA (Continued)

IAKFLAND

Radio Accessories See Orlando

MIAMI

Gain & Bultman See Jacksonville
E Coast Radio & TV 914 N Miami Ave Saul Tashman 82-1341 PSTR
Electric Sales & Appl 1550 NE 2 Ave D R Thurman TRE1P
Electronic Supply 61 NE 9 St A Seidler PR 9-4503 PSTRM
Emerson Radio of Fla 131 NE 10 St Ray Friedman 2-4188 TR
Flagler Radio Co 1068 W Flagler St R H Lehfeldt PR 3-1425 PS
General Electric Supply 811 NW 1 Ave C R Murply Mgr TRE1E2P
Graybar Electric 875 NW 1 T E Powell Mgr 2-3168 TRE1E2
Herman Radio Supply 1745 NE 2 Ave Harvey Herman 2-8147 PSTR*
Household Appliance 150 NW 21 St T Pritikin PR 9-2431 TREI
McDonald Electric Co 367 NW 6 St R S McDonald PR 3-8675 TRE1E2
Major Appliances 925 W Flagler St W Reynolds 3-6423 TRPE1
Pan-American Electric 1900 E Miami Ct TR
Peaslee-Gaulbert Corp 152 NE 11 St See Louisville Ky
Radio Parts Inc 1209 NE 1 Ave E V Seidler PR 2-7441 PSTR

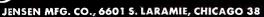
Sea Coast Appliance 36 NE 21 St S Glaser PR 9-1761 TREIPSM

Thurow Distributors 420 SW 8 Ave H F Frick BR Mgr 9-6571 TRE1P Walder Radio Appl 1809 NE 2 Ave R J Schneider 3-222 PSTRM* Westinghouse Electric 11 NE 6 St GH Wygant Br Mgr TRE1EZ Wholesale Appliances Inc 965 SW 8 St J B Koger Pr 9-6161 TRE2M

ORLANDO

General Electric 523 N Garland R J Brindel 2-1377 RE1E2P Graybar Eectric Co 533 W Central Ave H E Smitter TRE1E2 Hammond-Morgan Inc 9 S Terry St C E Morgan 2-5833 PS Radio Accessories 65 E Church St E C Amerman 8909 PS Thurow Distributors 129 S Ct St Cecil Ritch BR Mgr 6606 TREIP

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ST. PETERSBURG

Cooper Radio Co 648 2 Ave N C B Cooper Owner 7-7120 PSRM Graybar Electric 1900 1 Ave R L Munro Mgr RE1E2 Morley Radio Elec Supply 1615 16 St S J A Braun Mgr TRE1E2 Welch Radio Supply 408 9 St S W D Welch Owner 7-8655 PSR

SARASOTA

Morley Electric Supply 944 Main St S E Benjamin 2718 TRE1E2

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Thurow Distr 739 N Monroe St H M Carpenter 2-1263 TRPSE1E2

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Brooks Supply Co 4410 N Armenia Ave R Byars-Forgy Inc 105 E Twiggs St W H Forgy M 1828 RE1 Cain & Bultman See Jacksonville

Electric Supply 106 S Franklin St W J Pinkston 2-3745 RPSME1

Emerson Radio of Fla 209 Franklin St R
General Electric Supply 512 S Morgan T H Cherry 2-1805 RE1E2P
Graybar Electric 416 Ellamae St R S Robinson M-2601 RE1E2
Kinkade Radio Supply 402 Fortune St E T Kinkade Pr PSR
L & L Distributors P O Box 5658 W W Leavine Owner 2-1849 RE1E2
Major Appliances Inc 419 Ellamae Ave 2-9422 R
Peaslee-Gaulbert Corp See Louisville Ky
Radio Accessories See Orlando
State Distributing 209 S Franklin St Tom Simmons RE1
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ATI ANTA

ANTA

Atlanta Phonograph Co 27 Pryor St SW J C Luttrell WA-3380 PSM
Beck & Gregg 217 Luckie St NW J L Williams WA-2010 RE1E2P
Brown Distr 731 Glenn St SW J C Brown Pr RA 6137 TRE1
Concord Radio Corp 265 Peachtree St WA-5140 PSTR
Cowan-Boze Co 224 Nelson St SW P J Carroll SM WA-8640 TR
Economy Auto Stores 1130 Bankhead Ave NW Edward Walkley Pr TR
Edwards-Harris 258 Peachtree St E H Edwards LA 5668 TRE1E2
Electric Sales 209 Walton St NW TRE1E2
Electrical Wholesalers 229 Whitehall F H Dendy CY-3431 TRE1E2
Garvin Electric Co 69 Forsyth St NW B J Garvin PS
General Electric 172 Haynes St SW D M Clarke Jr MA-3811 TRE1E2P
Georgia Appliance 1405 Spring NW H Thomas Pr AL-8805 TRE1E2P
Georgia Distributors 754 Ponce de Leon H H Hurt Pr EM-5681 TR
Graybar Electric 333 North Ave NW AD Hammond Mgr TRE1E2
Hopkins Equipment 418 W Peachtree A H Crook Pr Cy-8505 TRE1E2
Kenrow Inc 451 Bishop St NW Vance Woodcox HE-7524 TR
Martin Dist Co CS 250 Peachtree St NW TR
Peaslee Gaulbert 300 Peters St SW M O Mosteller AL-8611 TRE1E2
Schiffer Distr 316 Ivy NE M S Schiffer Owner LA-8656 TRE1E2
Southeastern Ra Parts 442 W Peachtree NW W M Grigsby LA-7536 PS
Specialty Distr 425 Peachtree NW M E Warren AT-4406 PSTR
Westinghouse Electric 1299 Northside Dr NW W A Emerson TRE1E2

Yancey Co 340 Peachtree St NW J D Yancey MA-7337 TRE1E2PSM

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Tuten & Long 410 E Bay St R Tuten PS
Westinghouse Electric 580 Indian St F B Hickman Br Mgr RE1E2

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Georgia Appliance Company 1405 Spring St NW
Specialty Distributing Co 425 Peachtree St NE
AUGUSTA—Prestwood Electronics Co Inc 708 Reynolds
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Craddock Radio Supply 1522 State St R V Craddock 4948 PSRM* General Electric Supply 618 S 4 St M M Saville Mgr 4343 RE1E2P Graybar Eectric Co 14 & Idaho Sts L M Smith Mgr RE1E2 Idaho Hdw & Plumbing PO Box 547 R Kopke Electronics Co 119 Peasley St H E Kopke 7208 PSR* Strevell-Paterson 126 SW Temple St G A Rogers Pr 4-6461 RE1E2 Westinghouse Electric 710 Front St H H Falkner 7611 RE1E2

IDAHO FALLS

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POCATELLO

Billmeyer's Wholesalers C R Billmeyer Owner 698 RPE1E2
(Directory continued on next page)



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Allied Radio 833 W Jackson A Brodsky PA HA 1-6800 PSM*
Alter Co Harry 1728 S Michigan Ave H Alter Pr WA 2-3250 TRE1
American Sales 1811 W 47 St Ted Wilson Pr YA 7-0656 P
Appliance Distrs 444 Lake Shore Dr Tom Carey WH 4-2800 TRE1E2P
Arvin Distrs 150 N Wacker Dr W. E. Skinner Br Mgr FR 2-5873 TRE2
Bard Co J F 220 W Locust St SU 7-6076 T
Belmont Distr 153 W Huron St H V Schwartz G M WH-4-1300 TR
Bercraft Corp 4440 N Clark St B W Citron Owner LO 1-8996 TRE1E2
Bowman & Co J G 515 E 75 St J G Bowman Owner TR 4-8070 PS*
Chauncey's Distributing Corp 1327 W 79 St
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Chicago Radio Apparatus 415 S Dearborn St HA-7-2276 PS
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Chicago Radio Prod 5453 S Halsted R M Shlaes Owner BQ. 8-4202 PS
Clayton Radio 2754 N Ashland T Dopke Owner GR 7-1075 PSTR
Concord Radio 901 W Jackson Blvd J Branum Buyer HA 1-0422 PS
Cooper Jr Inc R 836 S Canal St R T Cragg WA 2-7000 TRPE1E2
Electric Supply 701 W Jackson Blvd J Branum Buyer HA 1-0422 PS
Cooper Jr Inc R 836 S Canal St R T Cragg WA 2-7000 TRPE1E2
Electric Supply 701 W Jackson Blvd CA 6-4100 TRE1E2
Graybar Electric 850 W Jackson Blvd CA 6-4100 TRE1E2
Graybar Electric 850 W Jackson Blvd CA 6-4100 TRE1E2
Green Mill Radio 145 W 111 St N Westerweld PU 5-9840 PSTR
Howard Electronic Sales 3149 W Fullerton Ave EV 4-1844 PSM
LaSalle Appliance Distr 743 N LaSalle St Mo 4-3144 TR
Lowenthal Co T R 1205 Shervin T R Lowenthal Owner RO 4-0784 P
Lukko Sales 5024 Irving Park Rd W O Schoning Pr CE 3-4800 PSTR
Mann Co H U 1230 W Jackson Blvd TA 9-5100 TE1E2
Midwest Electronics 6907 N Western Ave W C Braun RO 1-1160 PS
Morts Radio Shack 630 W Randolph St ST 2-3868 PSTRM
Motorola-Chicago Co 1330 W Washington Blvd TA 9-8800 TRE1
Mykroy Inc Central & State NE 1-8211 PS
Nařion Wide Radio 572 W Randolph St J. E. Bass DE 2-6509 PS
Newark Electric 323 W Madison St S Poncher Pr ST 2-2950 PSTR
New World Distrs 540 N LaSalle St Jerome Markoff MO 4-3435 TE1
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ICTOR

RCA Victor Distr 445 N Lake Shore Dr WH 4-4600 TRPSM

Remco Inc 545 N LaSalle St R E McGreevy Pr SU 7-9560 TREIM Sampson Co 2244 S Western Ave Peter Sampson Pr VI 7-6363 TREIM Schulman Co S E 512 S Michigan Ave WA 2-3080 TR Sentinel TV Sales 401 N Leavitt St L S North Pr MO 6-6110 TR

(Directory continued on next page)



BELLEVILLE—Lurtz Electric Co 210 North III Street BLOOMINGTON—J W Arbuckle 626 West Oakland St. CALUMET CITY—Chauncey's Inc 136 Pulaski Avenue CHAMPAIGN—Radio Doctors 340 North Hickory Street CHICAGO—Allied Radio Corp 833 West Jackson Street Chauncey's Inc (2 stores) 4737 W Chicago Avenue Lukko Sales Corporation 5024 Irving Park Road Nation Wide Radio 572 West Randolph Street Newark Electric Co 323 West Madison Street Star Electronic Distributors Inc 7736 S Halsted St Walker-Jimieson Inc 311 South Western Avenue DANVILLE—Allen Electric Co 18 E North Street DECATUR—York Radio Supply Corp 801 N Broadway DIXON—Illinois Appliance Company 407 W First Street KANKAKEE—Radio Doctors Supl House 220 E Station MT CARMEL—Wabash Radio Distributing 700 Plum St PEORIA—Herberger Radio Supply 136 First Street Klaus Radio & Electric Company 707 Main Street Ross Radio 1915 Main Street

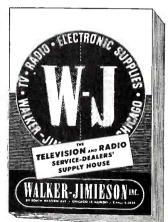
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DANVILLE

Allen Electric 18 E North St N E Reed Buyer 408 PST Westinghouse Electric 603 N Gilbert St W T Gibson TRE1E2

DECATUR

Crum Distr 260 East Wood St R R Crum Owner 3-7776 TREIE2S Loughnane & Co 802 Water St A P Loughnane 2-4187 PSTREI York Radio Supply 801 N Broadway Al Schaar 3-3484 PS

DIXON

Illinois Appliance 407 W 1 St PS

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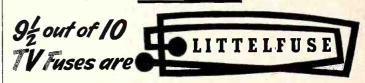
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(Directory continued on next page)

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DES MOINES—Bi-State Distributing Corporation
General Electric Supply 513 East Court Street
Gifford-Brown Company 1326 Walnut Street
Iowa Radio Corporation 1212 Grand Avenue
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for data needed in compiling the

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The mail man will soon bring each representative a questionnaire to double-check his name, address and activity. Its prompt return, properly filled out, will be the basis of free listings and, of course, greatly appreciated.

If any Representative fails to receive a questionnaire, we hope he will drop us a line asking "where's mine?"

Soon after the presses start rolling, the industry will have a worthy companion to the Distributor Directory which you will find in this issue of RADIO & TELEVISION RETAILING.

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Westinghouse Electric 233 S St Francis Ave H A Smock TRE1E2 Wichita Bldg Mat 418 Commerce R K Nighswonger 3-4256 TRE1E2 (Directory continued on next page)

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SEE STANDARD COIL JOBBERS

TOPEKA—Acme Radio Supply 516 Quincy Street WICHITA—Hennigh's Inc 436 S Emporia Street

92 out of 10





KENTUCKY

ASHLAND

Ashland Radio Supply 2125 Winchester Ave O P Whitton 3125 PS Williamson & Co Ben 1539 Greenup Ave RP

GLASGOW

Crescent Radio Supply 222 Leslie Ave Leonard Deloteus 449 PS

HARLAN

General Electric Supply Hoskins St J E Brumbach Mgr 8!5 RE1E2P

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LEXINGTON

General Electronic Distributors 134 W 3 St C E Frazier Prop LD-37 PSTR General Electric 309 N Ashland Ave M McKinney 2-1887 TRE1E2P Ky Radio Supply 376 E Main W R Davis 2-3373 PSTR Radio Equipment Co 480 Skain Ave A A Abraham PSTR*

LOUISVILLE

Burks & Co P1 911 W Broadway P 1 Burks JA-7323 PSTRM Cooper-Louisville Co 305 W Main St S J Rapier Pr JA-7381 TRE1 Electric Appl Distr 1601 S 1 St E A Carney Pr CA-1461 TRE1

VICTOR

Ewald Distr Co 309 S 9 St G R Ewald JA-8227 TRE1E2SPM

Falls City Supply 315 Roland Ave JA-3820 TR
Foster Dist Co 409 W Main St TR
Fulmer of Ky Arthur 130 S Floyd St Arthur Fulmer TR
General Electric 2311 S Brook R H Warren CA-3651 TRE1E2P
Graybar Electric Co 624 Myrtle St C H Brown Mgr TRE1E2
Kentworth Corp 726 W Main St J F Williams AM-1806 TRE1
Otis-Hidden Co 6 & Main L C Spillman Pr JA-7232 TRE1E2
Peaslee-Gaulbert Corp 226 N 15 St J A Means Pr JA 7221 TRE1E2
Peerless Electronic 912 S 2 St C C Baines JA-0295 PS*
Prica Distr 131 W Main St J A Price Pr JA-4396 TRE1E2
Perstration & Terstegge 104 N 15 St H Harlow SM TRE1E2
Sutcliffe Co 609 W Main St J Gerber TRE1M
Tafel Electric Supply 329 W Main St Paul Tafel Jr TRE1E2S
Universal Radio 533 S 7 St W R R La Vielle Pr JA-1413 PSTRM*

Standard COIL PRODUCTS CO., INC.

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NEWPORT

Apex Distr Co 506 York St J D Roell Partner AX-1949 PSTRE2M

OWENSBORO

Central Electronic Supply 600 W 3 St Ed Stanley 3-6727 PS*

PADUCAH

Strickland Distr Co 113 N 2 St I H Strickland Owner 734 TRE1E2 W Ky Electronic Supply 1205 Bdwy C H Hall Partner 4503 PSM

(Directory continued in next column)

DISTRIBUTORS AT YOUR SERVICE



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LEXINGTON—Kentucky Radio Supl Co 376 E Main St LOUISVILLE—P I Burks & Company 911 W Broadway NEWPORT—Apex Distributing Company 506 York St PADUCAH—W Kentucky Electronic Supl Co 1207 Bway



Manufacturers of Long Range · TV and FM Antenna Systems



GLASGOW—Crescent Radio Supply 222 Leslie Avenue LEXINGTON—Electronic Distributors 134 W 3rd Street Radio Equipment Company 480 Skain Avenue LOUISVILLE—P I Burks & Company 911 W Broadway Ewald Distributing Co 309 South 9th Street Peerless Electronic Equipment Co 912 S 2nd St R & K Distributing Company 801 W Catherine Universal Radio Supply Co 533 S 7th Street NEWPORT—Apex Distributing Company 506 York St OWENSBORO—Central Elec Supply Co 600 W 3rd St PADUCAH—West Kentucky Elec Supply Co 1205 Bway

LOUISIANA

ALEXANDRIA

Brown-Roberts Hdw Supply 1810 3 St 8851 TRE1E2 Central Radio Supply 509 Monroe R K Andrews 8485 PSTR∜

BATON ROUGE

Electronic Supply Co 1751 N 21 St L T Hepler 2-0517 PS La Radio/TV Distr 1042 North Blvd C A LeBlanc Pr 3-9671 PSTRM Ole Miss Supply 110 S 19 St C R Hargroder Mgr 3-4035 PSTR



LAFAYETTE

Butcher Bros 113 W Main PS Radio Electronic 1419 Cameron St R G Thibodeaux 3168 PSTRM*

LAKE CHARLES

Wholesale Radio Equip 104 Ryan St F A Keys 6-5991 PSTRM

LAKE PROVIDENCE

Schneider & Sons 215 Lake St F H Schneider Jr PS*

Hale & McNeil 301 Pine St L L Hale Partner 988 PSRM*

NEW ORLEANS

Allen Supply Co Wm B 1601 Orleans Ave W B Allen PS*
Bell Radio Supply 2625 Tulane Ave PS
Columbia Radio & Supply 3940 3 St C E Davidson UN-2731 PSTR*
Crescent Radio & Supply 1428 Baronne S L Lemarie CA-3112 PSR

Electrical Supply 201 Magazine St L L Hirsch Pr RA-7272 TRPSME2

Electronic Sup & Eng'g 205 N Broad St J J Zammit AU-7787 PSTRM General Electric 733 Tchoupitoulas J A Hofheinz MA-2011 TRE1E2P Graybar Electric 601 S Peters St W A Moorefield Mgr TRE1E2 Industries Sales 2927 Jackson Ave W H Bramblett CH-3721 TRE1E2 Interstate Electric 1001 S Peters F B Stern VP CA-8541 TRE1E2 Interstate Electric 1001 S Peters F B Stern VP CA-8541 TRE1E2M Lehleitner Co Geo H 4640 S Carrollton St AU 8741 TRE1 Lightg Fix & Elec 307 Tchoupitoulas C C Langwith RA-8233 TRE1E2 Maritime Electric 615 Commerce St TR
Modern Appliance 4300 Wash B M Myers Jr Pr UN-6311 TRE1E2 Ole Miss Supply 901 Caronolet St E K Moore Mgr TU-3555 PSTR Patterson Co C T 800 S Peters St R L Simpson Pr RA-4211 TR
Pee-Jay Radio 2306 Tulane Ave P J Nami Jr Owner AU-0807 PSTRM Radio Specialty Corp 3119 S Carrollton Ave L Cristadoro Pr TRE1 Shuler Supply 407 Dryades St W A Schuler RA-2166 PS*
Southern Music & TV 536 Baronne S N Collenberg VP TU-7125 TP Southern Radio Supply Co 407 S Roman St A Schadler PS*
Stratton-Baldwin 700 Tchoupitoulas A A Demarest RA-7281 TRE1 United Distributors 510 Poydras St O H Rasch Pr CA-5611 TRE1
Walther Bros 714 Howard Ave Henry Walther Jr Pr CA-7731 TRE1PS Westinghouse Electric 2538 Poydras J R Smith Br Mgr TRE1E2
Woodward Wight Co 451 Howard Ave L C Deckbar Pr Ra-1231 TR



ALEXANDRIA—Central Radio Supply Co 509 Monroe BATON ROUGE—Electronic Supply Co 1751 N 21st St LAFAYETTE—Radio-Electronic Supl 1419 Cameron St LAKE PROVIDENCE—F H Schneider & Sons 215 Lake NEW ORLEANS—Crescent Radio & Supl 1428 Baronne Shuler Supply Company 407 Dryades Street SHREVEPORT—Electronics Company 311 Market St Koelemay Sales Company 220 Crockett Street

LOUISIANA (Continued)

SHREVEPORT

Dunckelman-Pace 1417 La Ave J K Dunckelman 2-8453 RE1E2PS Electronics Co 311 Market St M L Dickinson Buyer 3-7162 PS General Electric 206 Market St J C Griffith Mgr 5209 RE1E2P Graybar Electric Co 90 Fannin St A W Sheeler Mgr E1E2 Interstate Electric 630 Spring St H M Bizzell 3-6131 TRE1E2PM Koelemay Sales Co 220 Crockett St J M Koelemay 3-4256 PS* Ogilvie Hdw Co 217 Jones St TR Tri-States Distr 203 Crockett St A R Graves Pr 3-0534 TRE1E2 Westinghouse Electric 120 Caddo H L Turner Jr 3-0583 TRE1E2 (Directory continued in next column)

AT YOUR SERVICE



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ALEXANDRIA—Central Radio Supply Co 509 Monroe BATON ROUGE—Electronic Supl Co Inc 1751 N 21st St Louisiana Radio & TV Distributors 1042 North Blyd LAFAYETTE—Radio Electronic Supl 1419 Cameron St LAKE CHARLES—Whol Radio Equip Inc 104½ Ryan MONROE—Hale & McNeil North Third & Pine Streets NEW ORLEANS—W B Allen Supply Co 1609 Orleans Bell Radio Supply Company 826 North Broad Ave Crescent Radio & Supply Inc 1428 Baronne Street Electronic Supply & Eng Service 205 N Broad Ave Interstate Electric Company 1001 South Peters Pee Jay Radio Electronic Inc 2306 Tulane Avenue Radio Parts Incorporated 807 Howard Avenue Shuler Supply Company 415 Dryades Street Walther Brothers Company Inc 714 Howard Ave Koelemay Sales Company 220 Crockett Street

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MARITIME ELECTRIC COMPANY

615 Commerce St., New Orleans, La.

MAINE

AUBURN

Radio Supply Co 26 Cross St C C Coffin Buyer 4-5486 PSR*

AUGUSTA

Westinghouse Electric 90 Water St J B Blackburn Br Mgr RE1E2

BANGOR

General Electric 840 Hammond St E L Hall Mgr 7331 RE1E2P Radio Service Lab 76 Exchange St R G Basbas 7396 PSR Westinghouse Electric 175 Broad St C J Libby Br Mgr RE1E2

PORTLAND

Brown Co Frank M 12 Free St P T Brown Pr 3-4791 PTRE1E2 Cole Co C B 40 Elm St C B Cole Pr 3-6787 TRE1

ICTO

Cressey & Allen 35 Commercial St H S Holmes 3-0288 TRSM

Day's Inc 489 Congress St TR
Farrar Brown Co 494 Forest Ave C Olsen Pr 4-6409 TRE1E2
General Electric 94 Commercial St C H White 2-0131 TRE1E2P
Graybar Electric Center & Comm Sts H J Scully 3-1761 TRE1E2
Hub Cycle & Radio 81 Franklin St R S Crapo 2-4679 TRE1PS
Maine Electronic 13 Deer St L D Chipman Buyer 4-0301 PS*
Nelson & Small 68 Union St I E Small Buyer 4-1484 TRE1E2M
Radio Service Lab 45 A Free St Del O Pion 3-0297 PSTR

(Directory continued on next page)



BANGOR—Radio Service Laboratory 76 Exchange St PORTLAND—Maine Electronic Supply Co 13 Deer St Radio Service Laboratory 45A Free Street

9% out of 10 TV Fuses are

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BANGOR—Radio Service Laboratory 76 Exchange St PORTLAND—Frank M Brown Company 8-16 Free St Maine Electric Supply Corporation 13 Deer Street Radio Service Laboratory 45A Free Street

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Baltimore Gas Light 111 E Lombard St E W Cowman MU-7670 TREI Barclay Electronics 3323 Gwynn Falls Pkwy H Borenstein L1-8850 P Berman Co Henry O 10 E Lombard St H O Berman Pr LE-7002 PSTR Desser Distr Co 1601 W Mt Royal Ave LA-5515 TR

ICTOR

D & H Distributing 25 S Liberty David Schwab Pr SA-4506 TRPSM

Electrical Products 11 S Howard St R Goldman VP SA-1070 TRP General Electric 1500 Barclay St R L Snyder LE-3565 TRE1E2P Graybar Electric 100 South St B F Neal Jr Mgr TRE1E2 Kann-Ellert Electronics 9 S Howard St M Kann SA-4242 PS* Kaufmann Sons D Mount & Cole E L Kaufmann ED-3900 TRE1E2M Legum Distributing Co 108 Light St Edgar Legum LE-5500 TRP Lincoln Sales 1307 St Paul St Henry Altpeter SM VE-2450 TRE1 Lytron Distr Co 1338 W North Ave C R Pollard PST Mitchell Co J B 117 Market PI H M Ford Pr P1 6790 TRE1 Radio Electric 5 N Howard J J Bagliani LE-3835 PSTR* Seth & Co Stephen 876 Park Ave H J Berwanger SA-8100 TRE1 Shepherd Electric Co 13 E Lombard St C C Vogel Pr LE-0370 TR Simon Distributing Corp 128 W North Ave LE-2067 TRE1 Spartana Co A R 239 N Gay St PL-8954 PS Westinghouse Electric 2415 W Franklin J C Given LO-4400 TRE1E2 Wholesale Radio Parts 311 W Baltimore B Freeland MU-2134 PS* Zamoiski Co Jos M 110 S Paca St C J Zamoiski Pr LE-5630 TRE1E2M Zimmerman Wholesalers 301 Baltimore Ave PS

9% out of 10 TV Fuses are

Zimmerman Wholesalers 162 Bedford St M Fleming PS* HAGERSTOWN

Zimmerman Wholesalers 114 E Wash G.O. Zimmerman 408 PSTR*



SALISBURY

ArtCraft Elec Supply Calvert & Baptist N Cohen 6151 PSE1 Dealers Radio Supply 219 Highland Ave PS

SILVER SPRING

Rucker Radio Wholesalers See Washington D C (Directory continued in next column)



BALTIMORE—Henry O Berman Co Inc 10 E Lombard Kann-Ellert Electronics Inc 9 South Howard Street Lytron Distributing Company 1338 West North Ave Radio Electric Service Company 5 N Howard Street A R Spartana 239 North Gay Street CUMBERLAND—Zimmerman Wholesalers 162 Bedford HAGERSTOWN—Zimmerman Wholesalers 114 E Wash SALISBURY—Dealers Radio Service Co 219 Highland SILVER SPRINGS—Rucker Radio 8049 13th Street

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BALTIMORE—Barclay Elec 3328 Gwynn Falls Pkway Henry O Berman 10 East Lombard Street HAGERSTOWN—Zimmerman Whlsr 114 E Washington

MASSACHUSETTS

BOSTON

Adams Distr 70 Brookline Ave R B Knapp Jr CO 7-2940 TRE1E2
Admiral Corp 857 Commonwealth Ave E M Perkins AL 4-3700 TRE1
Allied Appliance 111 Berkeley St S D Lane HA 6-6400 TRE1EZM
Arvedon Electric 73 Portland St A Arvedon LA 3-6588 PSTRE2M
Burke Co J H 39 Brighton Ave J H Burke Pr AL 4-4050 TRE1P
DeMambro Ra 1111 Common Ave J DeMambro 7-2701 PSTRM*
Emerson Radio 790 Commonwealth Ave G B Conner CO 6-2512 TR
Equipment Distr 594 Newbury St A Zises Pr CO 6-5324 TRE1
General Electric 145 N Beacon G B Colesworthy AL 4-5300 TRE1E2P
Gerber Radio Supply 1900 Columbus Ave N Gerber GA 7-0411 PSTR*
Golumbo & Co JJ 119 Commonwealth Av J J Golumbo ST 2-8956 TRP
Graybar Electric 287 Columbus Ave E E Martin KE 6-4567 TRE1E2P
Harry & Young 42 Cornhill A Cramer Pr LA 3-2546 PSTR*
Herman Co Louis M 885 Boylston St L M Herman CO 7-5620 PS
Hub Distr 596 Commonwealth Ave M Beckwith KE 6-6900 TRE1E2
McAllister L J 243 Columbus Ave CO 7-2500 TR
Major Appliance 11 Deerfield St R G Paine Pr CO 6-2304 TRE1

(Directory continued on next page) (Directory continued on next page)

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Mass., N. Hamp., Vermont Distributors

MASS. GAS & ELEC. SUPPLY CO.

191-195 Friend St., Boston, Mass.

MASSACHUSETTS (Continued)

Mass Gas & Electric 191 Friend St CA 7-7149 TR
Mayer Co A W 893 Boylston St A W Mayer CO 7-5530 PSTR*
Maytag-Gray 1104 Commonwealth Ave H S Gray Pr LO 6-9600 TRE1
Merchants Distr 1312 Boylston Max Katz KE 6-4780 TRE2
Metro Distr 884 Commonwealth Ave M D Archer BE 2-6800 TRE1E2
Milhender Distr 619 Atlantic Ave M D Archer BE 2-6800 TRE1E2
Northeastern Distr 588 Comm Ave A Ullman Pr CO 7-2000 TRE1E2
Radio Shack 167 Washington St M Deutschman CA 7-8522 PSTR*
Radio Wire Television 110 Federal St Don Edward Mgr HU 2-7850 PS
Sager Electric 201 Congress St R A Sanderson L1 2-2281 RPE2
Taylor Distr 26 Brighton Ave P Taylor Pr AL 4-6860 TR
Wahn Distr 674 Commonwealth Ave H B Vaughan CO 7-5200 TRE1
Westinghouse Electric 95 Brookline C R Savage CO 7-3100 TRE1E2

BROCKTON

Ware Radio Supply 913 Centre St C G Ware Owner 4101 PSTR*

CAMBRIDGE

RCA VICTO

Eastern Co 620 Memorial Dr Alan Steinert Pr TR 6-4720 TRE1E2PM

Flectrical Supply 1739 Mass Ave L A Crosby Pr KI 7-6646 PST*

FALL RIVER

Ross & Co E A 73 Troy St E A Ross 3-7878 PSTR

HOLYOKE

Springfield Radio 93 High St 2-8302 PS

LAWRENCE

Hatry & Young 262 Lowell St N T Cookson 2-0603 PSTR*

LOWELL

McCartin Co F P 181 Market St F P McCartin Owner 9751 PSE2



LYNN

Des Roberts Elec 24-60 Mt Vernon H J Des Roberts LY 5-0015 PS

MELROSE

Melrose Sales 407 Franklin St L K Scott Owner ME 4-3821 PSR*

NATICK

Willett Radio Supply 11 Court St M W Willett PS*

NEW BEDFORD

Beckman Co C E P W Gifford Buyer 6-8201 PSTR* Ross & Co 1663 Puchase St See Fall River

NEWTON CORNER

Arvedon Elec Supply See Boston

9 out of 10 TV Fuses are



PITTSFIELD

Pittsfield Radio 41 West St J V Rumbelow 2-0901 PS*

SOUTH BOSTON

Milhender Distr 297 Dorchester Ave See Boston

SPRINGFIELD

Cardee Distr 65 Main St E S DeMeyer Pr 3-7801 TRE1E2
Cushing T F 349 Worthington St 6-1197 PS*
Del Padre Assoc LL 14 Wight PL 9-5658 PSM
General Electric 484 Worthington 4-8255 E E Fournier TRE1E2P
Graybar Electric 32 Patton St H O Edoff Mgr TRE1E2
Hatry & Young 169 Spring M Dressler Pr 6-3833 PSTR*
Interstate Distr 214 Birnie Ave 3-7827 J N Margolis Pr TRE1E2
Milhender Dist Inc See Boston
N E Service Center 851 State S M Boyd 7-3752 TRE2PS
Spinney Co R H 153 Plainfield O W Jenkins Buyer 4-8284 TRP
Springfield Radio 405 Dwight St L A Richmond Owner 2-3411 PSTR*
Springfield Sound 147 Dwight St R K Lyman SM 7-3425 PS*
Tarbell-Watters 144 Chestnut L H Tarbell Pr 6-1841 TRE1E2
Western Mass Distr 1 Belmont Ave H Fleischman 6-6374 TRPE1
Westinghouse Electric 46 Hampden J E Hall Br Mgr TRE1E2
Zimmerman Co M W 12 Park St M W Zimmerman TR





Manufacturers of Long Range TV and FM Antenna Systems

TAUNTON

Dean & Co David B 85 Cohannet St D B Dean Owner 4-4117 PSTRM

WORCESTER

Coghlin Electric 155 Summer St T G Leary TRE1E2
DeMambro Radio 729 Main St See Boston
Graybar Electric 108 Grove St H G Rappel Mgr TRE1E2
Radio Electric Service PS
Radio Electronic Sales 46 Chandler St J C Manoog 7-5671 PSTR*
Radio Electronic Sales 46 Chandler St J C Manoog 7-5671 PSTR*
Radio Maintenance 19 Central St A Joseph Buyer 6-8311 PSTR*
Westinghouse Electric 17 Mulberry St M J Stone Br Mgr TRE1E2 (Directory continued on next page)



BOSTON—DeMambro Rad Supl Co 1111 Commonwealth Hatry & Young of Mass Inc 42 Cornhill Street A W Mayer Company 893 Boylston Street Radio Shack 167 Washington Street Radio Wire & Television Inc 110 Federal Street BROCKTON—Ware Radio Supply Co 913 Centre Street CAMBRIDGE—The Eastern Co 620 Memorial Drive Electrical Supply Corp 1739 Massachusetts Avenue FALL RIVER—E A Ross & Company 73 Troy Street HOLYOKE—Springfield Radio Company 93 High Street LAWRENCE—Hatry & Young of Mass Inc 262 Lowell NEW BEDFORD—C E Beckman Co 11-35 Commercial E A Ross & Company 1663 Purchase Street PITTSFIELD—Pittsfield Radio Company 41 West St SPRINGFIELD—T F Cushing 349 Worthington Street Springfield Radio Company 405 Dwight Street Springfield Sound Company 405 Dwight Street Springfield Sound Company 405 Dwight Street TAUNTON—David B Dean & Company 85 Cohannet St WORCESTER—De Mambro Radio Supply Co 729 Main Radio Electronic Sales Company 46 Chandler Street Radio Maintenance Supply Company 19 Central St

AT YOUR SERVICE



Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

BOSTON—DeMambro Rad Supl Co 1111 Commonwealth
Hatry & Young of Massachusetts 42 Cornhill St
A M Mayer Company 895 Hoylston Street
HOLYOKE—Springfield Radio Company 93 High St
LAWRENCE—Hatry & Young of Lawrence 262 Lowell
LOWELL—Frank P McCartin Company 181 Market St
NEW BEDFORD—C E Beckman Co 10 Commercial St
SPRINGFIELD—Hatry & Young of Spgfd 169 Spring
Springfield Radio Company 405 Dwight Street
WORCESTER—DeMambro Radio Supl Co 222 Summer
Radio Electronic Sales Company 46 Chandler St

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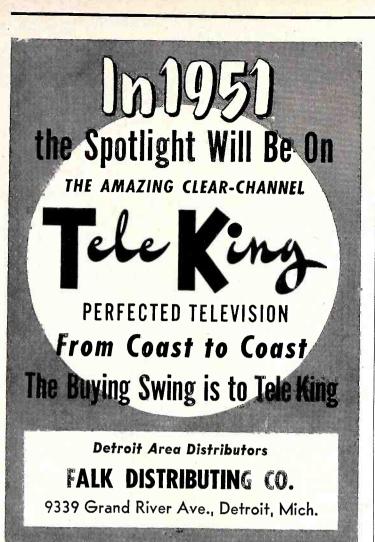
BOSTON—De Mambro Radio Supl 1111 Commonwealth
Hatry & Young 42 Cornhill Street
NEW BEDFORD—C E Beckman Co 11-35 Commercial
SPRINGFIELD—T F Cushing 349 Worthington Street
L L Del Padre 14 Wight Place
Hatry & Young 169 Spring Street
WORCESTER—De Mambro Radio Supply 729 Main St
Radio Electric Service
Radio Maintenance Supply 19 Central Street



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BATTLE CREEK

Electronic Supply 185 W Michigan A C Cain Buyer 8644 PS* BAY CITY

Kinde Distributing 504 Washington St PS

DETROIT

Appliance Wholesale 1749 Lafayette R. Schneider WO 5-2222 TRE1
Brennan Appl 5237 Grand River TY 5-1864 TRPE1E2
Buhl Sons Co Foot Adair St LO 7-4000 TRPM
Crandall Wholesale Co 2705 W Warren C C Crandall TY 7-4700 TR
Daybert Distr 2287 E Jefferson R Parkans LO 8-2110 TRE1E2
Domestic Wholesale 3962 Cass Ave D W Burke Jr TE 1-4120 TR
Duffy & Co M N 2040 Grand River Ave WO 3-2270 PSTR*
Electrical Spec 872 W Milwaukee R A Wallace TR 1-7070 TRE1E2
Erickson Electronic 21 Henry E E Erickson WO 1-2608 PSTR
Falk Distributing 9339 Grand River Ave TE 4-0625 TR
Ferguson Radio 622 W Baltimore C T Ferguson TR 4-0100 PS*
General Electric 680 Antoinette T C Diggles TR 5-9400 TRE1E2P
Gen'l Electronics Distr 8540 Grand River Max Falk PSTR
Graybar Electric 55 W Canfield E R Yonkers TE 1-5500 TRE1E2
KLA Labs 7422 Woodward S L Almas Pr TR 4-1100 PS*
Knight Distributing 6539 Linwood E Knight TY 6-0040 TRS
Merchants Wholesale Distr 8600 E 7 Mile Rd TW 2-6400 TR



Morley Bros 5943 Second Blvd G J Bentley GM WO 3-8621 TRPSM

Motorola-Detroit 4490 Cass E A Holsten VP FA 1-1200 TRE1
Pan-American Distr 3731 Woodward B Besman TE 3-1830 TRM
Peninsula Distr 3146 E Jefferson R M Whyte VP LO 7-7202 TRE1
Radio Distributing 100 Selden G N Tobias Pr TE 1-1224 TRE1E2M
Radio Electronic 1112 W Warren Ted Rissi TE 2-5611 PSTR*
Radio Specialties 456 Charlotte St C G Poosch TE 2-0800 PSM*
Radio Supply & Eng 85 Selden Ave P R Hinton PR TE 1-3171 PSTR



RCA Victor Distr 7400 Intervale N A Corbett TE 4-3500 TRPSM

Reno Radio Co 1341 Broadway E Spilker WO 2-6851 PS Republic Supply 424 W Jefferson WO 1-9450 TRE2 Specialties Distr 525 E Jefferson L F Turnbull WO 2-6111 TRE1 State Distributing 1627 W Fort St WO 5-6890 TR Westinghouse Electric 547 Harper H I McConnell TR 5-8450 TRE1E2 West Side Radio Supply 6724 Michigan Ave TA 5-2184 PS

Delta Hardware 400 Ludington S Lundberg 200 TRE1E2 Earle Appliance Distr 814 First Ave N F A Earle 2946 TRE1E2 Felton Radio 1608 Ludington O F Felton Owner 2855 PSTR Graybar Electric 2424 Kansas Ave E C Bryden Mgr TRE1E2

FLINT

Lifsey Distributing 730 N Saginaw A B Lifsey PS*
Michigan Distributing 710 E 5 St TR
Radio Tube Merchandising 508 Clifford C E Philpott 4-3654 PSTR*
Shand Radio Specialties 203 W Kearsley E H Shand 2-9714 PSTR*
Silkworth Distr 1659 N Saginaw W W Silkworth Pr 9-8633 TRE1E2
Westinghouse Elec 2330 N Dort Hwy W L Howlett 4-8623 TRE1E2

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GRAND RAPIDS

Bursma Radio Supply 72 Grandville M C Bursma GL 4-6159 PS B & W Distr 212 Grandville Ave SW F J Broucek 9-4452 TR Dygert Distributing Ionia & Fulton Sts TR General Electric 41 Market Ave SW W J Richter 9-3244 TRE1E2P Graybar Electric 432 Monroe Ave NW H G Cook Mgr TRE1E2 Independent Distr 12 Campau NW F C Sparks Pr 9-8243 TRE1 Kent Wholesale Distr 209 Division Ave S H Fik 6-8322 TR



Morley Bros 25 Ottawa Ave SW C W Puehl GM GL 6-5391 TRPSM

(Directory continued on next page)

OMISSIONS

Listings have been omitted in all cases where, after three requests, a company has failed to return our directory questionnaire or otherwise verify its activity.

MICHIGAN (Continued)

GRAND RAPIDS (Continued)

Radio Distributing 7 Ionia St J W Miltgen 8-1453 TRE1
Radio Electronic Supply 505 Jefferson E J Rissi 9-4611 PSTR*
Radio Equip Co 134 Grandville SW C M Gillis GL 6-9551 TRE1E2
Radio Parts 720 Division Ave S R J Post 5-5420 PS
Republic Distributing Co 19 LaGrave H W Merrill 9-4214 TRE1E2M
State Distr 31 Ionia Ave NW T J Peters Pr GL 6-1755 TR
Westinghouse Electric 511 Monroe J W Carson 9-4664 TRE1E2
White Distr J A 211 Ottawa Ave NW J A White Owner TRE1
Wholesale Radio 317 S Division P E Kilmer GL 6-1432 PS
Wolverine Appl Distr 920 Monroe NE C W Strawn Pr 9-8361 TRE1



For your local distributor write or wire FADA Belleville, New Jersey

HIGHLAND PARK

Hi-Park Distributors 155 LaBelle Ave W J Stock TO 8-9409 PS

JACKSON

Electric Wholesale Supply 2503 E Michigan TR Fulton Radio Supply 707 Blackstone-St GM Fulton 7687 PS*

KALAMAZOO

Electronic Supply Corp 906 E Mich Ave See Battle Creek General Electric 112 Parkway S K Young Mgr 3-2645 TRE1E2P Mich TV Distributors 703 W North St W W Putney 5-2935 TR Ralston Co Ralph M 201 N Park St R M Ralston 5-0188 PS Stevens Radio Parts 713 Portage D Stevens 2-5720 PSTR*

LANSING

SING
Electric Products Sales 427 E Michigan F C Reason 24-123 PSTR*
General Electric 428 N Grand F S Goodell 2-0677 TRE1E2P
Graybar Electric 125 E Shiawassee J D Ackers Mgr TRE1E2
Major Appliance 728 E. Shiawassee J G Chapman TR
Motorola-Detroit 1611 Kalamazoo E J C Potter TR
Offenhauer Co 227 W Washtenaw St N L Offenhauer 2-9896 PSTR*
Schaberg-Dietrich Hdw 430 N Larch St TR
Van Dervoort Hdw 126 E Michigan ER Van Dervoort 5-9415 TRE2
Wedemeyer Electronic 2005 E Mich Ave PS*

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Gardner Radio Supply 332 River St W Gardner 1260 W2 PS

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Orem Distributing 801 E Genesee Ave D W Orem Jr PS Radio Parts Water & Millard Sts R D Edwards 2-9192 PS Saginaw York Ref 1751 E Genesee Ave L W Beaver Pr 3-5444TRE1

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Bonn Co Lew See Minneapolis
General Electric Co 102 W Mich F A Greffin ME 827 RE1E2P
Graybar Electric 320 W 1 St P D Barber Mgr TRE1E2
Graybar Electric 320 W 1 St P D Barber Mgr TRE1E2
Great Lakes Auto 302 E Superior E Johnson Pr 2-0841 TRE1E2
Kelley-How-Thomson 309 S 5 Ave W A G Thomson Pr ME 5881 TR
Marshall-Wells S Lake Ave H W Johnson 2-3981 TRE1E2
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Bonn Lew Co 1211 LaSalle Lew Bonn MA 8281 PSTRE2*
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Century Distr 318 N 3 W C Allen Owner F12768 TRE1
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Elcon Products 413 S 4 St G F Nye Pr LI 7041 TRE1E2
Electronic Center 107 3 Ave N D H Watschke TR LI 8678 PS
Foster Distr 1122 Harmon PL G W Forster VP LI 5667 TRE1
Gamble-Skogmo 15 N 8 St MA 0281 PS
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Graybar Electric 824 S 4 St C H McClean Dist Mgr GE 1621 TRE1E2

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Popkey 206 E First St
Radio Electric Supply 2451 Nicollet M R Iversen GE 7733 PSTR
(Directory continued on next page)

MINNESOTA (Continued)

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Reinhard Bros 11 \$ 9 \$t K J Davis Buyer GE 2681 TRE1M
Roycraft Co 1625 Hennepin R B Cohen Pr AT 2394 TRE1E2SM
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Spencer Inc Geo 444 Stinson Blvd S U Ferbend ST 8621 TRE1
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Farwell-Ozmun-Kirk Jackson/Kellogg Blvd GA 7651 TRE1E2
General Electric Supply 174 E 6 St P J Fisher GA 7351 TRE1E2P
Graybar Electric 464 Robert St L E Luckman Mgr CE 7491 TRE1E2
Hall Electric 386 Minnesota T O Hall CE 5549 PS*
Motor Power Equip 2446 University NE 4544 TRE1E2
Murphy Distr 2232 University H D Gibson Buyer NE 6527 TRE1E2
Northwest Radio Supply 352 N Exchange GA 3801 PS
Speedometer Service & Acc Co 251 W Kellogg Blvd CE 6393 TR
Stark Radio Supply 246 W Kellogg Blvd CE 1994 PSTR*
Westinghouse Electric 253 E 4 St J L Fitch Br Mgr GA 7441 TRE1E2

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Ellington Radio 816 S Gallatin PS
General Electric 610 Gesco PI V J Balling Mgr 2-3618 RE1E2P
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Industrial Supplies Highway 80 W PS
Mills-Morris Co See Memphis Tenn
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Ryan Supply 212 S State St Thad Ryan SM R
Southern Distributors 1400 Terry Rd J K Raffety Pr 2-3456 PS
Swan Distributing 717 W Monument St L A Swan Jr Pr 5-8487 PS
Westinghouse Electric Supply 325 S Farish E O'Steen Br Mgr RE1E2

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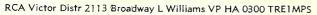
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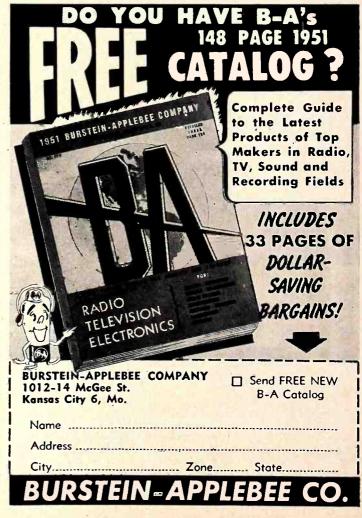
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Northwestern Auto 420 N Bdwy CO Campbell PR 3146 RE1E2PSM

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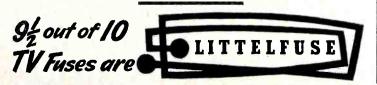
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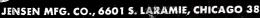


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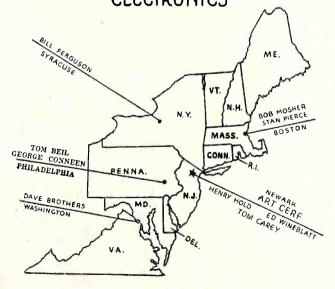
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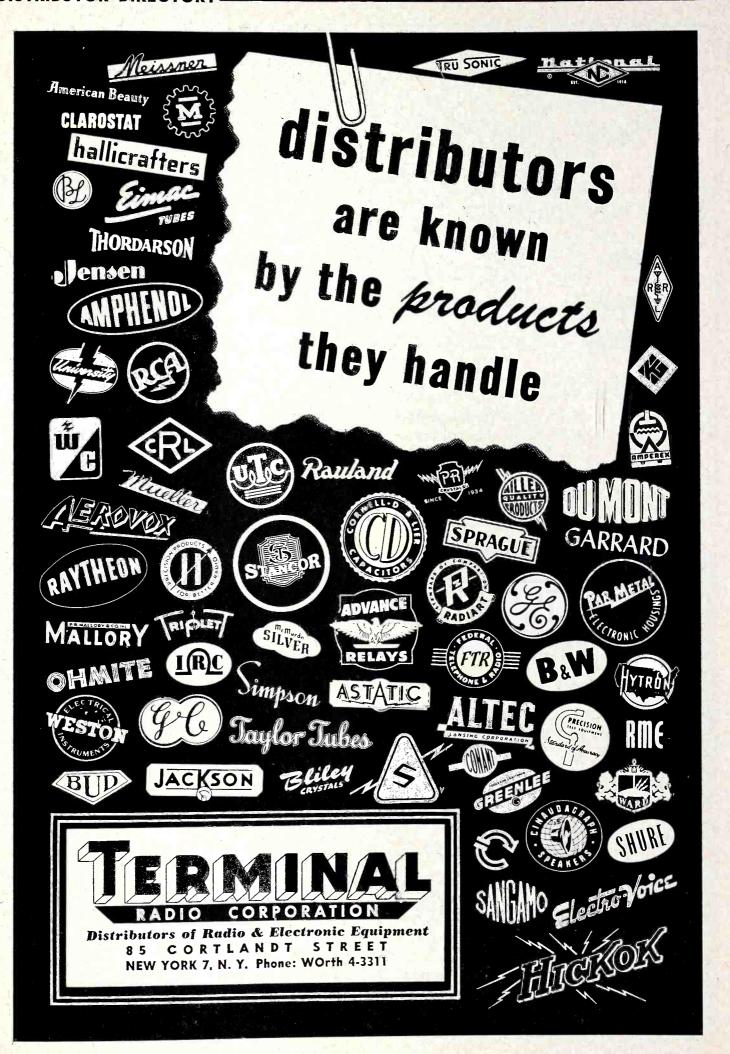
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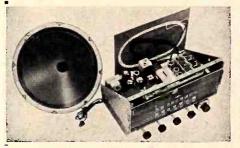
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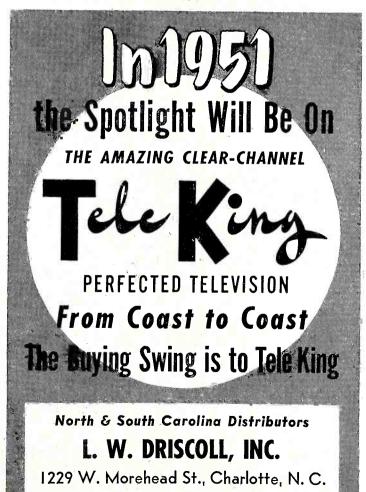
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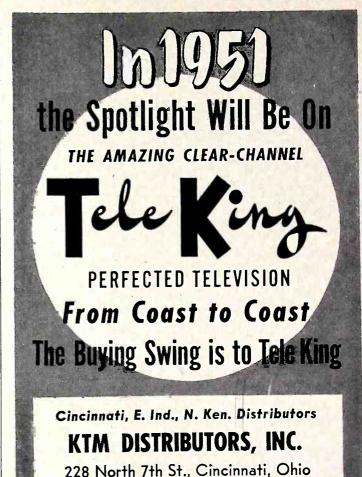
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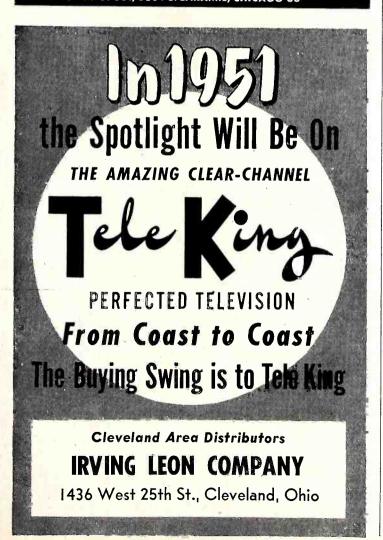
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. CLEVELAND 4, OHIO 3332 EAST 55TH STREET

Toledo Appl 1924 Linwood Ave R G Cohn MA 1287 TRE1E2
Toledo Merchandise 31 S Superior Don Rolli Pr MA 5168 TRE1E2
Toledo Radio Spec 1215 Jackson H C Hawley AD 5828 PSTR*
Walding-Kinnan-Marvin 332 Summit A R Waite Pr MA 7155 TRE1
Warren Radio 1320 Madison Owen Smith Owner PS*
Westinghouse Electric 1225 Ind St W M Kline TRE1E2
Wold Radio & Appl 1014 Madison M N Isaacson GA 5216 TRE1E2

WARREN

Radio Specialties 136 Pine S E Mrs Anna Jantson 2-5780 PSTR*

YOUNGSTOWN

Appliance Wholesalers 807 Market St TH Calpin 4-5297 TRE1E2M Cavanaugh Co 928 W Rayen Ave TR Dorrance Supply 225 N Champion R G Dorrance PR 4-7211 TRE1 General Electric 265 W Rayen Ave C J Woodward 4-1111 TRE1E2P Graybar Electric 602 W Rayen Ave W C Robinson TRE1E2

RCA VICTOR

Hamburg Bros 360 E Federal St Carl Hamburg 3-2101 TRMPS

Hood Electric 128 W Rayen Ave F W Wauschek 4-0255 TR Moock Elec Supply 242 W Wood St W J Cook TRE1E2 Radio Parts 309 W Commerce S Spolane 3-2181 PSTR Ross Radio 325 W Federal James Ross 3-3783 PSTR* Wilkins-Leonard Hdw 27 E Federal TR

ZANESVILLE

Thompson Radio Supplies 135 S 6 St C D Thompson PS (Directory continued on next page)

Standard COIL PRODUCTS CO., INC.

"THE STANDARD TUNER"—"THE STANDARD BOOSTER" SEE STANDARD COIL JOBBERS

AKRON—Olson Radio Warehouse 73 East Mill Street CANTON—Burroughs Radio Co 711 Second St NW Fall Radio Supply 2424 Tuscarawas Street West CINCINNATI—Holub & Hogg 1400 Sycamore Street CLEVELAND—Arnold Whise Corp 5209 Detroit Ave Olson Radio Warehouse 2020 Euclid Avenue Pioneer Radio Supply 2115 Prospect Avenue Progress Radio Supply Company 413 Huron Road Gordon W Taylor 2157 Fairhill Road COLUMBUS—Electronic Supply Corp 134 E Long Street Hughes-Peters 111 East Long Street Thompson Radio Supplies 182 East Long Street DAYTON—Srepco Incorporated 135 East Second Street Stotts-Friedman Company 620 South Main Street LIMA—Warren Radio Company 222 S Elizabeth Street MASSILON—M H Martin Co 50 Charles Avenue SE SPRINGFIELD—Eberle's Radio Supply 522 W Main St Srepco Incorporated 119 West Main Street TOLEDO—Benarr Distributors 1034 Grand Avenue Lifetime Sound Equipment Co 911 Jefferson Street Warren Radio Company 1320 Madison Street ZANESVILLE—Thompson Radio Supplies 135 S 6th St

AT YOUR SERVICE



Radio Tubes TV Picture Tubes **Electronic Products Test Equipment** Transmitting Tubes

AKRON—Warren Radio Company 479 South Main St
ASHTABULA—Morrison's Radio Supply 331 Center St
CANTON—Armstrong Radio Supply 216 2nd Street S E
Burroughs Radio Company 711 Second Street N W
Sommer Electric Company 1818 Third Street
CHILLICOTHE—Chillicothe Hardware & Supl 21 E 2nd
CINCINNATI—United Radio Inc 1314 Vine Street
CLEVELAND—Goldhammer Inc 2239 East 14th Street
Pioneer Radio Supply Company 2115 Prospect Ave
Radio & Electronic Parts Corp 3235 Prospect Ave
Winteradio Inc 1468 W 25 Street
COLUMBUS—Electronic Supply Corp 134 E Long St
Thompson Radio Supplies 218 East Gay Street
DAYTON—Srepco Inc 135 East Second Street
LIMA—Warren Radio Company 222 S Elizabeth Street
MANSFIELD—Burroughs Radio Co 218 E Second Street
MARION—Bell Radio Supply 527 North Main Street
MARION—Bell Radio Company 1320 Madison Ave
YOUNGSTOWN—Ross Radio Co 325 W Federal St
ZANESVILLE—Thompson Radio Supplies S Sixth St

OMISSIONS

Listings have been omitted in all cases where, after three requests, a company has failed to return our directory questionnaire or otherwise verify its activity.

OKLAHOMA

MUSKOGFF

Muskogee Electronic 231 Court S J Lemons Owner 2834 PS* OKLAHOMA · CITY

Appliance Distr 2 N W 11 St G A Hales Owner 79-0528 TRE1 Capitol Distr 1017 W Reno C,E Rogers Buyer 7-7672 TRE1E2

VICTOR

Dulaney's 825 N W 2 St L T Dulanev 3-9461 TRPSME1

Electronic Supply 212 N W 10 St PS
Foster Co M L 118 E Grand St TR
General Electric 127 E Calif St A F Clark 3-5475 TRE1E2P
Lynch & Co S H 900 N Western Ave Wayne Copeland TR
McDermott Inc Tom P 101 E Grand St G M Nelson Mgr 7-8982 TR
Maxwell Pr TRM
Mee Co Wm 120 E Grand Ave Wm Mee Jr Owner 7-6611 TRE1
Miller-Jackson 111 E Calif Ave TRE1E2PSM*
Modern Building 1701 N W 5 St L E Cox 2-6422 TR
Modern Distr 29 E Grand R J Wissinger 79-1523 TR
Radio Supply 724 N Hudson J E Barnett Owner 3-3409 PS*
Southwest Radio 3 NE 8 St J P Stewart Jr 7-8535 TRE1E2M
Titus Wholesale 16 W Calif St W E Titus TR
Westinghouse Electric 850 NW 2 St R B Millerborg TRE1E2
Wolfe Distr 710 NW 2 St T G Wolfe Owner 7-4542 PSME1E2TR



For your local distributor write or wire FADA Belleville, New Jersey

TULSA

Electronic Supplies 219 E 1 St J M Schuman Owner 4-6129 PS General Electric 14 N Guthrie St F G Ross Mgr 3-6121 TRE1E2P Graybar Electric 2406 E 12 St F L Cummings Mgr TRE1E2 Industrial Electronics See Dallas Texas Looboyle Inc 300 Court Arcade Bldg G M Loucks 4-9141 TR McDermott Inc Tom P 1400 S Boston T P McDermott 3-9188 TRE1 Nelson Electric 526 N Main St Willis Cihak PA 5-1241 RE2 Oklahoma Tire & Supply 8 N Cheyenne St TRE1 Patterson Radio 211 E 13 I V Patterson Owner 5-3179 PSTR* Radio Inc 1000 S Main E R Durham PS* Ridleys Inc 214 E 10 St R P Ridley Pr 54-5158 PS S & S Radio 721 S Detroit V J Goss Partner 54-5264 PSTR* Westinghouse Electric 307 E Brady St H F Lindstrom TRE1E2 (Directory continued in next column) (Directory continued in next column)

9/2 out of 10 d TV Fuses are



DISTRIBUTORS AT YOUR SERVICE



Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

KLAHOMA CITY—Radio Supl Corp 724 North Hudson PULSA—Industrial Elec Supply 1124 E Fourth St Radio Incorporated 1000 South Main Street

Oklahoma it's FOR RESISTORS & VOLUME **CONTROLS** YOUR DISTRIBUTORS ARE

MUSKOGEE—Muskogee Elec Supply Co 231 Court St OKLAHOMA CITY—Electronic Supl Co 212 NW 10th St Miller-Jackson Company Inc 111 East Calif Ave Radio Supply Inc 724 North Hudson Street TULSA—Patterson Radio Supply Co 211 East 13th St Radio Inc 1000 South Main Street S & S Radio Supply 721 South Detroit Street

Standard COIL PRODUCTS CO., INC.

"THE STANDARD TUNER"—"THE STANDARD BOOSTER" SEE STANDARD COIL JOBBERS





. 30

OREGON

EUGENE

Carlson Hatton & Hay 94 E 10 St F C Carlson 4-2401 PSRE1E2* Eoff Electric 556 Charnelton St SA 3-9251 TRE1E2PS Gilbert Bros 424 Charnelton St See Portland Graybar Electric 2180 6 Ave W H O Colburn Mgr E1E2 United Radio Supply See Portland

KLAMATH FALLS

R F Supply 2367 S 6 St R P Lungreen Owner 6572 PSR

MEDFORD

Walker Co Verl G PO Box 1586 V G Walker Owner 2-4558 PSM*

PORTLAND

Appliance Wholesalers 600 NW 14 R G Masters AT 6584 RE1PSM Central Distr 1131 SW Washington St H M Barthel BR 2544 TRPS Connelly Co F B NW 12 Ave F C Porter VP CA 1755 RE1E2 Electrical Distr 140 NW 14 Ave K G Cooke BR 1227 TRE1 Eoff Electric 509 NW 10 St Asel Eoff AT 9651 TR General Electric 300 NW 14 St W T Durkin BR 0651 RE1E2P Gilbert Bros 826 SW 2 Ave M Holtzman BR 5641 RE2 Graybar Electric Park & Flanders Sts J Reine Mgr E1E2

ICTOR

Harper-Meggee 1506 NW Irving J E Gollihur GM CA 4231 TRPSM*

Home Makers Supply 824 SW 18 Ave TR
Johnson Co Lou 422 NW 8 Ave L M Johnson BR 6411 PSTRE1E2
Marshall-Wells 1420 NW Lovejoy Harry Hatfield SM TRE1E2
Northwest Radio 717 SW Ankeny St Isaac Bloom AT 1021 PSTR
Pacific Stationery 414 SW 2 Ave L Hunter PR CA 4221 TRPS
Pacific Telecoin 2313 NW Lovejoy See San Francisco Calif
Portland Radio 1300 W Burnside St G B Paine PS*
Stubbs Electric 33 NW Park O B Stubbs Owner BR 5404 RPSE1E2*
Tracey & Co 937 N W Gilson H V Childs PSRM*
United Radio 22 NW 9 C J Douglass Buyer BE 6323 PSTR*
Westinghouse Electric 815 NW 12 Ave R H Sroufe Br Mgr TRE1E2



HENDERSON, KY.

Manufacturers of Long Range TV and FM Antenna Systems

SALEM -

Eoff Electric 156 N Front SF Ellis Von Eschen 3-9251 TR Gilbert Bros 355 N High St See Portland Morrow Radio 1051 S Commercial St R E Morrow 3-5955 PSTRM United Radio Supply 976 S Commercial See Portland (Directory continued on next page)



EUGENE—Carlson Hatton & Hay Inc 94 East 10th St
United Radio Supply Inc 117 West Eighth Street
KLAMATH FALLS—R F Supply Co 2367 South 6th St
MEDFORD—Verl G Walker P O Box 1586
PORTLAND—Appliance Wholesalers 600 N W 14th St
Central Distributors 1131 SW Washington Street
Harper-Meggee Inc 1506 NW Irving Street
Lou Johnson Company 422 N W Eighth Avenue
Northwest Radio Supply 717 S W Ankeny Street
Pacific Stationery Wholesale Radio 414 S W 2nd Ave
Portland Radio Supl (2 stores) 1300 S W Burnside
Stubbs Electric Company 33 N W Park Street
Traccy & Co Inc 937 N W Gilson Street
United Radio Supply Inc 22 N W Ninth Avenue

DISTRIBUTORS AT YOUR SERVICE



Radio Tubes TV Picture Tubes Electronic Products Test Equipment Transmitting Tubes Panel Lamps

EUGENE—Carlson Hatton & Hay Inc 96 East Tenth Av KLAMATH FALLS—R F Supply 2319 South 6th Street MEDFORD—Verl G Walker Co 205 West Jackson PORTLAND—Central Distrs 1135 S W Washington St Northwest Radio Supl Co Inc 717 S W Ankeny St Stubbs Electric Company 33 N W Park Avenue

Standard COIL PRODUCTS CO., INC.

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V 38 2 8 1

PENNSYLVANIA

ALLENTOWN

Bell Chas L Co 14 & Gordon Sts C L Bell 3-5101 TRE1E2
Clark Dist Co 106 Hamilton St R Clark 4-9308 TRE1E2
Federated Purchaser Inc 1115 Hamilton J Berliant 3-7441 PSR
General Elec Supply 1249 Liberty St H J Keegan 3-5206 TRE1E2P
Graybar Electric Co 1941 Hamilton St W L Hall TRE1E2
Luckenbach & Johnson Tilghman & St Charles 4-6235 TRE1E2P
Philadelphia Wholesale Penn & Green Sts J O Weiss 9624 TR
Radio Electric Service Co 1042 Hamilton St PS
Westinghouse Electric Supply Co 745 Union Blvd R E Richards TRE1E2

ALTOONA

Dibert Radio Inc 1713 Union Ave F E Dibert 2-8830 TR
Electric Appliance Dist 906 Green Ave TR
Hollenback's Radio Supply 2221 8 Ave W L Hollenback 6171 PSTR*
Kennedy's Radio Supply 1500 7 Ave 3-6768 PSTR
Radio & Motors Service 800 Chestnut Ave G L Good 7178 TRE1E2P

BEAVER FALLS

Reliable Motor Parts 1700 7 Ave H Ganelin 867 TRE2P

BELLEFONTE

Jack Wilkinson P

BETHLEHEM

Buss Radio Electric Supply 61 E Broad St R S Buss 7-3151 PS*

BUILER

Barrons Radio Supplies 116 E Jefferson St A B Barron 5930 PTRE2

FASTON

Federated Purchasers 701 Northampton St PS Radio Electric Service Co 918 Northampton St 2-1551 PSTR

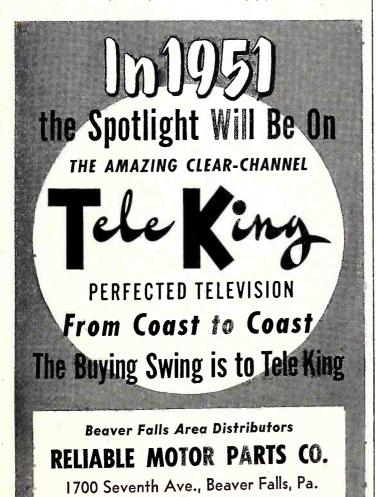
FRIF

Duncombe J V Co 1011 W 8 St J V Duncombe 23-546 PSTR*
General Electric Supply 824 E 9 St T E Kuryla 2-6488 TRE1E2P
Jordan Electronic Co 1130 German St R W Jordan 2-2462 PST*
Pennsylvania Sales 1569 W 38 St W P Webster PR TR
Warren Radio 12 © State M H Levin 2-4333 TRPS*
Westinghouse Electric Supply 1820 State St D R Poher TRE1E2
Young Bros Electronics 1909 Peach St E T Young 2-2379 PRE1E2

GREENSBURG

General Electronic Distr P

(Directory continued on next page)



S.S. FRETZ, JR., INC.

Exclusive Wholesale Distributors

INTERNATIONAL HARVESTER
Home Refrigerators and
Home and Farm Freezers

LECTRO-HOST Electric Ranges and Water Heaters

CHRYSLER AIRTEMP Heating and Air Conditioning

STEWART WARNER Radio and Television Sets

COOLAIR BREEZE Conditioning
Systems

ODIN Gas Ranges

CLEVELANDER Gas Ranges

QUICK HEAT Gas and Oil Space Heaters and Cook Stoves

OAKLAND Coal and Gas Space Heaters

ELGIN Kitchens

MONITOR AERATOR Washers

HOBART-KITCHENAID Automatic
Electric Home Dishwashers

BLACKSTONE Automatic and Wringer Washers, Dryers and Ironers



S.S. FRETZ, JR., INC.

870 North 28th Street Philadelphia 30, Pa.

STevenson 7-3400

STUART F. LOUCHHEIM CO.

1229 North Broad Street, Philadelphia 22, Penna.

EXCLUSIVE DISTRIBUTOR

COLUMBIA Records

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MIMAR Comfort Control Products

HAMILTON Gas & Electric Clothes Dryers

GENERAL ELECTRIC Traffic Appliances and Vacuum Cleaners

SERVEL Gas Refrigerators & Gas Water Heaters



ALLENTOWN—Federated Purchaser 1115 Hamilton St
Radio Electric Service Company 1042 Hamilton St
ALTOONA—Hollenback's Radio Service 2221 8th Ave
BEAVER FALLS—Reliable Motor Parts 1700 7th Ave
BEAVER FALLS—Reliable Motor Parts 1700 7th Ave
BELLEFONTE—Jack Wilkinson
BUTLER—Barron Radio Supply 116 East Jefferson
EASTON—Federated Purchaser Inc 701 Northampton
Radio Electric Service Company 918 Northampton
ERIE—JV Duncombe Company 1011 West Eighth St
Jordan Electronic Company 1011 West Eighth St
Jordan Electronic Company 1015 German Street
GREENSBURG—General Electronic Distributors
HARRISBURG—General Electronic Distributors
HARRISBURG—General Electronic Obstributors
HARRISBURG—General Equipment Co 17 Johns Street
LANCASTER—George D Barbey Co 29 East Vine St
Eshelman Supply Company 110 North Water Street
LEBANON—George D Barbey Co 29 East Vine St
Eshelman Supply Company 110 North Water Street
LEBANON—George D Barbey Co 29 East Vine St
NEW KENSINGTON—Bearer Elec Supply 1017 5th Ave
NORRISTOWN—Kratz Brothers Kohn & Oak Streets
PHILADELPHIA—Almo Rad Co (2 stores) 412 N 6th St
Consolidated Radio Corporation 612 Arch Street
Herbach and Rademan 522 Market Street
M & H Sporting Goods Company 512 Market Street
Raymond Rosen & Company 32nd & Walnut Sts
Albert Steinberg & Co 2520 North Broad Street
Eugene G Wile 218 South Eleventh Street
PITTSBURGH—Cameradio Company 963 Liberty Ave
M V Mansfield Company 937 Liberty Avenue
John Marshall Company 201 Anderson Street NS
Tydings Company 632 Grant Street
POTTSTOWN—George D Barbey Co 2nd & Penn Streets
ST MARY'S—B & R Electric Company 26 Railroad St
SCRANTON—George D Barbey Co 2nd & Penn Streets
ST MARY'S—B & R Electric Company 1344 E State St
UNIONTOWN—Zimmerman Wholesalers 39 E Fayette
WILLIAMSPORT—Lowry Electric Co 643 Elmira St
Williamsport Radio Supply 518 West Third Street
WILLIAMSPORT—Lowry Electric Co 643 Elmira St
Williamsport Radio Supply 518 West Third Street

PENNSYLVANIA (Continued)

HARRISBURG

Blessing Co John A 48 N Cameron St L H McGuire 4-7047 TRE1E2 Brawley Distr Broad & Penn Sts 3-3963 T Excelsior Radio Co 17 & Derry Sts Harry L Myers 5-8261 TRE1E2

ICTOR

D & H Distr 311 S Cameron St H Spector 5-7327 TRMPSE1E2

Graybar Electric 1039 S 13 St W H Naudascher Mgr TRE1E2 Knerr Chas G 317 S Cameron St 5-7151 TRE1E2 Lehigh Valley Distributors See Hazelton Ott Distributors 38 & Derry Sts TR Peirce-Phelps 25 S 10 St Ralph Douglas TRE1 Radio Distributing 140 S 2 St R M Peffer 4-0139 PSTR*

HAZELTON

Cerullo Elec Supply 39 \$ Vine St O E Gicking 1296 TRE1E2
Lehigh Valley Distr Broad & Lincoln O J Mannen 6110 TRE1E2
Moyer Electronic Supply 758 N Locust St W C Boyer 5961 PSTR

JOHNSTOWN

Baker Radio Electric 111 Johns St H B Baker PS*
Cambria Equipment 17 Johns St A J Reid 6-1291 TRE1E2PS*
Dick's Automotive 633 Napoleon St J C Vibostok 71-263 TRMP
General Electric Supply 80 Hickory St R R Mathias 2-1225 TRE1E2P
Westinghouse Electric 75 Hickory St L I Haller 8-1293 TRE1E2P

KITTANNING

Dyke Automotive Stores See New Kensington

CASTER

Barbey Co George D 29 E Vine St C G Wetzel PSTR

Eshelman Supply Co 110 N Water St M E Wolf 8183 PS

Raub Supply Co James & Concord Sts C E Whitman TRE1E2

York Radio & Refrig Parts 519 W King St See York

LEBANON

Barbey Co George D 821 Quentin Rd PSTR

Carried by Good Distributors Everywhere VIKING ensen Loudspeakers JENSEN MFG. CO., 6601 S. LARAMIE, CHICAGO 38

McKEESPORT

Barno Radio Co 927 Walnut St G J Barno 2-2533 PSTR

La Mark Corp 218 E Washington St L Perelman 2417 TRE2 Midwestern Electric Supply 241 W Grant St J R Colaluca 4682 PSTR

NEW KENSINGTON

Bearer Electric Supply 1017 5 Ave J K Bearer 76 PSTRE2 Dyke Automotive Stores 2011 9th St R G Walker 1331 TR

NORRISTOWN

Kratz Brothers Kohn & Oak Sts PS

NORRISIOWN
Kratz Brothers Kohn & Oak Sts PS

PHILADELPHIA

A C Radio Supply 1539 W Passyunk J R Branca HO 2-9379 PSTR*
Adams Frank 155 N 13 St RI 6-9757 PS
A G Radio Parts 3552 N 17 St A Gumula SA 2-0505 PS*
Allied Elec Appl Parts 3640 Elder F L Zuschlag BA 9-8800 PS*
Almo Radio Co 412 N 6 St M Green WA 2-5153 PSTR*
Barnett Bros 117 N 7 St J R Barnett LO 3-3947 PSTR*
Burns Inc Judson C 31st & Oxford R P Burns ST 4-5600 TRE1
Cass Philip Co 40 N 5 St E G Heller LO 3-9100 TRE1E2
Consolidated Radio 612 Arch St G F Hall LO 3-7871 PSTR*
Elliott-Lewis 16 & Hamilton T H Lewis Jr LO 4-2000 TRE1E2
Emerson of PA 223 N Broad A I Witz LO 4-3350 TR*
Franklin Electric 529 Arch W T Walker Jr LO 3-7842 TRE1E2
Fretz Jr SS 870 N 28 St W. J. Heggie ST 7-3400 TRE1E2
Fruchter Adolph & Sons 48 N 2 St L Fruchter LO 3-4271 TE1E2
General Electric 429 N 7 St J S Burdsall MA 7-5700 TRE1E2P
Graybar Electric 910 Cherry St J A Mayer WA 2-5405 TRE1E2
Herbach & Rademan 522 Market N O Rademan MA 7-0575 PS*
Home Products Sales 2530 N Broad S Blumberg BA 3-7500 TR
Lazar Radio Nat 4231 Lancaster N Lazar BA 2-5604 PSTR*
Louchheim Co Stuart F 1229 N Broad H A Doull ST 2-2100 TRE1E2M
M & H Sporting Goods 512 Market M M Oberst LO 3-2587 PST*
Motorola-Philadelphia 120 S 30th E L Pincus EV 2-4900 TRPE1
Neuber Herbert K 1207 Race St H K Neuber SP 4-2125 PSTR
Olson & Co 2514 N B road V E Olson BA 3-8100 T
Peirce-Phelps 437 N 5 St J T Peirce MA 7-7000 TRE1E2
Penn Electronic Parts 5303 Frankford A S Dinenno JE 5-1533 PS*
Philadelphia Distr 232 N 11 H A Ellis WA 2-1148 TRE1
Philadelphia Distr 232 N 11 H A Ellis WA 2-1148 TRE1
Philadelphia Distr 232 N 11 H A Ellis WA 2-1148 TRE1
Philadelphia Distr 232 N 11 H A Ellis WA 2-1148 TRE1
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Philadelphia Distr 232 N 11 A Ellis WA 2-1148 TRE1
Philadelphia Distr 2

RCA VICTO

Rosen & Co Raymond 32 & Walnut Sts R Rosen EV 2-5000 TRPME1 E2*

Steinberg & Co 2520 N Broad A D Steinberg BA 3-9400 PSTR*
Trilling & Montague 2401 Walnut H Montague LO 4-3300 TRE1
Westinghouse Electric 141 N 11 St L M Cronson WA 2-8950 TRE1E2
Wile Eugene G 218 S 11 St R H Wile KI 5-8370 PSTR*

PENNSYLVANIA (Continued)

PITTSBURGH

Allied Electric Supply 1201 Forbes B Samuels EX 1-0200 TRE1E2
American Hardware Supply 41 Terminal Way TRE1E2
Anchor Distr 955 Liberty H W Goldstein GR 1-7700 TRE1E2S
Biggard & Co 307 Clark Bldg TR
Cameradio Co 963 Liberty Ave S Zionts PS*
Danforth Co 6500 Hamilton Ave 1 W Danforth EM 1-2700 TRE1E2M
Doubeday-Hill Elec Co 110 7 St TRE1E2
Dyke Motor Supply 800 Webster Ave TR
Electric Products 5929 Baum Blvd F Hoyt MO 1-7200 TR
General Electric 32 Blvd of Allies AT 1-3975 TRE1E2P
Graybar Electric 900 Ridge Ave D Wallace AL 1-4100 TRE1E2
Gunther Co H U 1013 Penn Ave TR

RCA VICTOR

Hamburg Bros 305 Penn Ave E A Hamburg GR 1-1925 TRMPE1E2

Keps Electric 638 Grant St E J Kelsky GR 1-7126 TRE1E2
Kim Electric 111 Smithfield St M Kimball GR 1-5217 TRE2
Ludwig Hommel & Co 600 2 Ave AT 1-3141 TRE1P
Mansfield Co M V 937 Liberty Ave F C Corbin GR 1-4175 PSTRM
Marlu Distributing 5934 Broad St TR
Marshall Co John 201 Anderson St PST*
Miller Co J E 5748 Baum Blvd EM 1-4500 TRE1E2
Minsky Bros 109 3rd Ave L Minsky GR 1-7755 TR
Moto Radio Distr 5732 Baum Blvd G P McCutcheon MO 1-2822 TE1
Pittsburgh Auto Equip 5808 Baum Blvd MO 1-5300 TRE1
Pittsburgh Products Reedsdale & Fontella AL 1-3400 TRE1
Pittsburgh Products Reedsdale & Fontella AL 1-3400 TRE1
Superior Distr 5124 Liberty Ave PS*
Rogers Corp C R 5210 Liberty Ave E T Chafant MA 1-4700 TRPE1E2
Superior Distr 5124 Liberty Ave M Bloom TRE1*
Tydings Co 632 Grant St W S Potter AT 1-9260 PSTR*
Westinghouse Electric 209 W General Robinson N TRE1E2
Williams Co J A 401 Amberson Ave L L Williams TRM
Woodwell Co Joseph 201 Wood St W Russell TRE1E2

POTTSTOWN

Barbey Co Geo D 111 Washington St R E Moyer PSTR

POTTSVILLE

Biehl's Inc 500 Centre St G W Biehl 162 TRE1 Moyer Electronic Supply 330 E Norwegian C W Moyer 3742 PSTR* Schneider Distributors L R 370 Centre St TRE1 Schuylkill Electrical Distr 1806 W Norwegian TR



READING

Barbey Co George D Penna St & 2nd G D Barbey PR RE 7451 PSTR B O R Radio Co 217 Chestnut St N H Gibson TRE1 General Electric 447 N Front H J Keegan 4-2169 TRE1E2P Graybar Electric 22 S 3 St T J Hopkins TRE1E2 Westinghouse Electric 4 & Elm Sts R E Richards TRE1E2

ST. MARYS

B & R Electric 26 Railroad St W J Fleming Owner 6755 FS*

SCRANTON

General Electric 204 Monroe Ave H J Keegan 5104 TRE1E2P
General Radio & Refrig 701 Adams W Gerstein 7-5033 PSTRE1E2
Morris Distributing 616 Mulberry St L Shiffner 4-2982 TRE1E2PSM
Penn Electrical Engineering 517 Ash St G F Smith 8175 TRE1E2
Pursell Fred P 548 Wyoming Ave K J Watson 3-0123 PSTR
Scott Co Chas B 119 Franklin Ave L L Scott Jr 2-8221 TRE1E2
Scranton Electric Construction 625 Conne!! Bldg F J Platt TR
Scranton Radio & Television 519 Mulberry St D W Mack 3-1259 PSR*

SHARON

Sharon Electronics Supply Co 1344 E State St 6501 PS

STATE COLLEGE

Haller Raymond & Brown 401 Clay St R V Reiff Jr 6701 TP

SUNBURY

Big Boys Distributing Co 132 S 2 L Friedman 990 TRE2

TOWANDA

Scott Chas B Co See Scranton

Zimmerman Wholesalers 39 E Fayette St G Zimmerman PS#

WILKES-BARRE

RCA VICTOR

D & H Distr Co Inc 251 S Main St J Bennett 3-6181 TRMPE1E2

General Electric 85 E Union St H J Keegan 2-5106 TRE1E2P General Radio & Electronic 287 S Main St B Gerstein 3-1778 PSTR Kile-Jacobs 134 N Washington St A C Kile 3-6179 TRE1E2 Radio Service 346 S Main & Shuster 3-7713 PSTR Wall Co R B 56 E Union St TRE1

WILLIAMSPORT

Lowry Electric Co 643 Elmira St F W Lowry 27841 TRE1E2P
Neyhart's Inc 141 W 3 St L F Finkler 5141 TRE1
Westinghouse Electric Supply Co 348 W 4 St L A Wood TRE1E2
Williamsport Radio Supply 518 W 3rd St J B Voelkler 7696 PSTRM*

Careva Corp 517 E Prospect J A Spyker 8-1528 TRE1
Eshelman Supply Co see Lancaster
J R S Distributors 644 W Market St J D Strauss PS
J F S Distributors 146 W Market St J D Strauss P*
Westinghouse Electric Ogontz St & 6 Ave L A Wood TRE1E2
York Radio & Refrig Parts 263 W Market St C Sheffer 4-2669 PSTR* (Directory continued on next page)

DISTRIBUTORS

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Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

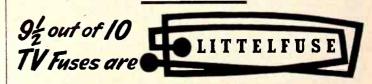
ALLENTOWN—Radio Elee Serv Co 1042 Hamilton St
ALTOONA—Hollenback Radio Supply 2221 Eighth Ave
BEAVER FALLS—Reliable Motor Parts Co 1700 7th Ave
BUTLER—Barron Radio Supply 116 E Jefferson Street
EASTON—Radio Elee Serv Co 916 Northampton Street
ERIE—J V Duncombe Co 1011 West Eighth Street
HARRISBURG—Excelsior Radio Co 17th & Derry Sts
Radio Distributing Company 140 South Second St
HAZELTON—Moyer Elee Supl Co 758 N Locust St
LANCASTER—George D Barbey Co 622 Columbia Ave
PHILADELPHIA—Emerson Rad of Penna 225 N Broad
Motorola-Philadelphia Company 120 8 30th St
Radio Elee Serv Co of Penna 3412 Germantown Ave
Radio Elee Serv Co of Penna 3412 Germantown Ave
Radio Elee Serv Co of Penna 9300 Market Street
Radio Elee Serv Co of Penna 9300 Market Street
PITTSBURGH—Cameradio Company 963 Liberty Ave
M V Mansfield Company 937 Liberty Avenue
The John Marshall Company 201 Anderson Street
POTTSTOWN—Geo D Barbey Co 111 N Washington St
POTTSVILLE—Moyer Elee Supl Co 330 E Norwegian St
READING—George D Barbey Co 2nd & Penn Street
ST MARYS—B & R Electric Company
SCRANTON—Fred P Pursell Co 548-550 Wyoming Ave
SUNBURY—Big Boys Auto Parts Co 123-129 8 2nd St
UNIONTOWN—Zimmerman Wholsirs 55 Morgantown
WILKES-BARRE—Radio Service Co 346 South Main St
R B Wall Company 58 East Union Street
WILLIAMSPORT—Williamsport Rad Supl 518 W 3rd St
YORK—J R S Distributors 644 West Market Street

Standard COIL PRODUCTS CO., INC.

"THE STANDARD TUNER"—"THE STANDARD BOOSTER"

SEE STANDARD COIL JOBBERS

ALLENTOWN—Federated Purchaser 1115 Hamilton St Radio Electric Service 1042 Hamilton Street EASTON—Radio Electric Service 918 Northampton St ERIE—Warren Radio Inc 12th & State Streets LANCASTER—Eshelman Supply Co 110 N Water Street York Radio 619 West King Street PHILADELPHIA—A C Radio Supply 1539 W Passyunk Allied Electric 3640 Elder Street Almo Radio Company 412 North Sixth Street Penn Electronics Parts 5303 Frankford Avenue Albert Steinberg & Company 2520 N Broad Street PITTSBURGH—Hamburg Bros 305 Penn Avenue Radio Parts Company 929 Liberty Street Tydings and Company 632 Grant Street READING—Geo D Barbey Second & Penn Streets YORK—J R S Distributors 644 W Market Street





For your local distributor write ar wire FADA Belleville, New Jersey

and the second

OMISSIONS

Listings have been omitted in all cases where, after three requests, a company has failed to return our directory questionnaire or otherwise verify its activity.

RHODE ISLAND

PROVIDENCE

VIDENCE
Adams Distr 116 Broadway W M Morton DE 1-9200 TR
Ballou Johnson & Nichols 128 Dorrance St DE 1-8320 TRE1E2
Capital Dist 557 Broad St TR
Choquette & Co 45 Mathewson St C E Choquette UN 1-2754 TRE1
DeMambro Radio 90 Broadway Edward DeGroat JA 1-5600 PSTR*
Dandreta & Co Wm 129 Regent Ave A J Marrese UN 1-2800 PSR
Eastern Co 229 Georgia Ave See Cambridge Mass

Eddy & Co 43 Hospital St E V Egavian Pr GA 1-2045 TRPSM

Edwards Co W H 94 Broadway W H Edwards PS
Feldman Co I 365 Charles St Isadore Feldman Owner JA 1-9650 TRE1
General Electric Harris Ave & Acorn St GA 6523 TRE1E2P
Graybar Electric 194 Richmond St T A Purcell DE 8100 TRE1E2
Lynch Inc R U 9 Federal St E DeGroot Pr Un 1-4800 TRE1
Mascon 15 Stevens St B R Albert Owner JA 1-3617 TR
Milhender Distr See Boston Mass
Moore Co John J 92 Broadway J J Moore Pr JA 1-9035 TRE1
Providence Electric 110 Empire St S I Cohen Pr DE 1-9751 TRE1E2
Rhode Island Distr 280 Richmond St J S Shepard Pr GA 1-6770 TR
Television ACC House PS
Tracy & Co 80 W Exchange St H R Tracy Pr GA 1-6424 TRE1E2
Tri-State Wholesalers 17 Lyman St S J Schiff Pr DE 1-1960 TRE1
Westinghouse Electric 233 Harris Ave R N Chapman BM TRE1E2
(Directory continued in next column)

DISTRIBUTORS AT YOUR SERVICE



Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

PROVIDENCE—DeMambro Radio Supl Co 90 Broadway W H Edwards Company 94 Broadway

Standard COIL PRODUCTS CO., INC.

"THE STANDARD TUNER"—"THE STANDARD BOOSTER"

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PROVIDENCE—William Dandretta 129 Regent Avenue De Mambro Radio Supply 90 Broadway Street W H Edwards Company 94 Broadway Street Television Accessory House



PERFECTED TELEVISION From Coast to Coast The Buying Swing is to Tele King

Providence, New London Area Distributors

PROVIDENCE ELECTRIC CO.

110-114 Empire St., Providence, R. I.



PROVIDENCE—William Dandreta & Co 129 Regent DeMambro Radio Supply Inc 90 Broadway W H Edwards Incorporated 94 Broadway



SOUTH CAROLINA

CHARLESTON

Allison-Erwin See Charlotte N Car Cannon Distr 198 E Bay St N L Cannon 2-4108 TR Franke & Co C D 170 Meeting St TRE1E2 Gas Engine & Electric 280 Meeting P M Minus CH 9818 TRE1E2 Hough-Wylie See Charlotte N Car Perry-Mann Electric 165 Meeting St W M Perry TRE1E2P Radio Laboratories 215 King St PS Wholesale Radio 121 Anson St PS



Allison-Erwin See Charlotte N Car
Associated Distr 822 Gervais St L Strasburger 6412 TRE2
Brown-Rogers-Dixson 804 Gervais St F R Dixson TRE2
Dixie Radio 1700 Laurel St B Krell 2-5358 PSM*
Electrical Appliance 1917 Laurel St James Warlick TRE1E2
Electronics Inc 1513 Taylor St PS
Graybar Electric 710 Lady St J H Littleton Jr Mgr E1E2
Horlacher & Barrett 1909 Main St J B Horlacher 2-5395 PSTR
Hough-Wylie See Charlotte N Car
Perry-Mann Electric 901 Taylor St W L Perry 2-4375 TRE1E2P
Southeastern Radio Parts See Atlanta Ga
Westinghouse Electric 915 Lady St O C Rhodes Br Mgr TRE1E2



For your local distributor write or wire FADA Belleville, New Jersey

FLORENCE

Carolina Auto Supply See Charlotte N Car Florence Radio 223 Cheves St W K Stoner Buyer 4243 PSTR

GREENVILLE

Allison-Erwin See Charlotte N Car
Bates Radio P B Byrum SM TR
Carolina Radio 225 W Washington St E L Flinkingshelt 2-6740 PST
Dixie Radio 22 Richardson St J W Poag PS*
Gilliam Radio 117 W Coffee F F Gilliam 2-1332 PSTR
Perry-Mann Electric See Columbia
Westinghouse Electric 226 Pendleton St R E Hallman TRE1E2

SPARTANBURG

McElhenney Co 204 St John St H E McElhenney 6309 PSTR Montgomery & Crawford PO Box 1597 TRE1E2 (Directory continued on next page)

DISTRIBUTORS

AT YOUR SERVICE



Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

CHARLESTON—Wholesale Radio Supl Co 272 Meeting COLUMBIA—Dixie Radio Supply Co 1715 Main Street GREENVILLE—Carolina Rad Supl 227 W Washington Dixie Radio Supply Co 22 South Richardson Street SPARTANBURG—McElhenney Rad Sup Hse 204 St John

Standard COIL PRODUCTS CO., INC.

"THE STANDARD TUNER"—"THE STANDARD BOOSTER"

SEE STANDARD COIL JOBBERS

COLUMBIA—Dixie Radio Supply Co 1700 Laurel Street Horlacher and Barrett 1909 Main Street GREENVILLE—Dixie Radio Supl Co 22 Richardson St Gilliam Radio Company 117 West Coffee Street



CHARLESTON—Radio Laboratories 215 King Street
COLUMBIA—Dixie Radio Supply Co 1700 Laurel Street
Southeastern Radio Parts 1513 Taylor Street
GREENVILLE—Carolina Rad Supl 225 W Washington
Dixie Radio Supply Company 22 Richardson Street
Gilliam Radio Company 117 West Coffee Street
SPARTANBURG—McElhenney Rad Supl Hse 204 St John







JENSEN MFG. CO., 6601 S. LARAMIE, CHICAGO 38





ABERDEEN—Danielson Bros Co 202 S Lincoln Street RAPID CITY—Power City Radio Co 427 St Joe Street SIOUX FALLS—Power City Radio Co 209 S First Ave WATERTOWN—Burghardt Rad Supl 124 1st Ave NW

SOUTH DAKOTA

ABERDEEN

Burghardt Radio Supply 102 S 2 See Watertown Danielson Bros 202 S Lincoln Ave PS Graybar Electric 224 1 Ave SE D G Hubbard Mgr TRE1E2 Reinhard Bros 317 S Lincoln St See Minneapolis Minn

MITCHELL

General Motor Equipment TR

RAPID CITY

Hills Gas & Appliance 427 St Joe St E C Murray PR 2802 TR Power City Radio See Sioux Falls

SIQUX FALLS

Crescent Electric Supply 417 N Phillips Ave See Dubuque
Graff Motor Supply 122 W 7 St Gordon Graff 2425 TR
Larson Hardware 600 N Main Ave TRE1E2
Lippert Co L C 221 S 1 Ave L C Lippert PR 4-4001 TRE1E2
Power City Radio 209 S 1 Av W B McKenzie Owner 4-4077 TRE1PS*
Reinhard Bros 225 S 11 St H C Hoffman 4-6061 RE1E2
Rudning-Robertson 800 N Main Ave J R Rudning 4-6058 TRE1

Warren Radio Supply 109'S Ind Ave L C Warren 8-6051 TRPSM*

WATERTOWN

Burghardt Radio Supply Box 41 S L Burghardt Owner PSTR* Larson Electrical 18 1 Ave NE See Hudson Wisc (Directory continued in next column)

DISTRIBUTORS AT YOUR SERVICE

Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

ABERDEEN—Burghardt Radio Supply 102 S Second St SIOUX FALLS—Warren Radio Supply 115 S Indiana Av WATERTOWN—Burghardt Rad Supl Dakota Warehse



7el-a-Ray enterprises, inc.

HENDERSON, KY.

Manufacturers of Long Range TV and FM Antenna Systems

TENNESSEE

BRISTOL

Clark Radio Supply 151/2 Bank St PS Graybar Electric 29 5 St R L Coward Mgr E1E2 Interstate Hardware J T Cecil PS McClung & Co C M See Knoxville

CHATTANOOGA

RIJANOUGA Bryant & Trimble 100 Market St A E Trimble Owner 6-2703 TREI Curle Radio Supply 825 Cherry St C E Curle 6-4729 PSMTR* General Electric 112 W 13 H W Christian 5-4571 RE1E2P Graybar Electric 1222 Carter St J R Feeney Mgr E1E2 McClung & Co C M See Knoxville

VICTO

Radio & Appl Distr 323 W Main M H Hays Pr 7-6541 TRPSME1E2

Southern Furniture Sales 701 Broad St R C Fowler Pr TR Specialty Distributing 709 Chestnut A A Sterk Mgr PSTR Standard Appliance 618 Broad St TRE1 Tri-State Supply 1148 Market St C C Bowers Pr. 7-5581 TRE1 Whol Furniture & Appl 1420 Chestnut W H Ray Jr 6-0189 TRE1E2

JACKSON

Rush Co L K 103 Highland L K Rush Owner 2-4731 PSTR*

JOHNSON CITY General Electric 425 W Walnut H W Christian 3117 RE1E2P

KINGSPORT

Chem City Radio & Elec Co of Tenn See Knoxville Radio Electric Supply 210 Cherokee St James Camp PSTR

KNOXVILLE

DAVILLE
Bomar Appl 520 Western Ave M Balitsaris VP 2-1181 TRE1PS
Bondurant Bros 906 Sevier Ave Wright Brown Buyer 3-9144 TRE1E2
Bryant & Trimble 322 W Magnolia C S Sexton 4-7441 TRE1
Chem City Radio & Elec 12 Emory Pk J A Gettman Pr 4-3641 PS*
General Electric 701 W Jackson H W Christian 5-2104 RE1E2P
Graybar Electric Henley & Union C C McGraw TRE1E2
Hahn Electronic Supply 424 E Scoft NE W R Hahn 4-9905 PSMTR
House-Hasson Hdw 757 Western J W Hasson VP 4-2521 TRE1E2

(RCA)

McClung & Co C.M 501 Jackson F Trevena 2-1161 TRPSME1E2

Roden Electrical 808 N Central H D Roden 3-0491 PSR*
Southern Furniture Sales 418 Gay E L Fielden 2-6107 TRE1E2
Tri-State Supply 2451 N Bdway C W Bowers Mgr 5-2121 TRE1
Valley Appliances 1528 Island Home A A Atkins Pr 4-0723 TRE1E2
Wholesale Furniture & Appl 105 W Jackson 2-3601 TRE1E2

(Directory continued on next page)



CHATTANOGA—Curle Rad Sup & Sd Serv 825 Cherry Specialty Distributing Company 709 Chestnut St KINGSPORT—Chemcity Radio & Electric Company Radio Electric Supply Company 210 Cherokee St KNOXVILLE—Chemcity Radio & Elec 12 Emory Park C M McClung & Company Inc 501 Jackson Street Roden Electrical Supply 808 North Central Street MEMPHIS—Bluff City Distributing Co 905 Union Street Lavender Radio Supply Company 1012 Union Ave W & W Distributing Company 647 Madison Avenue NASHVILLE—Braid Electric Co 1100 Demonbreum St Currey's Wholesale Distributors 1600 McGavock St Electra Distributing Company 1914 West End Ave Randolph & Cole 1516 Church Street

DISTRIBUTORS



Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

AT YOUR SERVICE BRISTOL—Interstate Hardware Company Inc
CHATTANOOGA—Curle Rad Supl & Sd Serv S25 Cherry
Specialty Distributing Co 709 Chestnut Street
KNOXVILLE—Chemcity Radio & Elec Co 12 Emory Pk
Roden Electrical Supply Co 806-808 N Central Ave
MEMPHIS—Bluff City Distributing Co 905 Union Ave
Orgill Brothers & Co 10-56 West Calhoun Avenue
NASHVILLE—Braid Electric Co 109 Eleventh Ave S
Randolph & Cole Inc 1516 Church Street



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TENNESSEE (Continued)

MEMPHIS

Adair Appl & Supply 664 Union G D Adair 5-2748 TRE1E2
Bluff City Distr 905 Union A L Cowles 38-1676 PS*
Boyd Electronic 1153 Union I H Boyd Owner 2-5565 PSE1E2
Crenshaw Co 42 W Iowa St J H Baine Jr 9-6691 TRE1
Forrest Distr 285 W Trigg H W Forrest Owner 39-2657 TR
Fulmer Inc Arthur 296 Monroe Ave Fred Bottom Pr TR
General Electric 500 S Front H W Christian 37-551 TRE1E2P
Graybar Electric 484 S Front St J W Horne Mgr TRE1E2
Lavender Radio Supply 1012 Union Ave See Texarkana Texas
McDonald Bros 994 S Bellevue J W McDonald Pr 9-2771 TRE1E2

ICTOR

McGregor's Inc 1071 Union Ave J M McGregor Pr 36-3301 TRPSM

Mill-Morris 171 S Dudley C Ross Buyer 36-3351 TRE1E2S
Miss Valley Furniture 37 E Carolina Ave TR
National Rose 80 W Va J H Patton Jr VP 39-4661 TRE2M
Orgill Bros 10-52 W Calhoun K W Orgill 5-2471 TRE1E2P
Shobe Inc 1195 Union Ave N S Shobe Owner 32-3411 TRPSE1E2
Stratton Warren Hdw 37 E Carolina Ave TRE1E2M
Swift Tire 971 Union Ave TR
Westinghouse Electric 845 N Main E A McDermott Br Mgr TRE1E2
Woodson & Bozeman 482 Union 37-9331 TRE1PSM
W & W Distr 647 Madison Ave L M Brown 37-4629 PSTR

MILAN

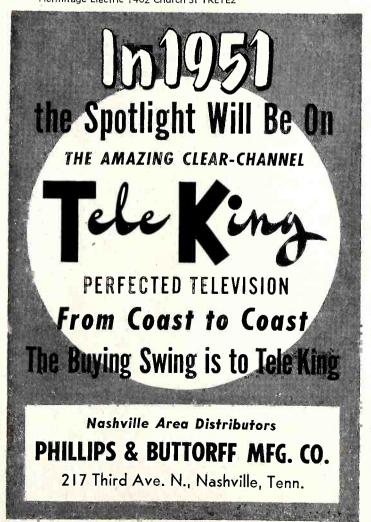
Mill-Morris See Memphis



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NASHVILLE

Appliance Distr 1923 Church St G J Fortescue Pr 42-5656 TRE1 Better Home Products 22 10 Ave S W M Fike Pr 5-4724 TR Braid Electric 1100 Demonbreum B S Gambill Pr 42-6511 TRE1E2PS Capitol Radio & TV 432 3 Ave N H Eskind 5-0475 TRE1P Cumberland Distr 1206 Demonbreum St TR Currey's 1600 McGavock K Currey Owner 4-0553 TRE1E2PS Electra Distr 1914 W End Ave I Silver PS* Gambill Distr 117 9 Ave N Russell Campbell 5-2727 TRE1E2 General Electric 128 6 Ave S H W Christian 5-6331 TRE1E2P Graybar Electric 315 8 Ave S H B Hall Mgr TRE1E2 Hermitage Electric 1402 Church St TRE1E2



RCA VICTOR

Keith-Simmons PO Box 1030 A L Carr Pr 4-1761 TRPSME1E2

Lipscomb & Co H G 138 2 St N TREIE2
McWhorter-Weaver 178 2 Ave N L J Mulhall 42-2656 TREIE2PS
Moore-Handley Hdw Craighead & L & N RR See Birmingham Ala
Perry Co J L 815 9 Ave N J L Perry 4-1821 TREIE2
Phillips & Burtorff 217 3 Ave N TR
Radio & Appliance 4 Cummins Station J R Andrews TREIE2PS
Randolph & Cole 1516 Church Sf G T Randolph Owner PS
Southeastern Appl 1015 S 6 St R A Coleman Jr 4-1855 TREI
Tafel Electric 401 6 Ave S Paul Tafel 42-7305 TREIE2
United Service 1515 Bdwy E Voorhees Mgr 6-8161 TREIS
Wholesale Furn & Appl 309 S 1 R H Morrison Owner 5-1165 TREIE2

Standard COIL PRODUCTS CO., INC.

"THE STANDARD TUNER"—"THE STANDARD BOOSTER"

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CHATTANOOGA—Bryant & Trimble 100 Market Street Specialty Distributing Company 709 Chestnut St KNOXVILLE—Chemcity Radio & Elec 12 Emory Park C M McClung and Company 501 Jackson Street NASHVILLE—Electra Distr Co 1914 West End Ave

TEXAS

ABILENE

General Electric 190 Locust R M Randerson Mgr 2-2827 TRE1E2P R & R Electronic 802 Walnut W J Wright 4-9544 PSTRM*

Amarillo Hdw 600 Grant St E W Hardin Pr REIE2
General Electric 701 E 5 Ave A F Clark 2-3285 REIE2P
Graybar Electric 601 E 2 St L P Bell Mgr E1E2
McDonald Auto Supply 2 & Tyler S Thatcher 2-1213 R
Morrow-Thomas Hdw 316 Polk St REIE2
Nunn Electric Supply 105 Polk St C D Hare Pr REIE2
R & R Electronic 416 W 10 H E Brown 3-4513 PSR*
Thomsen's Wholesale 910 W 6 R F Thomsen Jr Owner 6618 REIE2
Westinghouse Electric 99 Taylor R G Scott Br Mgr REIE2
West Texas Radio 1026 W 6 Ave E Bland Mgr 2-3179 PSRM*

9 out of 10 TV Fuses are

AUSTIN

Graybar Electric 214 E 3 St E L Copeland SM E1E2 Hargis Co 706 W 6 St P Hargis 8-6618 PSTRE2* Standard Radio 309 Lavaca J E Moore Jr Owner 7-9421 PSTR

BEAUMONT

General Electric 1295 Pearl St C I Leslie Mgr 4-6435 TRE1E2P Graybar Electric 1070 Fannin St L A Haley Mgr TRE1E2 Hall Inc R C & L F See Houston Montague Radio 760 Laurel L E Montague Owner 4-5697 PSTRE2* Westinghouse Electric 265 Cypress V R Gonzales Br Mgr TRE1E2

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VIKING

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BROWNSVILLE

Electronic Equip & Eng'g See Corpus Christi

CORPUS CHRISTI

Electronic Equipment & Eng'g 1310 S Staples 2-8662 PSTRE1E2* General Electric PO Box 68 W V Fisk Mgr RE1E2P Graybar Electric 1311 Agnes St R E Broyles Mgr E1E2 Modern Radio Supply 308 S Staples St PS Westinghouse Electric 110 N Staples C M Reynolds TRE1E2 Wicks-DeVilbiss 513 S Staples G C Wicks 8285 TRPSM*

DALLAS

Adleta Co 1914 Cedar Springs E C Adleta Pr 7-7576 TRPSME1E2

Alexander Motor 2121 Pacific Ave Oliver Black RI 5531 TR All-State Distr 2407 Ross J H Klein Owner RI 1295 PSRM* (Directory continued on next page)

TEXAS (Continued)

Blackwell Co Paul PO Box 7322 DI 8456 TR
Capitol Distr 1030 Dragon L H Skillman ST 2292 TRE1E2
Crabtree Radio 2608 Ross H C Crabtree RI 3059 PSTRM*
Dallas Electric 1800 Magnolia RI 5396 PRE2
Dobbs of Dallas 1507 Ross F Dobbs RI 1311 TRM
General Electric 1811 N Lamar G B Richardson RA 2201 TRE1E2P
Graybar Electric 400 S Austin G T Marchmont RA 6452 TRE1E2
Harrison Equipment 6234 Peeler PS
Higginbotham-Pearlstone 1701 N Market L L Faster RA 2213 TR
Industrial Electronic 6234 Peeler J W Stanfield Pr 3-8122 PSR
Lone Star Wholesaiers 1911 Griffin J J Shea Pr RI 9863 TRE1E2
Lynch & Co S H 2101 Pacific St S H Lynch Pr 5151 TR
Marlin Associates 2401 Main St C Metzger RA 3401 TRE2
Meletio Electrical Preston & Young J Meletio R 9594 TR
Peaslee-Gaulbert 2700 Canton St M E Joyce CA 0277 TRE1E2
Porter-Burgess 815 N Pearl V N Burgess RI 5164 TRE1E2



7el-a-Ray ENTERPRISES, INC.

HENDERSON, KY.

Manufacturers of Long Range TV and FM Antenna Systems

Radio City Distr 720 S Austin R W Hill Pr PR 0381 TRE1
Ra-Tel 2409 Ross Ave PR 8689 PS*
Rogers Leche & Wickman 122 Howell H M Wickman RI 6318 TR
Shield Co 1122 Jackson St See Ft Worth
Southern Radio 3221 Ross Ave See Little Rock Ark
Southwestern Co 1202 Dragon W G Medaris Pr PR 4841 TRE1PM
Southwestern Drug PO 80x 179 J Bradshaw VP PR 8751 TR
Southwest Radio 1820 N Harwood RI 6272 PSTRM*
Texas Wholesalers 1719 N Harwood W J Schnelle Pr RA 9031 TRE1
Texoma Wholesale Jewelry 400 N Akard St RI 1731 TR
Westinghouse Electric 601 Latimer C M Mackey RA 2401 TRE1E2
Wholesale Electric 601 Latimer C M Mackey RA 2401 TRE1E2
Wholesale Electric 800 Ross Ave VI 0796 PSR
Wilkinson Bros 2406 Ross Ave E Wilkinson Pr 1571 PSR*
Williams W Batt 1801 Wood St PST

DENISON

Denison Radio 310 W Woodard Cecil Hardy 45 PSTR*

EL PASO

Appliance Distr 1409 Texas W Lawson Pr 2-2686 RE1E2 Crouch Appliance 1301 Texas J J Crouch 3-2407 RE1 General Electric 300 Dallas St D U Gaston Mgr 3-3407 RE1E2P Graybar Electric 427 San Antonio Woodie Gare 2-8381 RE1E2 Irion Co. 2158 Mills St C H Irion 2-3815 RE1E2 Krohn Co E H 113 E Overland RE1E2 Mathias & Co Albert 111 S Mesa Ave S Mayer Pr RE1M

RCA VICTOR

Midland Specialty 425 W San Antonio J M Regottaz 3-2401 RPSME1

Momsen-Dunnegan-Ryan P O Box 240 G Momsen 4-5557 RE1E2PSM Reeves Radio Supply 720 N Stanton T M Reeves 3-5752 PSR Sunland Supply 1200 E Missouri L Salzman Pr 3-0461 RMS Tri-State Music 220 N Stanton W T Blackwell Owner 3-3663 RM Walz Co W G 500 San Francisco 3-1677 PSE1 Zork Hdw 115 San Francisco Geo Wells 2-3621 RE1E2

FORT WORTH

Electronic Equipment 917 Florence St PS
Ft Worth Battery 615 Lamar St Bob Wilkerson 2-9208 TR
Ft Worth Radio 1201 Commerce T L Carleton FO 7106 PSTRM*
General Electric 409 Jones St H L Davis Mgr FA 5385 TRE1E2P
Graybar Electric 1107 Foch St V R Young Mgr E1E2
Scooters Radio Supply 509 Commerce S Tonahill FO 8448 PS*
Shield Co 1122 Jackson H P Hedges RA 3903 TRE1E2
Southwestern Drug T T Maxwell TR
Suttons Electronics 601 Commerce Wm Sutton ED 3915 PSTR*
United Appl Texas & Florence W W Slaughter Pr 2-7071 TRE1E2
Westinghouse Electric 205 NE 7 St W E Knapp Jr Br Mgr TRE1E2
West Texas Appl 800 Calhoun K J Scharfenberg FO 0581 TRE1

GALVESTON

Hall Inc R C & L F 1803 Tremont See Houston

HARLINGEN

Wicks-DeVilbiss See Corpus Christi Hayes Radio Supply 1115 W Harrison Tom Hayes PSR



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بيزوا بالمواق والمعرون أرك ساور أكنافسس المعينا والميد

HOUSTON

Automatic Distr 100 Jackson W M Wood Owner CA 0261 TRE1E2P Beyer & Co A R 1319 Polk A R Beyer PS Coastal Equipment 2015 Congress Ave F G Atwater Pr. TR Covington Distr 34 N Hamilton R H Peniok VP CA 0326 TRE1E2P Crumpacker Distr 1200 National E Crumpacker TRPS Dickerson Appliances Lynn M & M Bldg TR Franklin Co Robt E 1905 Chartres R E Franklin CA 0194 TRS General Electric 1312 Live Oak St H C Briggs FA 3121 TRE1E2P Geophysical Supply 1311 Dallas Ave PS Graybar Electric 1702 Cullen Blvd R H Lloyd AT 4571 RTE1E2 Hall Inc R C & L F 1219 Carolina R C Hall CA 9231 PSTR*

Harrison Equipment 1422 San Jacinto W M Harrison AT 6315 PS Houston Radio Clay & LaBranch L T Holland Pr CA 6261 PS Lenert Co 2213 Congress R H Lenert CH 2663 PTR Marlin Associates 3420 McKinney See Dallas Moore Bros 3401 Milam J W Dwyer Mgr JU 4175 TRP Peaslee-Gaulbert 2910 McKinney R E Peake CA 0277 TRE1E2 Radio Parts 1422 Polk David Applebaum Pr 7976 PSTR* Readers Wholesale 414 Washington H Reader CA 0393 TRE1PM Royal Distr 2211 Commerce J O Kirkpatrick CH 3562 TRE1P Sound Sales & Eng'g 1614 Fannin St PS Southwestern Drug P O Box 1639 J Foster Br Mgr TR Sterling Radio 1616 McKinney H M Spolane Owner PR 2311 PSR* Straus-Bodenheimer 1513 Prairie D H Straus Pr 5188 TRE1E2

RCA VICTOR

Straus-Frank 4000 Leeland R D Straus VP CA 1201 TRPSM

Walsh & Co J A 3215 McKinney J W Walsh Pr CE 9481 TE1E2 Westinghouse Electric 1903 Ruiz St T W Cunnea Br Mgr TRE1E2

LAREDO

Guarantee Radio 1314 Iturbide M Flores Owner 3101 PSTR Pan American Electronic 413 San Agustin Ave PS Radio & Electronic Supply 1219 Lincoln St PS

LUBBOCK

Anderson-Young 2002 Clovis Rd J M Young Owner 8581 RE2 Edwards Distr 1607 Ave G R R Tibbetts RE1 General Electric 221 Ave H A W McLaughlin Mgr 5569 RE1E2P Midland Specialty 1405 Ave A See El Paso (Directory continued on next page)

Standard COIL PRODUCTS CO., INC.

"THE STANDARD TUNER"—"THE STANDARD BOOSTER"

SEE STANDARD COIL JOBBERS



ABILENE—R & R Electronic Company 802 Walnut St
AMARILLO—R & R Electronic Co 416 West Tenth St
West Texas Radio Supply 1026 West Sixth Avenue
AUSTIN—The Hargis Company 706 West Sixth Avenue
Standard Radio Supply 1nc 309 Lavaca Street
BEAUMONT—Montague Radio Distr 760 Laurel Street
CORPUS CHRISTI—Elec Equip & Eng 1310 S Staples
DALLAS—All State Distributing Co 2407 Ross Street
Industrial Electronic Supply Co 6234 Peeler Street
Southern Radio Supply 3221 Ross Avenue
Southwest Radio Supply Co 1820 N Harwood Street
Wholesale Electronic Supply 2800 Ross Avenue
EL PASO—Midland Specialty 425 W San Antonio Street
West Radio Supply 720 North Stanton Street
Reeves Radio Supply 720 North Stanton Street
West Company 500 San Francisco Street
FORT WORTH—Fort Worth Rad Supl 1201 Commerce
Scootter's Radio Supply Company 509 Commerce St
Bill Sutton's Wholesale Electronics 601 Commerce
HOUSTON—Geophysical Supply Con 1311 Dallas Avenue
Harrison Equipment Co 1422 San Jacinto Street
Straus-Frank Company 4000 Leeland Street
LUBBOCK—R & R Supply Company 706 Main Street
MCALLEN—Rio Radio Supply Company Box 168
SAN ANGELO—Gunter Company 22 West Conche Street
SAN ANTONIO—Modern Radio Supply 635 Soledad St
Straus-Frank Company Post Office Box 600
TYLER—Lavender Radio Supply Co 503 E Oakwood St
Radio Service Supply Company 111 University St
WACO—The Hargis Company 1305 Austin Street
WICHITA FALLS—Mooney Radio Supply 1104 Grace St

DISTRIBUTORS

AT YOUR SERVICE

Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

AT YOUR SERVICE

Panel Lamps

ABILENE—R & R Electronic Co 1074 North First St

AMARILLO—R & R Electronic Co 416-18 W 10th Street

AUSTIN—The Hargis Co 706 West Sixth Street

BEAUMONT—Montague Radio Distribg Co 760 Laurel

CORPUS CHRISTI—Elec Equip & Eng Co 1310 S Staples

DALLAS—All-State Distributing Co 2407 Ross Avenue

Industrial Electronic Supply 6234 Peeler St

Southern Radio Supply 3221 Ross Avenue

Wholesale Elec Supply 3002 Ross Avenue

Wilkinson Brothers 2406 Ross Avenue

EL PASO—Midland Specialty Co 427 W San Antonio St
FORT WORTH—Ft Worth Rad Supl Co 1201 Commerce

Bill Sutton's Wholesale Electronics 601 Commerce

HOUSTON—Harrison Equipment Co 1422 San Jacinto

Sterling Radio Products Co 1602 McKinney Avenue

LUBBOCK—R & R Supply Company Inc 706 Main Street

SAN ANTONIO—Mission Radio Inc 814 South Presa St

Radio & Television Parts Co 118-120 Seventh Street

TEXARKANA—Lavender Radio Supply Co 522 E 4th St

TYLER—Lavender Radio Supply Co 110-114 Swann St

WACO—The Hargis Company Inc 1305 Austin Street

WICHITA FALLS—Mooney Radionic Supl Co 1104 Grace

TEXAS (Continued)

Nunn Electric 25 & Texas Ave C D Hare Pr 2-8781 RE1E2P R & R Supply 706 Main R C Hewett GM 5737 PS* Shield Co See Ft Worth West Texas Radio 100 7 Ave See Amarillo

East Texas Electric See Winnsboro

MC ALLEN

Rio Radio Supply Box 168 F H Bergh 1708 PSR

SAN ANGELO

Gunter Distr 22 W Concho R C Gunter 6793 PSRE1E2

SAN ANTONIO

ANTONIO

Alamo Distr 515 N Main H L Roper Buyer GA 7337 TRE1E2
General Appliance 1201 E Houston C S Ely Buyer GA 8266 TRE1E2M
General Electric 1801 Broadway H C Albrecht Mgr GA 1261 TRE1E2P
Graybar Electric 1401 N Hackberry J Emmett Mgr E1E2
Hendrix Co E G 321 S Flores E G Hendrix FA 8228 TRE1
Krisch-Delavan 602 S Medina A J Krisch CA 6181 TRE1
Lynch & Co S H 241 Broadway See Dallas
Mission Radio 814 S Presa H M Fischer Pr GA 8323 PSTRM*
Modern Radio 635 Soledad St PS
Olsen Radio 412 Pereida St Harold Olsen PS
Peaslee-Gaulbert 1324 S Flores D Berryhill GA 0201 TRE1
Radio & TV Parts 118 7 St M J Chelkowski FA 5329 PSR*
Rio Radio Supply 818 San Pedro St See McAllen
Rowles Sales 533 Delaware W C Rowles Pr KE 7145 TRE1E2
San Antonio Drug P O Box 1231 Edwin Dickson TR
Shankle Co Perry 1801 S Flores P Shankle Pr FA 5191 TRE1E2P
Southtern Equip 210 W Commerce E E Edge VP GA 9101 TRPE1E2
South Texas Appl 641 S Flores J B Pollock Pr FA 5131 TRE1E2S
Standard Distr 227 E Cevalios A Epstein CA 7128 TR

VICTOR

Straus-Frank P O Box 600 J R Straus Pr FA 0101 TRPSM

Thiele Inc Joe 1226 E Houston J Thiele GA 2491 TRE1E2 Van Hoogenhuyze Hdw Wm P O Box 29 N F Van Hoogenhuyze TRE1E2 Westinghouse Electric 1211 E Houston L J Clay Br Mgr TRE1E2

SWEETWATER

Midland Specialty See El Paso

TEXARKANA

Lavender Radio 520 E 4 St Joe Lavender Pr 2-9981 PSTRME2*

Lavender Radio 503 E Oakwood See Texarkana Radio Serv Supply 111 University D R Bryan Buyer 4-4441 TRPSE2 Wadel-Connally Hdw P O Box 2013 W B Connally TRE1E2

VICTORIA

Hayes Radio See Harlingen

WACO

General Electric 217 S 4 St E R Robbins Mgr 2-1611 TRE1E2P Hargis Co 1305 Austin St F L Kutzenberger Mgr 3-7052 PSTR* Southwestern Drug Raymond Simpson Sundry Buyer TR

WICHITA FALLS

Clark & Gose Radio 1203 Ind Ave PS* Mooney Radio Supply 1104 Grace J B Mooney 2-7505 PSRME2* White's Auto Stores 1509 Lamar W E White 2-5411 TRE1E2

WINNSBORO

East Texas Electric Supply Box 145 Fred Bithnell 249 TRE1E2

UTAH

OGDEN

Ballàrd & Carter 2428 Grant Ave C E Ballard 4604 PSTRM Iverson Radio Co 265 25 St Wayne Iverson 6286 TRPS Lowe Co Geo A 101 21 St 6631 TRE1

SALT LAKE CITY

Bintz Co W H 433 W Third South St C C Bintz Pr 3-5821 TRE1M Central Radio Supply 47 E Fifth South St PS

Flint Distr Co 216 W Second South St L B Flint Pr 3-8863 TRPSM

General Electric 310 W Second South E M Boggess 3-3911 TRE1E2P Graybar Electric 336 N Third West S B Cooper Mgr TRE1E2 Jackson Distr Co 115 S W Temple J M Jackson Owner 5-2906 TRE1 Lloyd Co Walter B 51 S Second West W B Lloyd 3-3825 TRE1E2 O'Loughlin's Radio 113 E Third South Sybil Beck 4-5051 PSTRM Radio Supply 157 Motor Ave R S Stevenson Owner 5-2817 PSTRM Ross Inc S R 1212 S State S R Ross 6-8607 TRPS Salt Lake Hdwe Co 105 N Third St Owen Thomas TRE1M Smith-Morley Co 55 S Second West St V A Smith Pr TRE1E2 Standard Supply 531 S State G W Stillman GM 4-7727 TRPSE1E2M Strevell-Paterson Hdwe P O Box 1048 G A Rogers TRE1E2 Valley Distr 2604 S State John Larson 8-0761 TR Western Gas Appl 751 W Eighth South H A Fresne Pr 3-3885 TRE1 Western Sup 357 W Second South H W Eskuche Pr 3-5818 TRE1E2 Westinghouse Elec Supply 210 Rio Grande John Longden TRE1E2 (Directory continued in next column)

(Directory continued in next column)



OGDEN—Ballard & Carter 2428 Grant Avenue SALT LAKE CITY—Standard Supply Co 531 S State



AT YOUR SERVICE



Radio Tubes TV Picture Tubes Electronic Products Test Equipment Transmitting Tubes Panel Lamps

SALT LAKE CITY—Standard Supply Co 531 So State St



VERMONT

BURLINGTON

Hagar Hdwe & Paint 164 St Paul St G | Hagar VP 71 TRPE2 Vermont Hdwe Co 180 Flynn Ave J C Arnold Pr TRE1E2PSM Westinghouse Elec Supply 208 Flynn Ave R P Shaw Br Mgr TRE1E2

RUTLAND

Oakman Elec Supply 12 Wales St A Manger Buyer 594 TRPSE1E2 Vermont Elec Supply Co 143 West St TR

ST. JOHNSBURY

Hagar Hdwe & Paint Co 13 Portland St See Burlington Vt

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Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment Transmitting Tubes Panel Lamps

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RUTLAND-Oakman Electric Company 12 Wales Street

VIRGINIA

ALEXANDRIA

Lindsey-Nicholson Corp 101 King St Wallace Lindsey 0067 TRE2

ARLINGTON

R & M Radio 2701 Wilson Blvd M L Beeton Jr OW 7503 PSTR* Rucker Radio Wholesales 1906 N Moore St See Washington DC

BRISTOL

Bristol Radio Supply 31 Moore St PS Service Appl Co Moore & Scott Sts W M Schlipf Pr N 4350 TREIE2

CHARLOTTESVILLE

Piedmont Elec Supply 411 E South St T W Hopkinson 2-5991 PS

DANVILLE

Womack Elec Supply 502 Craghead St C A Womack 4620 PSTR* (Directory continued on next page)



VIRGINIA (Continued)

GRUNDY

Buchanan-Williamson Supply R R Ave & Main St PSRE1E2

LYNCHBURG

Eastern Electric Co 920 Commerce St H Vassar 2-3497 PSTRE1 Lynchburg Battery & Ign Co 406 5 St C L Newcomb Pr 2-1236 PSTR

NEWPORT NEWS

General Supply Co 3510 Huntington Ave PS

NORFOLK

Ashman Distr Co 807 Granby W G Ashman Buyer 2-5656 TRPSE1E2*
Bowers Wholesale Corp 1605 Granby St G H Bowers Pr 2-5604 TE1
Duval Distr Corp See Richmond Va
General Elec Supply Co 709 E 26 St R B Baldwin M 2-7183 TRE1E2P
Goodman Elec Supply Co 258 Bank St S Goodman 4-9233 TRE1E2
Graybar Electric 333 W 21 St L E Burford Mgr TRE1E2
Norfolk Distr Co Payette St at Lynnhaven Ave H L Snyder TR
Radio Equip Co 821 W 21 St R F Priest Jr PS*
Radio Parts Distr 128 W Olney Rd G B Thomson 2-5711 PSTRE1E2*
Radio Supply Co 711 Granby St H B Bennett 2-1866 TRPSE1*
Schultz Geo J 639 W 24 St TR
Schultz Geo J 639 W 24 St TR
Trant Inc R F 912 W 21 St F L Waller VP 2-2683 TRE1
Westinghouse Elec Supply 2600 Hampton Blvd N F Watt, Jr TRE1E2

Wyatt-Cornick Distr 951 W 21 St Tom Bayless 2-7677 TRPSM

PETERSBURG

Virginia Battery & Ign 21 E Bank St J J Romey Mgr 2812 PSR

RICHMOND

Bowman Inc L O Cary & 9 Sts Louise O Bowman 7-4016 TRPE1 Commonwealth Sales Corp 1601 Summit E T Moore 84-2401 TRE1M Consolidated Sales 1408 Roseneath Rd M Klein VP 5-2803 TRE1 Cottrell Jr W C 408 E Main St W C Cottrell Jr 3-2402 PS Crump Co B T 1310 E Franklin St P A Seaton Sr 7-1941 TRE1M Duval Distr Corp 1221 Admiral St H G Duval Pr 2-2805 TRE1 General Elec Supply 401 E Canal St J G Kerr 3-8331 TRE1E2P Goldberg Elec Products 5 N 13 St TR Graybar Electric 10 S Sixth St L H Fields TRE1 Johnston Co D R 1315 E Cary St D R Johnston 7-3617 PS Johnston-Gasser Co 3023 W Marshall St J H Gasser 6-9405 PS* Lee Distr Co 1126 North Blvd E A Walter 6-1531 TR Mattson's Inc 519 W Broad St K A Minter Jr 3-6011 PS Meridian Electronic Equip 608 W Broad St A J Dere 2-8460 PS Radio Supply 3302 W Broad St W D Jenkins 6-3831 TRPSE1E2M* Reliable Home Equip Co 118 S 6 St TRE1E2 Richmond Hdwe Co 101 S 14 St W D Stuart Pr 3-0163 TRE1E2 Tiller Corp A R 959 Myers St A P Dodge VP 5-7401 TRE1E2 Tower-Binford Elec & Mfg 4 & Cary Sts J B Dunn 2-9011 TRE1E2 Westinghouse Elec 511 E Byrd St W F Watt Jr 3-0111 TRE1E2 Westinghouse Elec 511 E Byrd St W F Watt Jr 3-0111 TRE1E2



Wyatt-Cornick Inc Grace at 14 Sts J M Wyatt Jr 3-1945 TRPSM

ROANOKE

Auto Spring & Bearing Co 100 W Luck Ave G E Johnson 5544 RE1E2 Baker Sales Co H C 19 Franklin Rd A B Geer 9209 PSTRM*
Dixie Appliance Co Box 525 T H Lambdon 7362 TRPSE1E2M General Electric 515 Norfolk S W H E Rothwell 33–1564 TRE1E2P Graybar Electric 601, Salem Ave W E James E1E2
Lee Distributing 201 2 St N E 2-6127 TR
Leonard Electronic 131 Center Ave N J Leonard 3-9339 PSR*
Marshall & Deyerle Inc 204 5 St S W TRE1E2
Nelson Hdwe Co 17 E Campbell Ave R L Mason 3-2482 TRSE1E2
Westinghouse Elec Supply 732 1 St S E N F Watt Jr SM TRE1E2

STAUNTON

Hartley & Co M A 327 N Central Ave M A Hartley 5-2333 PSTRE1E2 Southern Elec Corp 14 E Johnson St L J Kiger 5-8221 PSTRE1E2

WINCHESTER

Leonard Electronic Supply 23 N Braddock St See Roanoke Va (Directory continued on next page)

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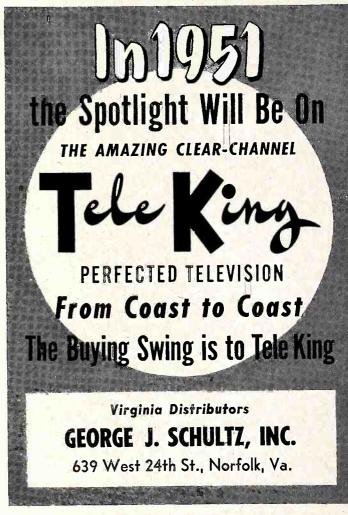
Radio Tubes TV Picture Tubes **Electronic Products** Test Equipment **Transmitting Tubes** Panel Lamps

ARLINGTON—Rucker Radio 1906 N Moore St
DANVILLE—Womack Elec & Supl 502-504 Craghead St
LYNCHBURG—Eastern Electric Co 920-22 Commerce St
NORFOLK—Radio Supply Company 711 Granby Street
PETERSBURG—Virginia Batt & Ignit Co 35 E Bank St
RICHMOND—Radio Supply Company 3302 W Broad St
ROANOKE—Auto Spring & Bearing Co 116 Luck Ave W
Leonard Electronic Supply Co 106 S W 2nd Street
STAUNTON—Southern Electric Co 14 East Johnson St
WINCHESTER—Leonard Elec Supl Co 23 N Braddock

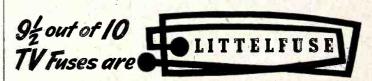


ARLINGTON—Rucker Radio Wholesalers 1906 N Moore LYNCHBURG—Eastern Electric Co 920 Commerce St NORFOLK—Radio Supply Company 711 Granby Street RICHMOND—Johnston-Gasser Co 3023 W Marshall St Radio Supply Company 3302 West Broad Street ROANOKE—Leonard Electronic Supply 131 Center Ave STAUNTON—M A Hartley & Co 327 N Central Avenue Southern Electric Company 14 East Johnson Street WINCHESTER—Leonard Elec Suply 23 N Braddock St





Standard COIL PRODUCTS CO., INC. "THE STANDARD TUNER"—"THE STANDARD BOOSTER" SEE STANDARD COIL JOBBERS



OMISSIONS

Listings have been omitted in all cases where, after three requests, a company has failed to return our directory questionnaire or otherwise verify its activity.

WASHINGTON

BELLINGHAM

Waitkus Supply 110 Grand Ave Stanley Waitkus 273 PSTRM

EVERETT

Pringle Radio & Elec 2514 Colby Ave R A Pringle PS

SEATTLE

Alaska Ra Sup 1844 Westlake N N J Rauch Pr AL 8777 PSTRE1E2M Alaska Ra Sup 1844 Westlake N N J Rauch Pr AL 8777 PSTRE1E2M Associated Industries 1752 Rainier Ave A M Jagoe MI 4400 PS Coast Radio Corp 110 University St W D Hayes MA 9133 PS Columbia Distr Corp 2601 Market St J W O'Neill SU 1300 TRE1E2 Commercial Appl Co 1534 1 Ave S F L Hawkins Pr EL 2285 TRE1E2 Connelly Co F B 1015 Republican St K Connelly Pr SE 4155 TRE1E2 Garretson Radio Supply 2235 2 Ave B W Garretson SE 7347 PST General Radio Inc 100 Wall St R F Fjelstad Pr EL 4784 PS* General Elec Supply 1212 1 Ave S A M Fletcher SE 6400 TRE1E2P Gilbert Bros Inc 222 2 Ave S See Portland Ore Graybar Electric King & Occidental J P Lawton MU 0123 E1E2

Harper-Meggee 960 Republican E S Carter Pr SE 5100 TRPSME1E2*

Love Elec Co 318 Westlake N James Love Pr MA 6574 TRE1M Marshall-Wells Co 1258 1 Ave S C R Marlow SE 7447 RE1E2 Northern Radio Co 314 Bell St EL 0315 PS Northwest Appl Distr 3433 Airport Way & Spokane EL 8178 TR Radio Products Sales 1214 1 Ave H Wandling Mgr MA 1035 PSTR* Radio Telev & Appl 510 Westlake N F T Brien MA 0787 PSTRE1E2 Rogers Co E K 2225 5 Ave E K Rogers Owner MA 3192 TRE1E2 Rogers Co E K 2225 5 Ave E K Rogers Owner MA 3192 TRE1E2 Rogers Co E K 2225 5 Ave E K Rogers Owner MA 3192 TRE1E2 Schwabacher Hdwe Co 401 1 Av S EL 2683 TRE1E2M Seattle Hdwe Co 501 1 Ave S C H Black Pr MA 7020 TRE1E2 Seattle Radio Supply 2117 2 Ave G A Reeves Pr SE 2345 TRPSE1E2* Stateside Radio & Telev 419 Denny Way E D Sablin SE 4455 TR Sunset Elec Co 300 Westlake N SE 1533 PSE1E2 Washington Distr 115 Madison W A Nagel Pr EL 0305 TRE2 Western Electronic Supply 2609 1 Ave H T Horn Pr SE 2913 PSR* Westinghouse Elec Supply 1051 1 Ave S W Jewell EL 7001 TRE1E2 Zerega Distr Co 515 Westlake N Emanuel Zerega MU 2525 TR Zobrist CO Herb E 2121 Westlake Av H E Zobrist MU 2121 PSTRE1*

SPOKANE

Columbia Elec 123 S Wall E A Johnston Pr R1 3131 RE1E2PSM
Connelly Co F B See Seattle
Frank's Radio Supply 161 S Adams F M Coates Pr MA 8108 P
Gemberling R H 121 S Monroe St RPS
General Distr 340 W Trent J B Kelly MA 8681 RE1
General Elec Supply 122 S Monroe St E Z Coman MA 4288 RE1E2P
Graybar Elec Co 152 S Post St V E McCain Mgr E1E2

RCA VICTOR



Harper-Meggee N 734 Division I G Albert GM BR 5793 RPSME1E2

Inland Empire 110 S Wall L K Vallandingham MA 9285 RE1E2
Marshall-Wells Co 131 E Main St E F Hughes SM R
Northwest Electronics N 102 Monroe J P McGoldrick MA 9289 PSR
Prudential Distr S 151 Stevens D S Cohn MA 2208 RE1E2
Spokane Paper & Sta 152 S Jefferson W L Barnes MA 3316 RE1E2
Standard Sales Co 1219 W 1 Ave PSR
Taylor Distr Co E 206 Augusta R W Ford Mgr R
True's Distr Co 521 E Sprague MA 2397 R
Tubbs Elec Co C A Tubb Pr MA 9141 RE1E2
Westinghouse Elec Supply N 1023 Monroe H L Vincent RE1E2

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BELLINGHAM—Waitkus Supply Co 110 Grand Ave EVERETT—Pringle Radio Wholesale 2514 Colby Ave SEATTLE—Coast Radio Corp 110 University Street General Radio Incorporated 100 Wall Street Harper-Meggee Incorporated 960 Republican Street Radio Products Sales Company 1214 First Avenue Radio Television & Appliance 510 Westlake Street Seattle Radio Supply Inc 2117 Second Avenue Western Electronic Supply Company 2609 1st Avenue Herb E Zobrist Company 2121 Westlake Avenue SPOKANE—Columbia Elec & Mfg Co 123 S Wall Street R H Gemberling 121 South Monroe Street Harper-Meggee Incorporated 734 Division Street Northwest Electronics Co North 102 Monroe Street Standard Sales Company 1219 West First Avenue TACOMA—C & G Radio Supply 2502 Jefferson Street WALLA WALLA—Kar Radio & Elec Co P O Box 676 YAKIMA—Lay & Nord 112 South Second Street

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TACOMA

C & G Radio Supply Co 2502 Jefferson L R Norberg BR 3181 PSR* General Elec Supply 2316 S "A" St J R Tilley BR 8454 RE1E2P Graybar Elec Co 2112 A St R J Franzen Mgr E1E2 Stewart Co A T 743 Broadway A T Stewart BR 3174 PSR Westinghouse Elec Supply 1930 Pacific Av A F Shean BR 8417 RE1E2 Wible Radio Supply 909 Tacoma Ave Chas Wible BR 7551 PSRM*

WALLA WALLA

Kar Radio & Elec Co PO Box 676 M W Barber 4572 PSR

WENATCHEE

Pringle Radio Wholesale 417 King St PS

Lay & Nord 112 S 2 St Jack Wood 8175 PSR Westinghouse Elec Supply 13 S 7 Ave E G Whitlock Br Mgr RPS Yakima. Wholesale Radio 206 S 8 Ave Ewald Lemke 4670 PRSM

WEST VIRGINIA

BLUEFIELD

:-IELU
Bluefield Furniture Co Princeton Ave & Raleigh St TR
Bluefield Hdwe Co 400 Bluefield Ave C D Blevins 5131 TRE1E2
Dixie Appl Co 233 Bluefield Ave TRPSE1
Superior-Sterling Co 200 Bluefield Ave C E Lilley VP TRE1E2
Whitehead Radio Co 367 Bluefield Ave M J Spiro PS*

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CHARLESTON

BRLESTON

Bond-Rider-Jackson 1210 Wilson St M Bond Jr 3-5541 TRE1E2
Capitol Light Co 619 Va St W Louis Colker Pr 3-0163 TRE2
Charleston Elec 914 Kanawha Blvd E J T Morgan 6-0321 TRE1E2M
Charleston Wholesale Furn Co 1326 Wilson St TR
Chemcity Radio & Elec 103 Clendenin St T A Lawrence 2-8151 PS*
Eskew-Smith & Cannon Box 1626 D M Giltman Pr 2-1171 TRE1E2
Hicks Radio Supply 1641 7 Ave PS
Jones-Cornett Elec Co 2526 E Washington See Welch
Kyle & Co R H 1353 Hansford St R H Kyle Pr 6-0671 TRE1E2
Mountain Electronics 708 Bigley Ave R N McClure 3-5105 PSTRM
Thomas-Field & Co 902 Virginia St F A Thomas PT TRE1E2
Virginian Elec Inc 57 Michigan Ave E D Knight 6-0631 TRE1E2P
Wilson Radio Distr 2520 E Washington Calvin Wilson 3-3451 TR

CLARKSBURG

Osborn Machinery Co 424 N 4 St C G Fleming Mgr 4-5636 TRE1E2 Trenton Radio Co 791 W Pike St See Morgantown Utility Co Stiles St Earl Victorson VP 4-6388 TRE1E2 Westinghouse Elec Supply 315 N 4 St E L Charles TRE1E2 White Elec Co 903 W Pike St PS

HUNTINGTON

Allegheny Home Appl 1801 Adams Av D F Hudson Jr 3-6802 TEIE2 Electronic Supply 422 11 St Nelson White 8779 PSTR* Emmons-Hawkins Hdw 1028 3 Ave M W Dugan Pr 9151 TREIE2P Huntington Wholesale Furn 740 8 Ave G W Hanshaw Pr 5197 TREI King & Irwin Inc 314 11 St E F Irwin 3-7194 PS* Tri State Appl Co 200 9 St Arnold Irwin 3-6406 TREIE2

(Directory continued on next page)



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WEST VIRGINIA (Continued)

Van Zandt Supply 1123 4 Ave R K Van Zandt Pr 5193 TRPME1E2

West Va Elec Supply 550 3 Ave Herbert Colker SM 3-6423 TRE2

MARTINSBURG

Plummers Radio & Elec 308 W King St R H Plummer 3821 PSTRE1

MORGANTOWN

Trenton Radio Co 300 Grant Ave J H Trenton 4-4141 PS

A E Supply Co 520 7 St TRE1 Randle & Hornbrook 536 7 St V M Randle 8-3391 PSTRE1M Sound Electronic Supplies See Portsmouth Ohio

Jones-Cornett Elec Co P W Jones Pr 66 RE1E2

WHEELING

Front Co 1114 Water St TRÉ1 General Elec Supply 1422 Main St A W Hoke Mgr 2555 TRE1E2P General Electronics Distr 26 10 St O E Johnson PR 5738 PSM

(RCA)

Hamburg Bros 360 National Rd Jules Harr GM 727 TRPSM

Rogers Co Earle 12 & Main Sts Earle Rogers TRE1E2 Ott-Heiskell Co 19 & Jacob Sts H G Roth 927 TRE1E2P Westinghouse Elec Supply 1803 Eoff St B W Brandfass TRE1E2 Wheeling Radio Supply 924 Market St A W Conaway PSE1E2M

WILLIAMSON

Persinger Supply Co A P Persinger Pr 2121 TRE1E2S
(Directory continued in next column)



BLUEFIELD—Whitehead Radio 367 Bluefield Avenue CHARLESTON—Chemcity Radio & Elec 103 Glendenin Mountain Electronics Company 708 Bigley Avenue CLARKSBURG—Trenton Radio Co 791 West Pike St White Electric Company 903 West Pike Street HUNTINGTON—King & Irwin 314 Eleventh Street MORGANTOWN—Trenton Radio Co 300 Grant Avenue PARKERSBURG—Randle & Hornbrook 536 Seventh St WHEELING—General Electronic Distr 26 10th Street

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WISCONSIN

APPLETON

Appleton Radio Supply 1217 N Richmond H W Techlin 3-3345 PSTR General Electric Supply 116 W Harris E H Evans AP 6400 TRE1E2P Valley Radio Distr 518 N Appleton St C H Lemcke 3-6012 PSTRM

ASHLAND

Garnich & Sons Hdw Co 400 7 Ave W A Garnich 2 TRE1

CHIPPEWA FALLS

Bushland Radio Specialties R W Bushland 6052 PSTR

FAU CLAIRE

Larson Electrical J H 402 Water St See Hudson Southern Minn Supply 409 S Barstow St See Mankato Minn

Morely Murphy Co 200 S Washington St W S Stiles Pr.TRE1E2
Neslo Electronic Distr 308 N Chestnut St F J Olsen AD 661 PSTR
Northern Radio & TV 708 S Broadway B C Deadman HO 586 PSTRM*
Popkey Co G M 716 Main St See Marinette
Westinghouse Elec Supply 619 Main St L A Myrand Br Mgr TRE1E2

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Larson Elec Co 106 Walnut St J H Larson Pr 248W PSTRE1E2

LA CROSSE

Roosevelt Co W A Front & Vine Jack Brindley 4-2082 TRE1E2 Stark Radio Supply 133 S 6 St R P Platz 2-3186 TRPS

Crescent Elec Supply 123 N Blount St See Dubuque Iowa Radio Distr 701 E Johnson St B C Deadman 5-5935 PSTR* Satterfield Radio 326 W Gorham A W Satterfield 6-0267 PSTR* Westinghouse Elec Supply 1022 E Washington Ave H E Toll TRE1E2

MANITOWOC

Harris Radio Corp 115 N 10 St H E Sterman Pr 9313 PSTR*

Popkey Co G M Main at 9 St G M Popkey 2-3823 TRPS

Acme Radio Supply 510 W State St F H Lingnor MA 8-0641 PSTR*
Admiral Corp 2941 N Humboldt R O Hebenstreit FR 2-4600 TRE1E2
Central Radio 1723 W Fond du Lac W S Ciganek WE 3-2982 PSTR*
Electro-Pliance 2458 W Lisbon W F Seemuth DI 2-9240 TRPSE1E2*
General Elec Supply 190 N Bdwy R C Deuster DA 8-5400 TRE1E2P
General Utilities 647 W Virginia B M Winsberg BR 2-7567 TE1
Graybar Elec Co 180 N Jefferson R J Harkins MA 8-1946 TRE1E2
Greusel Distr 808 N Market F W Greusel MA 8-1310 TRE1E2
Lappin Elec Co 1022 N 5 St D C Lappin Pr DA 8-7878 TRE1E2
Marsh Radio Supply 526 W State St E E Marsh DA 8-1320 PSTRE1*
Morley-Murply 5151 W State St S L Stiles GL 3-7200 TRE1E2M
Pritzlaff Hdw Co John 333 N Plankinton Ave MA 8-1965 TR
Radio Parts Co 538 W State St C M Brown MA 8-4048 TRPS*
Radio Specialty 829 N Bdwy A Van Antwerpen MA 8-2060 TRE1E2
Roth Appl Distr 647 W Virginia W H Roth Pr BR 1-1111 TRE1
Sievert Distr 1415 W Mitchell C Sievert OR 2-5000 TRE1E2
Standard Elec Supply 1045 N 5 St L H Siegel BR 2-4720 TRE2
State Distr Co 3500 W Pierce A DeB Gains EV 3-6200 TRE1

Taylor Elec Co 112 N Broadway J A Taylor BR 1-5400 TRE1PSM

Turnock Co Charles E 336 W State St C E Turnock MA 8-6584 PS Westinghouse Elec Supply 546 N Broadway R E Lovdal TRE1E2 (Directory continued on next page)

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APPLETON—Appleton Radio Supl Co 1217 N Richmond MADISON—Satterfield Radio Supply 326 W. Gorham St MARINETTE—G M Popkey Company Main at Ninth St MILWAUKEE—Radio Parts Co Inc 538 West State St

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CHIPPEWA FALLS—Bushland Radio Specialties
RACINE—Superior Radio Parts 908 State Street

WISCONSIN (Continued)

RACINE

Standard Radio Parts Co 1244 State St J A Swanson 4-3634 PSR* Superior Radio Parts Co 908 State St R H Campbell 4-7890 PS

SHEBOYGAN

Honold & LaPage 11 & Ky Ave P H Honold Pr 5544 TRE1E2 Koepsell Co J J S 9 at Commerce F W Koepsell 3646 TRE1E2PS Nitze's 1129 N 8 St 9531 PS

SUPERIOR

Central CoOperative Wholesale TR

WAUSAU

Radio Service & Supply 615 3 St Geo Hablewitz 3272 PSTR*





APPLETON—Appleton Rad Sup 1217 N Richmond St Valley Radio Distributors 518 N Appleton Street GREEN BAY—Neslo Elec Distr 308 N Chestnut Street Northern Radio & Television Co 708 S Broadway G M Popkey Company 716 Main Street LA CROSSE—Stark Radio Co 71 South 12th Street MADISON—Radio Distributors 701 E Johnson Street Satterfield Radio Supply Co 326 W Gorham Street MARINETTE—G M Popkey Main at Ninth Street MILWAUKEE—Central Rad Parts 1723 W Fond du Lac Electro-Pliance Distributor 2458 West Lisbon St Radio Parts Company 538 West State Street Charles E Turnock Company 336 West State Street WAUSSAU—Radio Service & Supply Co 615 Third St

WYOMING

CASPER

Schulte Hdwe Co 228 S Centre St RE1

CHEYENNE

Houge Radio & Supply 2008 Carey Ave C A Houge 6398 PSR* (Directory continued on next tage)





Radio Tubes TV Picture Tubes Electronic Products Test Equipment Transmitting Tubes Panel Lamps

VIKING

CHEYENNE—Houge Radio & Supply Co 2008 Carey Ave



CHEYENNE-Houge Radio & Supply Co 2008 Carey





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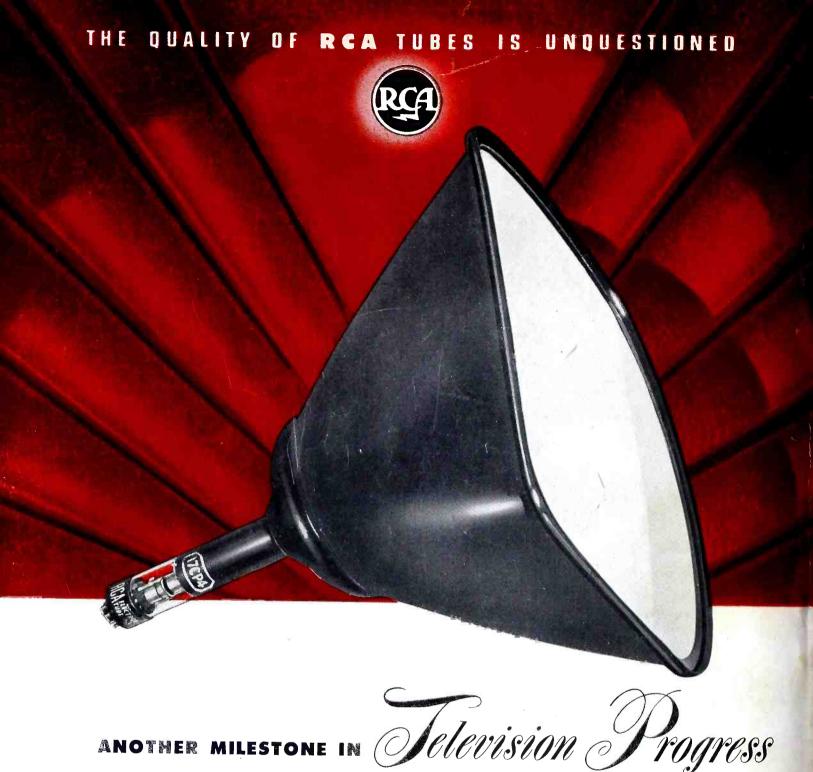
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