



ANTIQUE RADIO CLASSIFIED



VOLUME 4

JULY 1987

NUMBER 7



THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS
OF OLD RADIOS AND RELATED ITEMS - PUBLISHED MONTHLY

ANTIQUE RADIO CLASSIFIED

Publishing Details

Antique Radio Classified (ISSN:8750-7471) is published monthly, 12 times per year, by John V. Terrey, 498 Cross Street, Carlisle, MA 01741. Telephone: (617) 369-9770, 9:00 AM to 9:00 PM only, thanks.

Annual subscription rates within the U.S. are \$18.00 for Second Class mailing and \$24.00 for First Class mailing. Two-year subscriptions are twice these rates. Subscriptions to Canada and Mexico are by First Class only and are \$24.00 per year. Other foreign subscriptions are \$33.00 per year by air. Sample issues are available free on request.

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Purpose

Antique Radio Classified is published for people involved in the radio collecting hobby. Its purpose is to stimulate growth of the hobby through the buying, selling and trading of radios and related items, and to provide a monthly forum for the interchange of ideas and information.

Writing to Antique Radio Classified

All correspondence should be sent to:

Antique Radio Classified
P.O. Box 2, Carlisle, MA 01741.

Your ads, renewals, letters, etc. can be handled faster and more efficiently if (1) each is on a separate page or card and (2) your name, address and SUB# is written on each.

Unfortunately, A.R.C. is not staffed to answer letters with questions about antique radios or requests for advice. However, A.R.C. does solicit letters of interest to its readers and will publish them as space permits.

Guarantee

You may cancel your subscription at any time and receive a pro-rated refund of that part of your subscription not yet mailed. If requested, errors in classified or other ads which are due to A.R.C. will be rerun in the next available issue free.

Change of Address

Please notify us 4 weeks in advance of a change of address in order to receive uninterrupted copies of A.R.C. Please include your old address, SUB# and expiration date along with your new address. Note when the new address is effective. Temporary address changes can be made also.

Display and Business Card Ads - Details and Rates

The deadline for artwork and payment for display and business card ads is the first of the month. Payment for continuation of ads also should be received by this date to insure the continuation of your ad. Late ads will be run only if space and time permits.

As artwork is reduced to 63% in the printing process, originals should be the artwork size listed below. Ads should be typeset or typed neatly with a carbon ribbon. If you want us to prepare your ad, include the optional cost for layout listed below. Minor changes will be made to ads sent in or already running for a \$2.00 charge.

Page	Artwork		As Printed		Cost		Optional Cost for Layout
	H x W (inches)	H x W (inches)	H x W (inches)	1-month	3-months		
Full	10 1/2 x 7 1/2	6 5/8 x 4 3/4	6 5/8 x 4 3/4	\$45.00	\$121.50	\$20.00	
1/2 H	5 1/4 x 7 1/2	3 5/16 x 4 3/4	3 5/16 x 4 3/4	22.50	60.75	10.00	
1/2 V	10 1/2 x 3 9/16	6 5/8 x 2 1/4	6 5/8 x 2 1/4	22.50	60.75	10.00	
1/4	5 1/4 x 3 9/16	3 5/16 x 2 1/4	3 5/16 x 2 1/4	11.25	30.37	5.00	
1/8	2 5/8 x 3 9/16	1 5/8 x 2 1/4	1 5/8 x 2 1/4	5.75	15.52	3.00	
Business Card	1 5/8 x 3 1/2	1 x 2 1/4	1 x 2 1/4	3.90	10.50	2.00	

Photos should be at an 85 line screen. When A.R.C. is preparing the ad, add \$5.00 per photo. Write A.R.C. with your ad ideas, and we will be happy to give you an estimate as to how much the ad will cost and/or recommend an ad size, etc.

Advertising in A.R.C.

Each subscriber is entitled to one 20-word classified ad free of charge each issue; multiple insertions of the same ad are limited to two consecutive months. Boxed-classified ads, display ads and business card ads do not have the multiple insertion limitation. Display ad details appear below; classified ads details are on the inside back cover.

Payment

All payments must be made in U.S. funds; checks drawn on a U.S. bank or money orders are preferred. Make check out to "A.R.C." U.S. stamps or cash are OK for small amounts. Canadian payers may send a Canadian check in U.S. funds, but must add \$1.00 (U.S.) for conversion costs. Traveler's checks made out to A.R.C. are acceptable also. On request, subscriptions will be pro-rated to amount sent, provided the term is at least one year.

Please send in full payment with your order or ad. A.R.C. does not carry accounts; all subscriptions, ads, etc. must be prepaid.

Submission of Material

Antique Radio Classified welcomes and solicits any information that pertains or relates to the radio collecting hobby. This may include material such as articles, upcoming radio events, meetings, radio books and publication reviews, new radio clubs and organizations, radio auctions and price reports, sources of old radio and restoration supplies, and any other material that would be of interest to the hobby. All material submitted should be typewritten and verified for accuracy. Unless prior arrangements are made, all submitted materials become the property of Antique Radio Classified and will not be returned.

Mailing of Antique Radio Classified

A.R.C. is available by subscription in the U.S. either by First Class or Second Class mail. First Class copies usually are received by the first of the month; copies by Second Class mail, by the tenth. The mailing of First Class copies is staggered, with those living farthest away mailed on the first day, and local copies mailed the last day. All non-U.S. copies are mailed on the first day. All Second Class copies are mailed on the last day. Mailing is usually completed by the 25th of the month.

Fine Print

The publisher is not responsible for any buying and selling transactions incurred, or for any other use of the contents of this publication.

Antique Radio Classified subscription and ad rates are subject to change, as well as frequency of publication, content and size.

Ethics

All persons involved in the production of A.R.C. are not to act on any information in the magazine until they receive their regular subscription copy in the mail.



RENEWALS DUE*

(*for two-third's of you)

Please look at your mailing label; if it says EXP=AUG87,
turn to page 15 for renewal information!

EDITOR'S COMMENTS

The July issue each year is *Antique Radio Classified's* Renewal Issue; for the last two years, the banner "RENEWALS DUE" was on the cover. In A.R.C.'s first years, all subscriptions expired with the August issue, but since subscriptions are now taken on a rolling basis, only two-thirds expire on A.R.C.'s publishing birthday this year. So for two-third's of you, most who have been with A.R.C. since its first issue in 1984, renewal time is here. Turn to *Renewals Due*, page 15 of this issue, and renew now....before you forget.

I hope that you will take advantage of the early renewal bonus. If you renew now before the end of your expiration month – the month printed on your mailing label, you will receive an extra bonus issue, 13 issues instead of 12. If you renew early for two years, you will receive 26 issues instead of 24.

With the September issue, A.R.C. will enter its fourth year of publishing; the September issue will be the 38th issue. Five issues were published in A.R.C.'s first year, 1984, a sample issue in June, with regular monthly issues starting in September. From that first 16-page sample issue, A.R.C. has grown to a regular 36-plus page monthly, with occasional larger issues and color covers. With your continued support, A.R.C. will continue as antique radio's leading monthly publication.

The lead article this month is the second article from Norman Braithwaite on his restoration of an E.H. Scott 48-tube receiver. Frank Heathcote, in his *Collectors Corner*, gives us a bit of background on Electrical Research Laboratories (ERLA) and then features its Model 22P, a mantel clock radio. Over 40 unusual novelty items – including banks, puzzles, games and even a cake mold – are illustrated in the *Collecting Radio Novelties* article by Gary Schneider. The popular *Photo Review* includes short notes by Robert Lozier on adding FM to your old console and an item by Richard Arnold on the UX-200A tube.

Thanks for the many nice comments on last month's cover color photo. Several months of planning and the joint efforts of many made the June cover possible. I hope that you did not expect to see a color cover on A.R.C. this month; I plan to run one or two each year. Write if you have any

colorful items appropriate for a cover.

While this issue is being printed, I will be attending the Antique Radio Club of America's meet in New Carrollton, Maryland. In July, I will attend the New England Wireless and Steam Museum's "Radio and Steam-Up Meet" in Rhode Island, and in August, the Radiofest in Illinois. I hope to see many of you at these meets. Please continue to send announcements and information of your meets, other events, and your clubs. Although I receive newsletters from many clubs, the information is often too late for A.R.C.'s deadline. To be assured of a listing in the issue the month of your event, send the information by the first of the month prior to the month of your event. Sorry, A.R.C. does not list hamfests, book fairs, antique shows, etc.; only antique radio events are listed on the club event pages although hamfests and other events are often a great place to locate radio items.

Response to the HRO questionnaire in last month's issue has been very good. If you have an old HRO receiver, pull out the centerfold of your June issue and complete it so that Charles Fisher can have as broad a sample as possible for his study.

I hope that you enjoy the meets this summer and also enjoy this July issue.

John V. Terrey



ON THE COVER

The cover this month is a photograph of the illustration on the game board of the "All Fair" Radio Game: "Toonin" (™ Alderman, Fairchild Co. of Rochester, New York.) The game is from the novelty collection of Gary Schneider. In the December 1984 issue of A.R.C., several other games from his collection were pictured. Additional novelties from his collection are featured in this issue. Gary is anxious to hear from other novelty collectors who might have games and/or other novelties for possible acquisition to his collection.

WITH THE COLLECTORS

The Scott 48-Tube Custom Receiver Chassis & Operation

By Norman S. Braithwaite

How does one put together a radio which consists of six chassis, six speakers, 48 tubes, two automatic record changers, a record cutter, and a microphone? The E.H. Scott Radio Laboratories assembled one in 1936, but they left relatively few clues for the rest of us. Old Scott Company literature indicates that two of the 48-tube receivers were built for customers in California. Neither of these have been found complete. A couple years ago a third Scott 48-Tube Custom Receiver was found in the state of Washington (ARC February 1987). The author has been restoring this set and is currently near completion. This article describes the assembly of the set, chassis functions, set operation, and tube functions.

So, how do I put together a radio which consists of six chassis, six speakers, 48 tubes, etc? Let me start with what we have given:

- The original phonographs and record cutter,
- Three original chassis; the recording amp, the microphone preamp, and the relay and filament supply,
- One original speaker,
- A tuner and a crossover chassis from a Scott Quaranta (Italian for forty; this was a 40-tube Scott receiver using some of the same chassis as the Scott 48) or Scott 48 which was updated by the Scott Company later in the 30's.
- A power amp chassis from a Quaranta or Scott 48 with 58 extra holes (the amp was converted to a Williamson circuit in the early 1950's by a Hi-Fi hacker).
- Scott literature describing technical aspects of the circuit and operation to the lay person.

— A few promotional pictures of the chassis and cabinets included in the literature.

— Two more complete Scott Imperial (23 tube) chassis with power supplies and speakers for parts!

The first step is easy. The original chassis and equipment needed only to be rebuilt and replaced in the set.

The tuner chassis was also reasonably easy. Scott literature from late 1935 indicates that the Quaranta and the Scott 48 Tuner chassis were standard Scott Imperial tuners with only minor modifications. The modifications consisted of the addition of a volume range expander to the tuner chassis and replacing the tuning meter with a tuning indicator tube. This tuner chassis was again produced on a limited scale in late 1936 and is known as the 1937 Imperial. Since I had two of the 1937 tuner chassis plus the modified Scott 48 tuner chassis, restoring the tuner chassis was relatively simple. I used a badly rusted and partially melted 1937 tuner chassis as a wiring diagram (no schematic is available for this tuner chassis) while I disassembled, replated, and rebuilt the other 1937 tuner chassis. After completion, I parted out and sold the remaining tuner chassis.

The power amplifier chassis was a little more difficult. Scott literature indicates that the power amp was set up to amplify the highs and lows separately. Pictures indicate that the power amp is very similar to two Imperial amplifiers side by side on a single chassis. Reason, along with holes in the heavily modified chassis, indicated that the 10 kc attenuator was only used on the high frequency half of the amp. The problem was that there were 58 extra holes (as best as I can figure) which appeared on the chassis in

the early 1950s. Again, there is no schematic available; however, it is not difficult to figure out from information available. I drew some wiring diagrams for this chassis and removed all the components. I then carefully analyzed all the holes to determine which were original and which were added. I made numerous drawings showing the holes as found, holes believed to be original, and holes to fill. After this, it was off to the fabrication shop, one which had an individual who must be patient, like small jobs, and would not let the chassis warp when welding. When I get this chassis back with new chrome, I will replace the components to complete its restoration.

I have not started the restoration of the crossover chassis as of this writing. I believe it will be less difficult than the power amp. The Scott factory modifications to this chassis are relatively simple and straight forward. Additionally, I have an "as found" schematic of this chassis drawn by Roy Burnett, a California radio collector.

An interesting point concerning the Scott 48 is that a substantially complete set of chassis can be built from three complete, working Scott Imperial chassis (one being a 1937 version), a few extra speakers, and lots of labor.

With the chassis being complete, the next step is connecting them together (electrically). One might think this would be relatively easy. Just plug the tuner cord into the crossover chassis, plug the crossover cord into the power amp chassis, etc. Unfortunately, through all of the modifications, few of the original plugs and sockets have survived. Further, of those which did exist, wires were removed and changed. The fact that there was a relay power supply indicated that some remote switching was necessary. Where does the recording amp receive its signal from? Where do the tuner and crossover chassis receive their power from? These and numerous other questions came to mind. Through some intense detective work I have determined how the chassis were wired and how the set operates. As a result, every wire in the cables has a specific and reasonable purpose. Although there is some possibility the set could have been wired differently, it is not very likely.

The set is wired as shown in figure 1. The relay supply (which also includes a filament supply) is used to keep all AC current out of the long cord between the crossover chassis in the radio cabinet and the power amp chassis in the speaker cabinet. A DC signal activates a relay in the power amp to turn the amp

(Continued on following page)

E.H. SCOTT 48-TUBE CUSTOM RECEIVER

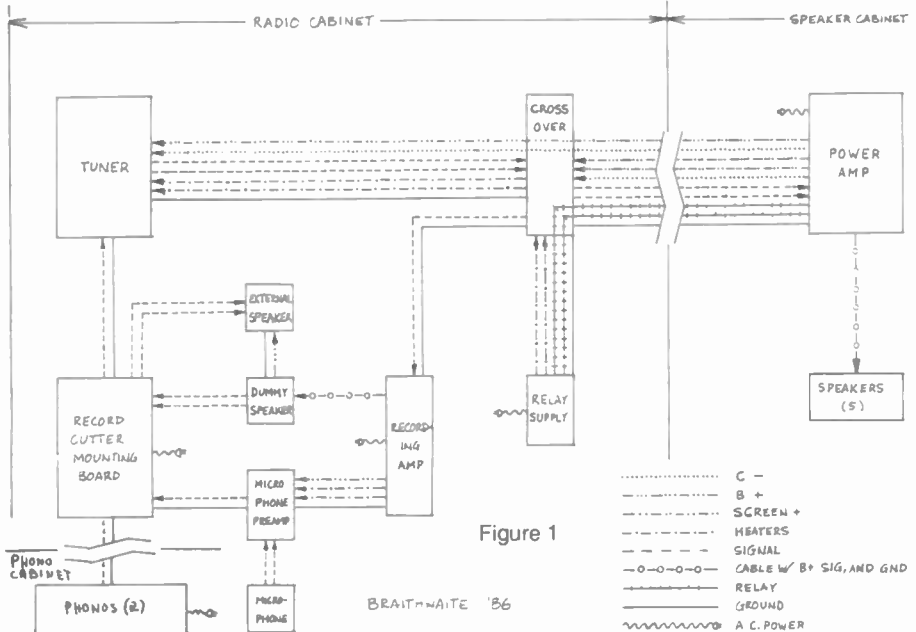


Figure 1

on when the radio is turned on. Additionally, the filament voltage for the tuner and crossover is supplied from the relay supply chassis rather than the power amp chassis. The direct current power (B+, Screen+, C-) for the tuner and crossover is supplied by the power amplifier. The recording amp generates its own DC power from the AC line. The microphone preamp also receives its DC power from the recording amp.

Operation is as follows:

Radio: The signal goes from the tuner chassis, through the crossover chassis, to the power amplifier chassis and the speakers.

Phonos: The signal goes from the phonograph, through a master control switch on the record cutter mounting board, to the phono posts on the tuner chassis. From there, the signal passes as the radio signal does.

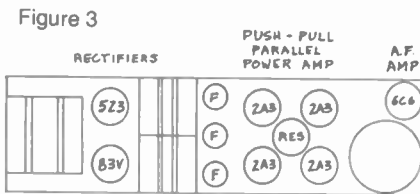
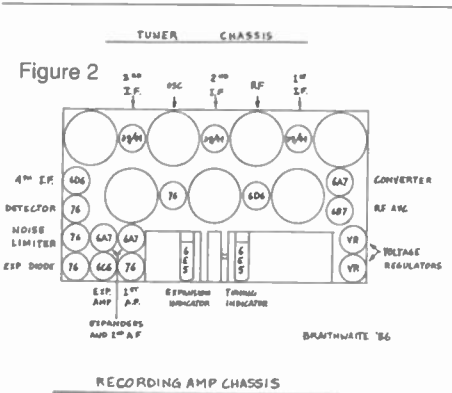
Microphone: The signal goes from the microphone, through the microphone preamp and master control switch, to the tuner, and then as the radio signal does.

Recording: The recording amplifier receives its signal from an equal combination of the high and low outputs of the crossover chassis. This combination of signals is accomplished within the crossover chassis. The signal exits the recording amp, passes through the output transformer on a dummy speaker (voice coil disconnected) and drives the cutter head.

What would one use the record cutter for? In a 1936 letter from Mr. Scott, he suggests:

- " (a) Making a record of a particularly fine radio program; a symphony for instance, or an important political talk.
- (b) Recording foreign station programs.
- (c) Recording baby's first words.
- (d) Recording Junior's piano or violin playing.
- (e) Recording friends, parents, or your own voices."

So, if you wanted to record your child's first words, the signal would come from the child and go to the microphone, to the microphone preamp, to the master control switch, to the tuner, to the crossover, to the recording amp, to the dummy speaker, and finally, to the record cutter! Quite a maze. When you play back the child's first words, the signal is derived in the phonograph and passes to the master control switch, to the tuner, to the crossover, to the power amp, to the speakers, and finally to the child's ears! How about that!



To give you an idea of the mammoth size of the speaker console for the Scott 48-tube custom receiver, the author is shown sitting inside it.



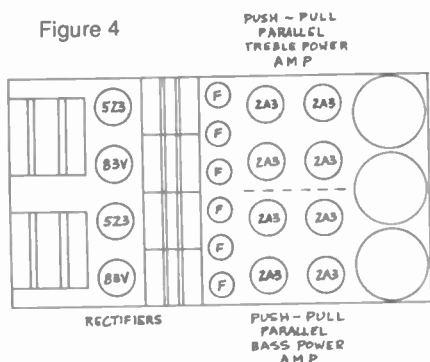
The external speaker was controlled by a T-pad located on the record cutter mounting board.

Tube functions and placement are shown in figures 2 through 6. The microphone preamp contains the only octal tubes used in the set. This preamp is identical to those used in some special Philharmonic combinations. The 40-tube Quaranta was similar to the Scott 48 but had no microphone or record cutting facilities. This leads to an unanswered question; how did the Quaranta have 40 tubes when only 39 are left when removing the microphone preamp and recording amp from the Scott 48? Scott counted the voltage regulators and rectifiers, so we must also.

If you have an answer to the 40-tube mystery, send your thoughts to: Norman S. Braithwaite, P.O. Box 2443, Redding, Ca. 96099. He may also be contacted for advice relating to the restoration of Scott radios. His next article will cover subjects including: Scott quotes, designers of Scott cabinets, the 40th tube, and more.

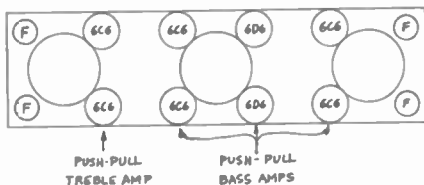
POWER AMP CHASSIS

Figure 4



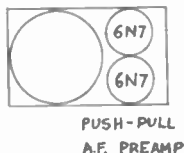
CROSSOVER CHASSIS

Figure 5



MICROPHONE PREAMP CHASSIS

Figure 6



(GBS)

TURBOCHARGE THAT OLD CONSOLE

BY ROBERT LOZIER

Relax... Don't think that this is an article on how to hack up a classic radio simply to make listening more enjoyable. However, if you attach an automobile-type FM-to-AM converter to the back of your set, you can receive better programming. For example, our local nonprofit FM stations have big band record shows, rebroadcasts of radio comedy, drama and big band remotes from the 30's to the 50's. They sound just great coming from my 1938 Zenith console.

These FM converters are usually available new for less than \$15. I frequently find used ones at flea markets for less than \$4.

These converters are designed to be powered by an automobile's 12-volt system, but they will work just fine on 9 volts if a simple mod is made. Then you can use a Radio Shack "black ice cube" type plug-in battery eliminator.

Disconnect the pilot light in the converter. The light pulls much more current than the circuit and greatly increases the power supply ripple. These converters are very sensitive to the ripple.

The only thing that must be done to the circuit is to change the FM output-signal coupling capacitor from the typical 10-to-15 pf. to about 180 pf. You will find this capacitor connected directly to one of the poles of the power switch on the converter. This matches the input characteristics of the typical long wire antenna input on your vintage set.

You should rig up a switch that will disconnect the radio's antenna, and connect it to the converter output. If you keep the regular antenna connected, you will pick up too much background signal which interferes with the FM program.

To use the converter, tune your set to an unused frequency in your area within the frequency tuning range of the converter, usually around 1400 KHz...Adjust the converter tuning slug until you hear the carrier, and tune in an FM station.

The only task left is to find a place to attach the converter mounting bracket along the inside-top-back edge of the cabinet.

Adding such a feature to a set for a noncollector who wants only "one old set in the house" greatly increases the utility of the set, thus increasing the set's value far above cost of materials. And most importantly, you do not alter the set and reduce its value as a collectible item.

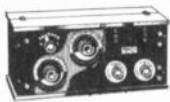


PHOTO REVIEW



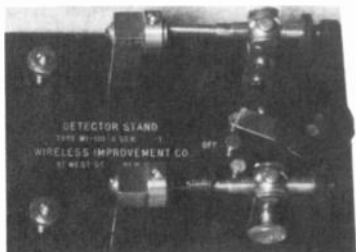
The "Photo Review" column is intended to present in pictorial form many of the radios, speakers, tubes, advertising, and other radio related items in the collections of other collectors. These photos are meant to help increase awareness of what's available in the radio collecting hobby. Photos are solicited from other collectors for use in future issues of A.R.C. Items desired are the more unusual radios and other items related to the hobby (covering the years 1900 to 1940's). Photos must be B&W (any size) and be sharp in detail, preferably with a light colored background. Please include a short description of each item submitted.



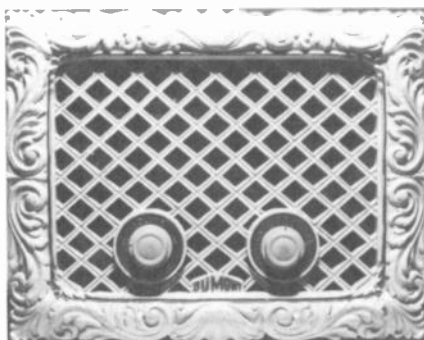
ATWATER KENT - This restored set is a Model 80. It is very similar to the Model 82 as pictured in the March 1986 issue of A.R.C. One notable difference is the shape of the cabinets - the AK-80 has a more pointed top whereas this AK-82 has a curved top. From about 1931-32. Restored by Bob Enemark of Duxbury, Mass. (John Enemark - Topsham, ME)



PHILCO - Not a piece of luggage, but a Philco model "D - 665-124" radio. Operates on batteries or 110 volts AC/DC. (R.A. Hostler - Findlay, OH)

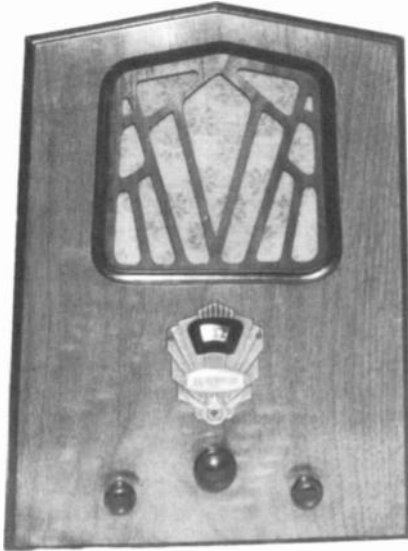


WIRELESS IMPROVEMENT CO. - Double detector stand, Type W1-101-A. Made in New York about 1917. (Jim Kreuzer - Elma, NY)



DUMONT - Model RA346, it is a conventional 5 tube set in a cabinet designed to be built into a wall. It is a white composition material on the front with gold colored trim, lettering, grill cloth and cabinet. (Greg Farmer - Minneapolis, MN)

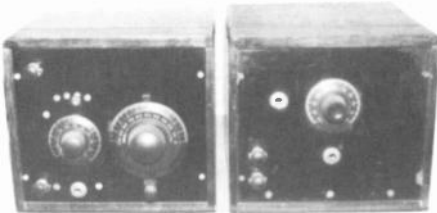
PHOTO REVIEW



DEWALD - By Pierce-Aero, Inc., N.Y., Circa 1930, chassis #524. Typical of sets from this era, this TRF consist of three 24's, one 45 and one 80 along with a dynamic speaker. The cabinet measures 17 1/2" high, 13 1/2" wide and 9 1/2" deep, available in a light or dark walnut and a similar but somewhat fancier cabinet with overlays and a scalloped top. Radios under the name of Lafayette and Robinhood also used this same chassis. (John Miller - Lexington, KY)



RADIOLA - Shown is a standard Radiola III with Balanced Amplifier in a factory case labeled "ARCO," complete with built-in wooden horn and room for batteries. I have ads for a Radiola IIIA in this type of cabinet but have never seen a Radiola III and Balanced Amplifier type configuration. (Walter Worth - Wollaston, MA)



RECEIVER & AMPLIFIER - On the left is a one tube receiver made by Tri-City Radio & Electric Supply Co. Model shown on tag inside reads "W-1". Panel size is 7" x 6 1/2" and on the inside, mounted on the panel, is the tube socket which contains a 199 type tube. Spider web coil, rheostat, and variable condenser also are attached to panel. There is metal shielding between the dial and variable condenser. Shown on the right is a two tube amplifier which looks like it was made to match the receiver. But, it was made for Montgomery Ward Co., and the tag is on inside the lid to show battery hook-up. The tag on the inside of the back shows "Made by Pfanstiehl Radio Service Co., Highland Park, Illinois (factory - Waukegan, IL)." This was their model "P-2". (David McKenzie - Eustis, FL)



RCA - Model AVR-5, 5-band receiver made 1933 to 1934. This 9-tube set was built for the Navy and is painted battleship gray over pine plywood. It is one of the earliest sets that used a BFO to receive CW signals. The tube line-up: 3-58's, 1-53, 2-56's, 1-2B7, 1-2A7; 1-80. (Bill Moore - Huntsville, AL)



COLLECTING RADIO NOVELTIES

The August 1986 and April 1987 issues of A.R.C. featured some of the radio-related novelties in the collection of Gary Schneider of Cleveland, Ohio. This month are pictured two more pages of novelties in his collection along with the photo descriptions as listed below.

Do you have a radio-related novelty in your collection? Why not send A.R.C. a photo and description for use in future "Collecting Radio Novelties" columns.

1. Group of five matchbook covers, including AK & Crosley, ca. 30-40's.
2. Cigarette dispenser in shape of a battery radio, made of wood, 1926.
3. Wooden cigar box called "Radio Brand," age unknown.
4. Cardboard box - "Radio Pens" (replacement tips for fountain pens).
5. Cigarette dispenser and music box in shape of a 1940's (?) radio.
6. "Wireless" brand ice bag from 1920's (?).
7. Console radio-shaped bank, 3" high, made of a soft metal.
8. Ever-Ready "Radio Steel" razor blades from 1920's (?).
9. Matchbox holder, labeled General Electric, made of tin.
10. Punchboard gambling device titled "Radio," 1920's.
11. Novelty - "The Smallest Receiving Set," made of wood, 1930's (?).
12. Novelty - "The Smallest Receiving Set in the World," made of wood, 1930's (?).
13. Ink blotter (?), pressed wood in shape of a cathedral radio.
14. Match cover holder titled "Westinghouse," brass-plated tin.
15. "Radio Tube Trick" puzzle by A.C. Gilbert, metal frame, glass top.
16. "Wireless Brand" pinochle playing cards, age unknown.
17. Cake mold in shape of a 1920's battery radio, made of tin.
18. Wooden Bank in shape of a console radio, about 4" high.
19. The "Radio Puzzle," made in England, similar to A.C. Gilbert type.
20. "Radio Rex" toy, loud hand clap ejects the dog out of dog house.
21. "Game of Radio," same size as a deck of playing cards, 1920's.
22. Novelty in shape of cathedral radio; turn knob and a spring jumps out.
23. Group of seven postcards, radio and novelty types.
24. "World-Mike Broadcaster" toy microphone, only 3/16" thick.
25. "Radio Queen" cigar label, lithograph from 1922.
26. Console radio-shaped doll house radio, 3 1/2" high.
27. Candy container in shape of a battery radio, made of metal.
28. "Radio Strop Dressing," something that was used for shaving (?).
29. "Radio Ring Game - Tune In;" toss rings onto antenna towers, 1920's.
30. Group of drinking glass coaster holders shaped like cathedral radios.
31. "Radio Automatic Rug Needle," some type of sewing device.
32. Group of eight pin-back buttons, various radio themes.
33. RCA cardboard advertising fan from the late 1920's.
34. "Radio - A Better Jacket," original box that contained a jacket.
35. Wooden bank shaped like a console radio, about 5 1/2" high.
36. Bubble gum dispenser shaped like a cathedral radio, age unknown.
37. Christmas tree ornaments depicting cathedral radios, modern items.
38. "Radio Waver" - a device for curling hair, from 1920's.
39. "Master Canary - The Radio Singer," a wooden bird cage.
40. James Beam Bourbon Whiskey, cathedral-shaped Regal China, 1979.
41. "Listen-In" sheet music, framed under glass, about 1925.
42. Cigarette dispenser, wood design in shape of cathedral radio (?).
43. "Radio Toy" by Kirby Mfg. Co., made of tin, with fake headphones.
44. Cardboard fan - lady listening to a 1920's battery set.

(GBS)

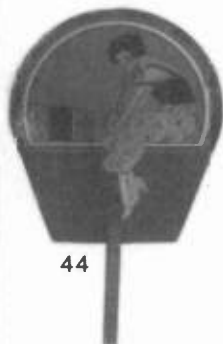
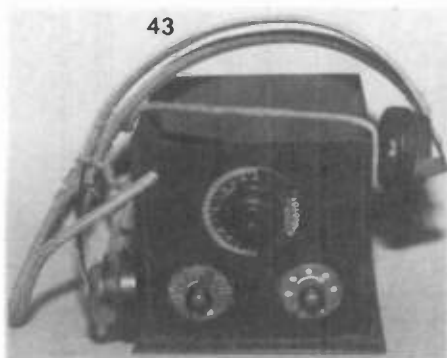
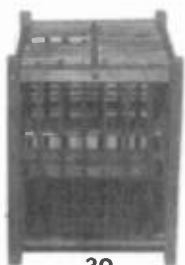
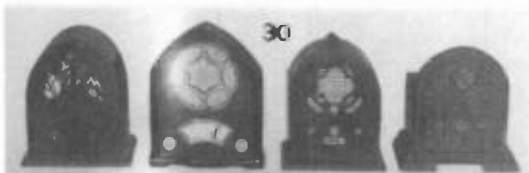
COLLECTING RADIO NOVELTIES



From the collection of Gary B. Schneider - Cleveland, Ohio



COLLECTING RADIO NOVELTIES





COLLECTORS CORNER

CONTRIBUTED BY: FRANK HEATHCOTE, 1235 N. 3RD ST., LOGANSPORT, IN 46947

Electrical Research Laboratories Inc. Model 22P

By Frank Heathcote

One of the favorite sets in my collection is the ERLA Model 22P mantel clock radio. I bought it at an old radio auction a number of years ago in Georgia. Compared to the high prices most sets were going for, this little jewel was quite reasonable. It was made all the sweeter when I learned that an absentee bidder had placed an incredibly high bid on the set, but the surrogate bidder was called away. In the meantime, the auctioneer, who had been selling sets separately, grouped a bunch together and by the time the fellow came back the ERLA was mine. It had made my day as I had driven from Indiana to Georgia in hopes of getting the set and an unusual advertising piece for a collector friend.

The ERLA Model 22P was manufactured by the Electrical Research Laboratories Inc. of Chicago, Illinois. The company was founded by George Pearson, an auto distributor, in the early 20's. ERLA was doing pretty well by the mid-20's, and is best known for its Monodic battery TRF sets. The company was sold to Greene-Brown, makers of B-Eliminators, in 1928. ERLA went belly-up in 1930 and was re-organized as a private company in 1931, operating under the "Sentinal" trade name (used previously by United Air Cleaner Corp.) after 1934. The corporate name remained ERLA until 1945, making many private-brand sets. The company had moved from Chicago to Evanston in the late 30's, and was sold to Magnavox in 1956.

ERLA was one of the first, if not the first, radio manufacturer to introduce a mantel radio with a built-in clock. It was a 7-tube TRF using push/pull 71A's in the output stage. It was introduced in the summer of 1930 at the latest. The model 22P was introduced in the October 1931 issue of *Radio News*. It sold for \$39.50 with clock, or \$29.75 without, and was also available in 110 volt D.C. versions. The A.C.



ERLA Model 22P

model 22P uses four tubes in a TRF circuit; a type-35 in the RF stage, a 24 detector, a 47 output, and an 80 rectifier. It is very similar to the model 335 in Rider's Volume I, with the exception of a 47 in place of a 45 output tube. The model 22P is not in any Rider manual. The D.C. version uses two 36's and two 38 tubes.

The model 22P was one of the earliest radios to use a horizontal full-vision tuning dial, which was to become almost an industry standard 10 years later. The dial strip is angled at 45 degrees to make viewing easier and is also lighted. Another unusual feature for such a small set is the use of an eight inch speaker. The set is only 13" high, 13" wide, and 9" deep but weighs a surprising 21 lbs. The chassis is made of heavy gauge steel and the tuner is fully shielded. The cabinet is made of walnut veneer except for the arch and the base which are stained popular. The speaker grille, which also holds the clock, is of a

(Continued on following page)

molded substance, similar to Crosley's "Repwood" and although it looks very fragile, it has held up very well. A self-starting Telechron clock is used.

Reception for a 4-tube TRF set is very good. It has no trouble picking up and separating WLW Cincinnati on 700 KHz and WGN Chicago on 720 KHz at a loud volume on an indoor long-wire antenna. Our local station on 1230 KHz blankets 40 KHz either side. Tuning is direct so the entire dial is covered by a 1/2 turn of the knob which makes pin point tuning a bit difficult.

As are most mantel clock radios, the ERLA 22P is a very desirable set. ERLA sets are very hard to find information on. Many models are not covered in Rider manuals and most, if not all, ERLA radios in my collection have no model identification on them. ERLA also made many private brand sets under various trade names such as Tone Master, Ramway, Sky Rover, Templeton, and more.

I wish to thank Alan Douglas of Pocasset, Mass., for his help on the historical background of ERLA. The next installment of Collectors Corner will feature the Zenith Model 288, an 8-tube short wave table set of 1934. (Frank Heathcote)

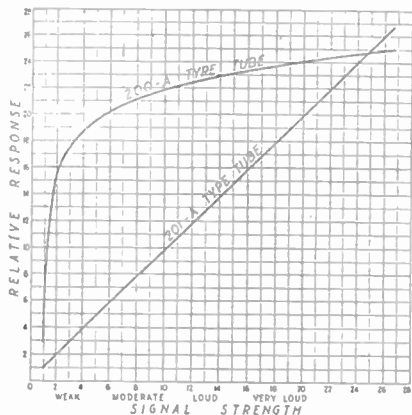
(GBS)

THE UX-200A TUBE

BY RICHARD ARNOLD

In February of 1927, the Popular Science Institute of Standards was testing a new super-sensitive detector tube, the UX-200A. The outstanding feature of this new tube was its ability to amplify distant hardly recognizable stations six to twelve times louder than the 201A or 301A tubes then in use.

The chart shows how the new tube excelled on amplifying weak signals. As the strength of



Curve Shows How Tube Excels on Weak Signals

Fig. 1. For reception of local broadcasting where the signal strength is great, the standard 201A tube is usually adequate, but when you want to bring in distant weak signals with loud-speaker strength, the new 200A detector tube is far better. On weak signals it is more than equivalent to an extra stage of radio-frequency amplification when used under proper conditions

of weak signals by connecting the detector grid return wire from the plus side of the filament to the negative side of the filament to the negative side. Changing this connection in this manner almost doubles the volume obtained.

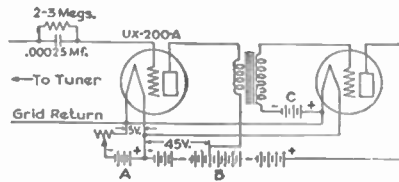
Still further improvements can be made by adjusting the detector plate voltage to 28-30 volts. However, 45 volts is the maximum recommended.

The 200A does have one peculiar characteristic. It hisses quite loudly for about a minute after being turned on. However, this fades and does not become a problem in the quality of the audio reception.

Using the tube in the detector stage will be like getting another, or extra, stage of radio frequency amplification. No changes are needed to your filament control circuit. Just take out the 01A you are using, put in the 200A, and enjoy the difference. I use mine in my AK 20 deluxe, and I can really hear the vast improvement.

the received signal became louder, the curving line that represents the new 200A approaches the line of the 201A, so that by the time the signal has reached the same loudness, such as would be received from any local station, there would be little difference between them.

You can increase even more the detection



Detector, Transformer Coupled

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(*for two-thirds of you)

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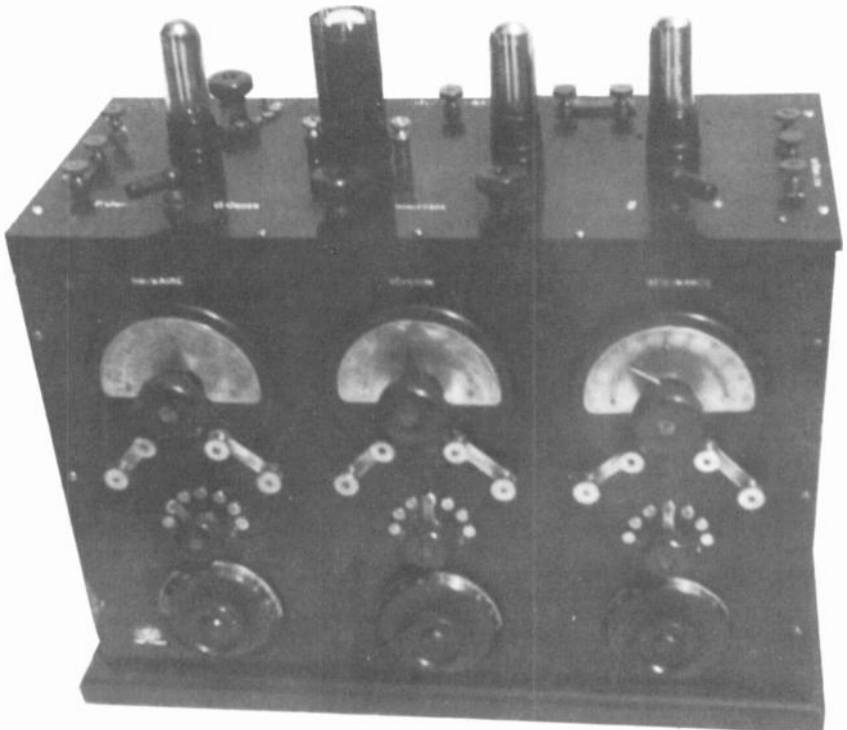
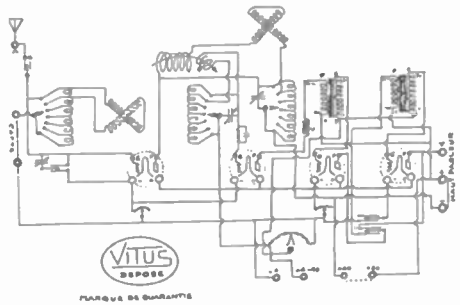
WITH THE COLLECTORS

VITUS RADIO RECEIVER - built and used in France for World War I Armed Forces. The circuit is a combination of several different types in which a tuned antenna stage is fed into a tuned R.F. stage variometer and tuned condenser, feeding a variometer and condenser tuned detector, a loading coil variometer and tapped switch facilitating both short- and long-wave reception. The battery-operated set uses Western Electric VT-1 tubes. The receiver and all parts, except tubes, are original as used in service on the battlefield 68 years ago. CX-299 tubes are now used as they are as close in characteristics to the original as obtainable. The gain and volume are exceptionally good, necessitated by being used against the battle noise, as it was used with observation kite/balloons directing cannon fire by the gunners.

The age of the receiver is judged to be somewhere between 1914 to 1917. The authenticity of the history of the receiver was verified by Dr. M.G. Houghton, who served as a medic in the front lines of the three great

American exploits that turned the German dream of victory into a humiliating defeat. Dr. Houghton brought the radio back along with his medical equipment on his return from France.

Accompanying is a schematic of the receiver. This receiver is part of the Ira L. Withaus radio collection. (Ira L. Withaus, 310 E. Walton, Warrenton, MO 63383)





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FOR SALE: Kennedy V - \$285. Hyatt Portable - \$80. RCA Radiola V - \$300. RCA RADA - \$135. Plus UPS. Barry Janov, 2434 Dempster, Suite 112, Des Plaines, IL 60016. (312) 299-1400

WANTED: Hammarlund SPC-10 and/or HC-10 SSB converter(s). Frank Orcutt, 2214-1/2 Santa Clara, Alameda, CA 94501. (415) 865-9349

FOR SALE: Philco #16 cathedral - \$150. Atwater Kent #30 - \$125. Gonset II - \$15; Gonset IV - \$25, both 2 meters. Joseph Schwartz, 11 Windham Loop, #1JJ, Staten Island, NY 10314. (718) 698-8069

WANTED: National MCS speaker. Squires-Saunders SS-IR receiver. HRO-60 coils & accessories. Steve Barnes, K6PFW, 848 N. Silverwood, Upland, CA 91786

WANTED: Fixed & adjustable grid leaks, must have manufacturer names, with & without mountings - Honeycomb coil mountings. Fixed crystal detectors - Burke crystal detector that fits on V.T. socket, phone plugs. All of the above in any quantity. Please write with prices asked. Peter Dieguez, 36-48-34th St., L.I.C., NY 11106

FOR SALE: What is it? Want to buy it? It's some kind of remote control. It's brown plastic. It's old. It has 8 pushbuttons and 1 potentiometer. It has a 15' flat cloth cable ending in an 11-pin plug. John Aikin, 3605 Overhulse Rd. NW, Olympia, WA 98502. (206) 866-8407

WANTED: Rider's Radio Manuals. Roland Matson, RFD#1 Box 2943, Kennebunk, ME 04043

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WANTED: Premium price paid for Tower adventurer sailing ship speaker, also for similar smaller ship speaker made by Jodra. Gordon Wilson, 11108 - 50 Ave., Edmonton, Alberta, Canada T6H 0H9

FOR SALE: Good used P.M. speakers and tubes: 3" to 6" - \$2; 8" to 12" - \$4; 24, 26, 27, 35, 80 tubes - \$1.50; 45, 47, 484 - \$5. Inquire about ElectroDynamics and other tubes. Add UPS. George Hausske, 1922 E. Indiana, Wheaton, IL 60187. (312) 668-3845

WANTED: RCA Victor Models 16X11, 16X3, 16X13, 16X14. Good, complete, working. William V. Chapin, 310 Bentley Way, Fayetteville, GA 30214

FOR SALE: 50-year collection vacuum tubes - low prices. Replacement power transformers - \$10 to \$20, depending on size. New canned electrolytic capacitors - \$3 ea. Milton Levy, 2833 Junction Highway #15, Kerrville, TX 78028. (512) 367-4741

WANTED: Glass dial for Philco 40-180, etc., P.N./27-5508, brown background, white lettering, 8 7/16 x 2 7/16. For Philco 86 need Philco emblem (or whatever?) in front of speaker, also need good lid. Need Rider's Vol. 23. W.D. Huneycutt, Rt. 1, Box 189-A-20, McBee, SC 29101. (803) 332-5928

CLASSIFIED AD DEADLINES
Jul. 10 for Aug. 1987 Issue
Aug. 10 for Sep. 1987 Issue
Sep. 10 for Oct. 1987 Issue

FOR SALE: AK Tombstone Model 545. Columbia Cathedral Model C-80A. AK Breadboard Model 10C. Best offer. Russ Schoen, E7340 Nietzsche Rd., Clintonville, WI 54929

WANTED: Westinghouse RF amplifier AR, antenna tuner RE, crystal detector DB, Aeriola audio amp. Radiola RS receiver. Clapp-Eastham HR, ZRV. Crosley Trirdyne, Trirdyne Special, & Portable 51. Charles W. Rhodes, Journey's End Rd., South Salem, NY 10590. (914) 533-2503

FOR SALE: Excellent brown bakelite cabinet for Zenith chassis 4-B-313 - \$10. Motorola 6ST61 AM/SW, works - \$25. RCA Victor tombstone, 3-band, works, refinished, nice set - \$75. Sparton Model 67, AM/SW tombstone, untested, nice cabinet - \$45. Philco 623 tombstone 6-volt farm set, untested, needs a dial scale - \$25. All sets plus UPS charges. James M. Seal, 3309 Boatman's Mountain Rd., Morristown, TN 37814. (615) 581-8269

WANTED: Please help - someone to rewind small winding on an antenna coil. Russ Schoen, E. 7340 Neitzke Rd., Clintonville, WI 54929

FOR SALE: Freed-Eisemann FE-15, VG. Silvertone, Neutrodyne, exc. Crosley XJ, poor. Eric J. Bilney, 911 Fargo Ave., Spirit Lake, IA 51360. (712) 336-2490

CLASSIFIED ADVERTISEMENTS

WANTED: Power transformer for 23-tube Scott Imperial, or source for rewinding. Generous cash or trade. Don Johnston, RR1 Box 218-A, Windfall, IN 46076. (317) 945-7735

FOR SALE: Stromberg Carlson neotrodyne receiver Model 1-A - \$175. Philco table radio Model 48-200 - \$20. Two homemade cabinet radios made in 1920's, pictures available. - \$25. each. Dumont battery operated freq. meter - \$20. Army volt-ammeter test set, 10 & 20 volts, 30 & 60 amps, metal cabinet - \$15. Plus UPS shipping. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

WANTED: Line cord resistance for a Farnsworth 3-way portable. Uses a 35Z5 rectifier. Jerome J. Seurer, 308 E. Bank St., Fond du Lac, WI 54935

FOR SALE: Michigan one-tuber, exc. - \$175. Tri-City W-6, exc. - \$150. Wards (Tri-City), exc. - \$100. Add UPS. Bryan Laughlin, P.O. Box 10081, Rochester, NY 14610. (716) 889-2341

WANTED: Metal enclosure AK F-2 speaker, long tubes cover for both AK 55 & 55C. Edsel Erwin, 1513 E. Houston Ave., Fresno, CA 93710

FOR SALE: AK 20. Freed-Eisemann, Zenith & RCA tombstone Knight starroamer. Wood and Bakelite sets. Headphones. **WANTED:** Crystal sets & info. on Bristol amplifier. Little Gem. Masterphone Co. Globe Navigator radio in globe. John Wilson, 220 Sunset, Iowa City, IA 52240. (319) 354-8242

FOR SALE: Radiola #18, all tubes, cab. gd. - \$40 plus postage. Tom Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

WANTED: Tuning condenser for Radiola 60, have dial scale. Also cartridge for RE 45 Victor. Jahan L. Acciavatti, PO Box 231, Southborough, MA 01772

WANTED: Radio News, pre-1931. Radio Retailing, all copies. Larry Solow, WB2DQI, 16 Sleepy Hollow Rd., Saddle River, NJ 07458. (201) 327-2406, evenings

WANTED: Sparton Model 1186 or 1166, chassis complete. Also deco and mirrored glass radios. Ed Sage, 1781 Helene Ct., Benicia, CA 94510. (707) 746-5659

FOR SALE: Medical 21.4MHz shortwave generator, Peerless SW-P5 cauterizer with accessories, 20x15x17 oak cabinet, two HF-120 tubes dated 1939, 75 lb.s. Photos available. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

CLASSIFIED ADVERTISEMENTS

FOR TRADE: Paragon III, excellent. Zenith 3R. Pepsi bottle radio, no label. Zenith prewar Transoceanic with airplane grille. Others. Looking for a Sparton blue mirror set or "Radio-Glo" glass radio. Steve Baron, 435 Park Ave., Lexington, KY 40502. (606) 269-2832

FOR SALE: Crosley 50 & Crosley 52, mint with tubes - \$150 for 50 - \$100 for 52. Plus UPS. George Ambrester, 3084 N. Riverside Dr., Lenexa, VA 23089. (804) 566-1580

WANTED: Control, pointer, & small knob for 1923 Miraco "MW." Thank you. Peter Palm, 4900 Madison Rd., Madisonville, OH 45227. (513) 561-4411

FOR SALE: Drake TR7 service manual - \$20. 75 RCA service manuals 1948 to 1954 - \$1 ea., \$50 lot plus shipping. **WANTED:** DeForest and other old and rare tubes. Note: Whoever it was who called me for Sam #252 for the RCA CT-100, please call if you need it; I finally found it. Frank Brewster, Baxter Springs, KS 66713. (316) 856-3220

FOR SALE: Sprague capacitor resistor analyzer with manual - \$20. Courier "23" chrome chassis C.B. - \$20. Don Reinsma, 720 N. 18th Ave., Pensacola, FL 32501. (904) 433-2309

WANTED: Power transformer & knobs for a Kennedy Coronet Model 42. Four feet for a Radiola 60 case. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635

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90 - 92 - 93 - 96 - 112 - 155 - 246
275 - 312 - 328 - 509 - 511 - 555
558 - 612/812 - 627 - 667 - 708
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Sets must be complete and in at least restorable condition. Contact me in advance with details; pickup may be arranged before Radiofest '87 in Elgin, or I will be at Radiofest '87 to pick up sets.

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FOR SALE: Cheap tubes – 5,600, 1940-1974 era, 1/2 N.O.S. boxed, 1/2 used tested, no list. Any I have – \$3 N.O.S., \$2 used, plus 75¢ postage. Send wants. Antenna only, Zenith wave magnet, 7G605 era – \$10 with postage. Jahan L. Acciavatti, PO Box 231, Southborough, MA 01772. Evenings: (617) 476-3229

WANTED: Aeriola Junior. VT-2. WWI vintage tubes, sets and magazines. Brian Roberts, 3068 N. Evergreen, Pittsburgh, PA 15237

FOR SALE: New 1939 Model 862 Precision multi-range tester has 9" meter with original manual, excellent – \$50. CQ Magazines 1947 thru 1983, complete – \$53. Breting 12 receiver with original manual, real nice – \$125. Ward Becht, 625 Tufts Ave., Burbank, CA 91504. (818) 842-3444

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WANTED: High voltage variable caps. Books and magazines. Send for want list. H. Goldman, RD3 Box 181, Glens Falls, NY 12801

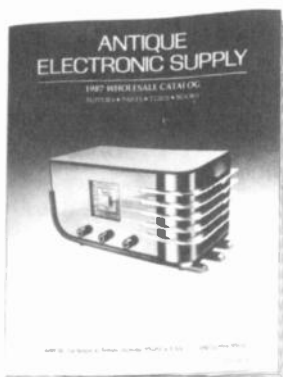
WANTED: Hallicrafters SX28A. Must be in good condition, and working, pref. with speaker. Will reply to all. Also looking for original Hallicrafters catalogs. Thanks! Ed Turner, 3536 Arden Blvd., Youngstown, OH 44511. (216) 782-6757

CLASSIFIED ADVERTISEMENTS

WANTED: Buy/trade AK 50. Kent King, 3637 Liberty Rd., Delaware, OH 43015. (614) 363-3219

WANTED: Star-O-Tone horn speaker, also other horns wanted. Please write. Del Hambly, 1930 SW 139th Ave., Beaverton, OR 97005

FOR SALE/TRADE: I prefer to trade these rare desirable items for Marconi sets or parts, but will sell reluctantly if no trade is possible. Bunnell Quadruplex pole changing sounder – \$250. Bunnell giant sounder 20v and steel lever key – \$300. Bunnell main line relay – \$250. Bunnell box sounding relay and steel lever key – \$350. Bunnell weight register, No. 1 heavy relay and No. 1 key and lightning arrester on black marble base – \$1000. Bunnell automatic 6-position annunciator and burglar alarm – \$500. Western Electric spring register, self starting, ink writing with perfect original glass dome, no chips or cracks – \$1500. Edison stock tikker with glass dome – \$3500. Murdock #500 loud speaker – \$75. Magnavox amplifier Type A1R with horn – \$250. Remler honeycomb coil type QSA 850 1,5000-15,000 meters in one coil – \$50. RADA Westinghouse mahogany cabinet – \$25. 3-tube Pilot Wasp kit, battery S.W. set with 3 201A tubes and set of plug-in coils – \$200. Atwater Kent audio transformer No. 3509, 1st stage - No. 3775, 2nd stage – \$35 ea. Atwater Kent R.F. trans-former 1st stage No. 3802 - 2nd stage No. 3972 – \$35 ea. Phil Weingarten, 67-61 Alderton St., Forest Hills, NY 11374. (718) 896-3545



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WANTED: RCA WA-44B audio generator manual. Teac R-1000 open-reel tape deck operating manual. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (201) 688-2092

FOR SALE/TRADE: Horn speaker collectors! I have various horns, drivers and bases that need companions to make them complete. Would like to communicate with those of you in same boat. Will trade with you or purchase outright your incomplete horn speakers. Let's get together and make those parts into complete speakers. Example: I need drive and base for W.E. #521-W, horn for W.E. #10D. Have Rola driver units. Sonny Clutter, 14330 NE Fremont Ct., Portland, OR 97230. (503) 254-9296, 233-0049

CLASSIFIED AD DEADLINES

Jul. 10 for Aug. 1987 Issue
Aug. 10 for Sep. 1987 Issue
Sep. 10 for Oct. 1987 Issue

WANTED: Early tubes - WD-11, 199, 201 and other pear-shaped (balloon or globe) tubes. Will buy any that test good. George H. Fathauer, Antique Electronic Supply, 688 W. First St., Tempe, AZ 85281. (602) 894-9503

FOR SALE: Six-page copy of Crosley 51 owner's manual - \$2 plus large SASE. Brian Rhodes, 90 Frances Ave., Stanhope, NJ 07874

WANTED: Bakelite and plastic radios with interesting deco or fifties design, 1930's-1950's. Pre-1960's transistors wanted also. Peter Thomashow, 350 W. 20th St., Apt. 4F, New York, NY 10011. (212) 989-0213

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FOR SALE: Steinite Labs crystal set, good condition, works, decal 85%, with wavetrap and headphones. Craig Smith, 1935 First Ave. S., St. Petersburg, FL 33712. (813) 822-7592 cays

WANTED: Sparton mirror radios. Air King tombstone. Colorful bakelites. Absolute top price paid. Harvey Mattel, 41 Eastmont Rd., Hollywood, FL 33021. (305) 963-5173

FOR SALE: Collins 75A-4 - \$210. KWM-2, 516F-2, 312B-3, mike - \$350. Bill Cheatwood, 736 Spring Valley Rd., Montgomery, AL 36116. (205) 281-0970

WANTED: Operating info. for Rider Chanalyst. Will gladly pay for costs incurred in copying and postage. Jeff Aulik, 803 N. Chicago, Rockford, IL 61107. (815) 399-1902

FOR SALE: 5 01A tubes, bakelite - \$25. 1922 MESCO catalogue - \$25. DeForest triple coil mount - \$25. 9 issues Radio Craft, 1938-1941 - \$20. 800 radio tubes, 1930-1960 - \$250. F.W. Chapman, Apt. B218, 1130 N. Lake Parker Ave., Lakeland, FL 33805

WANTED: Collins 51J-4 receiver in mint or near new mint condition. Please advise fullest description: serial number, physical condition and appearance including extent of color fade in faded parts, whether UPS possible, your asking price, etc. Roy Y. Nakano, 3471 Butler Ave., Los Angeles, CA 90066. (213) Daytime 516-7008, Residence 391-4738

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Monterey Park, CA 91754
Tele: (818) 576-2642**

CLASSIFIED ADVERTISEMENTS

FOR SALE: Rider's manuals. One through seventeen (1-5 abridged) - \$100 plus UPS. Jim Barrows, W7BCT, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

WANTED: Zenith radios Models 5R226 table model, 6S249 chairside and 15U272 console. Arie Breed, 510 Lake Dr., Ottumwa, IA 52501. (515) 682-6925

FOR SALE: Philco dealership neon clock, octagonal, all works OK, dark green wrinkle - \$400. Richard C. Foster, 12 Shawmut Ave., Cochituate, MA 01778. (617) 655-2056

WANTED: Short Wave Craft mags, singles or yearly. Also Radio, QST, Handbooks. Joseph Santomas, 14 Railroad, Hammonton, NJ 08037

FOR SALE: Hallicrafters SX99 - \$75, S-85 - \$50. National NC125 - \$50. All working. Rhyne Killian, 129 Mill Rd., Chelmsford, MA 01824. (617) 256-0853

WANTED: Old DuMont TVs, RA101, RA102, RA103, in any condition, complete or parts. Richard Anthony, 2551 Andler Rd., Placerville, CA 95667

FOR SALE: TCS rcvr, unmod. - \$20. Early transistors 2N43, CK722, 2N107; Eico 723 w/manual - \$20. Crystals: Bliley (round), FT-243, FT-241, DC-10, HC-6, etc. Coil forms. SASE list. Shipping extra. Pat Marineau, 9022-B So. Laclede Sta. Rd., St. Louis, MO 63123

CLASSIFIED ADVERTISEMENTS

FOR SALE: Unused and used tubes, capacitors, speakers, phono cartridges and needles. C. Elmer Nelson, 11 S. Church St., Princeton, IL 61356

WANTED: Info on Orpheus console radio with phonograph, circa 1929. May sell. Charles Bailey, 312 Teal Ln., Tallahassee, FL 32308

FOR SALE: New flybacks, yokes. Arcturus 27's. **WANTED:** DeForest w/nickel or black base. Arcturus 10, 50, 01A, 99. Unusual old tubes before 1929. Foreign tubes before 1925. Thanks. Bob Dobush, 3554 W105, Cleveland, OH 44111. (216) 228-4953

FOR TRADE: About 25 old radio chassis and amps less tubes. 6 floor model radios, Majestic Model 71 EC - \$100. Trade everything or anything for a couple nice Philco cathedrals. Would like Model 20B, 51B, or 89B, etc., or whatever you have. SASE. Marv Malak, 1534 So. 32nd St., Milwaukee, WI 53215. After 5 PM: (414) 647-2722

WANTED: AK tuner #3752 & AK detector unit #3902. Chassis for Radio Shop or Echophone 3V. Case for Federal 59. Have ans. mach. Ray Schober, 6938 Western Ave., Omaha, NE 68132. (402) 554-0366

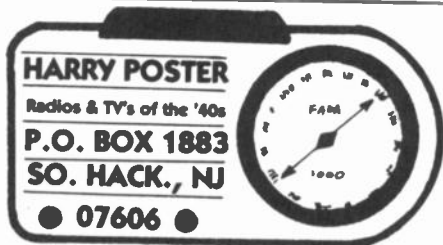
WANTED: National SW-5 manual/schematic, two type TS tube shield top caps (2" dia.), SW-5 standard coil set 4-pair/6-prong or blank coil forms. Jim Miller, 5581 Einor Ave., Rockford, IL 61108

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FOR SALE: Rare complete set of "Short Wave Radio" published by Robert Hertzberg, consisting of only 12 issues, Nov. '33 - Oct., '34. Les Rayner, 5512 N. 71st Place, Scottsdale, AZ 85253

WANTED: Old Harvey transmitter Model FT-30 (FOS, p. 257). Reward for locating. Robt. Enemark, Box 1607, Duxbury, MA 02331

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WANTED: Help! Need info and minor parts to complete restoration on RADA or RC unit not made by Westinghouse. Anyone else have one not made by Westinghouse? Sonny Clutter, 14330 NE Fremont Ct., Portland, OR 97230. (503) 254-9296, 233-0049

WANTED: Common-type tuning knobs about 3", 0-100. Dan Damrow, W9GQY, 5331 West 79th St., Burbank, IL 60459

FOR SALE: Planning six replica Radialamp horn-speaker lamp shades. Inquire SASE. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

WANTED: Ace receivers made by Precision Equipment. **FOR TRADE:** Grebe CR12 for AK 10. Craig Ball, 10101 Oak Hollow Cir., Austin, TX 78758. (512) 835-7292

FOR SALE: New orange Sprague capacitors 0.001 to 20 mfd. rated 600 and 450 VDC. Pots. Resistors. Audio tmfrs. Tubes for AC sets. Also pre-1952 schematics - only \$2 with order. Working Zenith Trans-Oceanic Model A-600. Other trash and treasures on list available from Sue Coulter, Box 11, 1000 West Columbus, Bakersfield, CA 93301

WANTED: Sodian 13 for DR 6. Will buy or have following **FOR TRADE:** Set of Pilot plug-in coils, Pilot dial and tuning condenser. Audio transformers, 2 Grebe, 1 Crosley, plus others. Panel & some parts for 51A. All American straight line condensers in cans. Gold 01A's. Blue Arcturus. Velvet Vernier "A" dials. Ninth edition of handbook. Eight QST's from '28 & '29. Gerold Slagel, 306 S. 16th, Hot Springs, SD 57747. (605) 745-3265

CLASSIFIED ADVERTISEMENTS

FOR SALE: AK Model 546, plays, has extra hole. Has been filled in - \$80. Majestic 463, plays. Cab. needs some repairs - \$50. AK E3 speaker, rip in cone - \$20. Magnetic speaker, 9"x9" wood case, no mfr. name - \$20. National NC-88, untested - \$35. Hallicrafters S77-A for parts - \$30. Modern Radio Servicing - \$10. Radio Physics Course by Ghirardi - \$10. Bundle service notes: Motorola, GE, Howard Sams, RCA - \$7 per group. Rider's books, asstd. titles - \$2.50 ea. Audio trans., all used Acme A2 - \$9. All American R12, 13, 14, 15, 21 - \$10 ea. W.E. 117-A - \$15. Acme MA2 - \$12. Migon tone filter - \$10. Also, Thordarson, USL, Samson, ERLA, Amertran - \$10 ea. Asstd. open frame no name audios - \$6 ea. NOS speaker jacks - \$1.50. Improved Kleer Tone - \$4. Ohmite var. transformer VT8-GC, 6 amps - \$20. NOS cotton cov. wire GA. 18, 20, 22, 24, 26 - \$2.50 per roll. Operadio #1106 2500 ohms Dy sp. - \$15. Asstd. 8"-10" Electro Dy speakers - \$15 ea. Dy sp., works from 120 v. AC - \$15 ea. 7JP4 pix tube, untested - \$15. Forty asstd. 201-A, 01-A's - \$5 ea. 3JP1, 3FP7, 3JP2 - \$6 ea. Have some asstd. 50-watt transmitting tubes - \$10 ea. All items plus shipping. Min. order \$7.50. Have 1000's of other radio items. Write wants. SASE for list. Also have tubes, test eqpt., Rider's, Howard Sams, speakers, vol. controls, knobs. Krantz, 100 Osage Ave., Somerdale, NJ 08083

WANTED: Need back panel for TRK-12/120. **FOR SALE:** I'm moving. Lots of radios & TV's available. Send SASE for entire listing. Jim Clark, 1006 Pendleton, Lansing, MI 28917. (517) 323-9595

WANTED: SCR-536(*)/BC-611 WWII Walki-Talki or related items. What have you got? State cond. and price, first letter. Wm. A. Stokesbury, Rt. #3, Box 200B, Selbyville, DE 19975

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WANTED: Silver-Marshall plug-in coils for Silver-Cockaday receiver, types 110 & 114 A, B, C, D, E. Also, Popular Radio magazines for June 1925; Jan., Oct. 1926; May, June 1927; Feb., March 1928. Tod Prowell, 1073-15 Lancaster Blvd., Mechanicsburg, PA 17055. (717) 697-5227

FOR TRADE: Zenith portables: Royal 2000 FM/AM "All Transistor" (1961), Royal 97 Super Navigator - towards Royal 3000 Trans-oceanic. Lloyd B. Zimmerman, 8448 No. Harding Ave., Skokie, IL 60076

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WANTED: Two DeForest molded tube sockets, and one 0025 and one 002 grid condenser type used in battery sets. Rudy Burick, #6 Whetstone Dr. Apt. 5, Gaithersburg, MD 20877. (301) 977-6745

FOR SALE/TRADE: R-390A manual/speaker for any antique/oldie radio. Space problems. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

CLASSIFIED ADVERTISEMENTS

FOR SALE: All working, v.g. condition, AK 40 - \$60. National SW-54 - \$50. Hallicrafters Sky Buddy II (S-119) - \$50. Zenith Portable 6G601YZ1 - \$35. Zenith Portable 6G601M, sailboat - \$50. Lamp radio - \$50. Bestone MX battery set - \$60. Magnavox M-20 spkr. - \$40. Several telegraph keys/sounders, spark coil. Herb Parsons, 5 Surrey Ln., Peabody, MA 01960. (617) 535-1009

WANTED: Collecting the older tubes still in the box. Send me your list of tube type, box style, and asking price. I also have many extras available for trade. Steve A. York, 1100 Byrd St., Melbourne, FL 32935

WANTED: Paying \$300 for nice Trophy Baseball Radio. Ed Levin, 13826 Ventura Blvd., Sherman Oaks, CA 91423. (818) 981-5325

FOR SALE: Knight Ocean Hopper Model 740 with 7 plug-in coils - \$7. Also 3 brass pulleys for AK one-knob tuners - \$6. Daniel Gaidosz, 342 West River Rd., Orange, CT 06477

WANTED: Capehart cabinet cir. 1938, chassis Model 400 F. Tony Peterson, 800 126th Ave. NE, Blaine, MN 55434. (612) 755-6383 collect

FOR SALE: Radiola balanced amplifier, w/o tubes, excellent - \$160 plus UPS. Bob Kerns, 6363 Nash Rd., North Tonawanda, NY 14120

WANTED: G-2S or G-4S tube for Majestic set. Paul Gunzenhauser, Rt. 1 Box 133, Garden Grove, IA 50103

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WANTED: Small open-framed electric motors, dynamos, and generators. Cash or trade. Jim Sargent, 1010 Chepstow, Sherwood, AR 72116. (501) 835-5610

FOR SALE: Antique phonographs & juke boxes. 10,000 78 & 45 records. 1100 new vacuum tubes. Neil O'Donnell Jr., Tony's Trading Post, 209 East Park St., Butte, MT 59701

WANTED: AK E speaker movement. Help identify Philco (Philadelphia) metal speaker enclosure w/o speaker, 8 3/4." Edsel Erwin, 1513 E. Houston Ave., Fresno, CA 93710

FOR SALE: Stan's Surplus Stuff: Includes tubes, parts, radios, novelties, test equipment. SASE for list. Stan Lopes, KB6LGV, 1201-74 Monument Blvd., Concord, CA 94520

WANTED: RCA red books: 1923-28, 1929-30, 1931-32 (three books). Gilbert Smith, 248 South 36th St., San Diego, CA 92113

FOR SALE: 1915 Spark transformer (V.R. p. 49), 220 primary - \$50 plus 60 lbs. shipping. Arthur Harrison, 501 Arbor Dr., Columbia, MO 65201

WANTED: 1930 to 1950 radios. Any make and in any condition. Robert Wiczkowicz, PO Box 86, Craryville, NY 12521

FOR SALE: Speakers: Acme Duo Cone, (V.R. p. 210) - \$30. Radiola 1325, (V.R. p. 208) - \$60. Cone walnut cab. - \$35. These speakers are FB in looks and works. Crosley collectors: 2-tube Model 51, both tags, nice cabinet, mahogany, will hold batteries, vernier tuning, 2 regen. controls, will run L.S. on local stations - \$65. RCA Victor collectors: 6-tube AC/DC 56X3, looks and works well - \$30. A few UX199 tubes, test OK - \$10 ea; 71-A's, 6-50, 24-A's - \$4. Brandes earphones, Superior - \$10. Navy - \$15. PreWWI metal HB - \$15. W.E., like new - \$20. Frost - \$7.50. William J. Key, W1DWD, 58 Sycamore Dr., Halifax, MA 02338. (617) 294-1831

WANTED: XCU-50-2 National Crystal Calibrator, 201A/301A tubes. Horn speaker for Crosley Super Trirdyn Special. F.W. Nicholas, PO Box 37094, Phoenix, AZ 85069. (602) 864-9987

FOR SALE: RCA UZ 1325 horn, mint - \$75. Trimm "home speaker," mint - \$65. Crosley 51-S, excellent w. tubes - \$65. Arcturus blue glass tubes, used but good: 3 - 127's tipped - \$15 ea. 4 - 127's and 126's - \$10 ea., 124 - \$10, 56 - \$8. Above prices plus shipping. N.O.S. mounted galena crystals from the late 30's, in original generic boxes - \$3.50 ppd. Dave Christensen, 362 Charlson Dr., Red Wing, MN 55066. (612) 388-3076

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WANTED: 1920's Indiana battery sets such as Elmco, Cardinola, Okay, Diamond-T, King Cole, Melody, Amaco, Tilman (6-tube Challenger), Huntington, Hammond, Showers, Aladyne, Lyradion, Slagle, and Washburn Burner all wave three-dial set with plug-in honeycomb coils. Have a Priestess Straight 9 for possible trade. Need a 24x7x 3/16 inch bakelite panel. **FOR SALE:** Day Fan radio pin - \$10. 1927 Cussins and Fearn Co., Columbus, Ohio, catalog showing the Fearnola radio line - \$8. Michael Feldt, 12035 Somerset Way E., Carmel, IN 46032. (317) 844-0635

FOR SALE: Test equipment: Tube checkers, all working; Hickok 536, deluxe mutual conductance, 1963 Rollchart, manual, fair case, good cond. - \$50. Knight dynamic - \$20. Superior TV-11, blond wood case, also checks caps - \$25. B&K 400 B & W CRT checker w/manual & inst. for color checking (does not include color adaptors), very nice - \$25. Audio oscillators, all working: Mil surplus sine/SQ (best value) - \$25. Heath A0-1 sine/SQ, good - \$25. Hewlett-Packard 200B, rough - \$20. Capacitor checkers: Working. Eico 950 w/manual, good - \$25; another, fair - \$15. Heath, not working - \$7.50. VTVMS; Ballentine .01 to 1KV ACVTUM, untested, old - \$10. Eico 221, blue face, very nice - \$25. B&K - \$25. Several RCA Voltohmster - \$5 to \$25, depending on condition. Tube stereo equipment: Fisher 800C, wood cab., good condition - \$50, X202B amp., wood cab., fair, has hum & distortion - \$20; Tandberg-7, recorder, worn - \$20; Dynakit PAS-2, preamp, good - \$35; FM-2 tuner w/multiplex adapter, fair - \$15; Scott 222B amp., good - \$25; Grommes "Little Jewel" stereo, rusty, untested - \$10. Spastic plastic: Mostly 5 tube AC/DC; Admiral; 5E38 avocado clock - \$5; Y848 turquoise & white, works, cab. cracked - \$10. Crosley Model 11, brown bakelite, works - \$15. GE clock, cranberry 515F, works - \$25. Granco UHF converter, brown - \$7.50. Raytheon 5R-10B, brown, plays, distorted - \$10. Mivar Samas #67 Italian, woodgrain cab., med. size, not working AM, FM, SW, approx. 1960 - \$20. Westinghouse H-906L5 white, clock not working - \$5. Zenith; lg. white bakelite AM only, rusty, back cover missing - \$5. Avocado batt/AC portable M-403, not working - \$10. All above packed "UPS proof." Shipping charges extra. Will ship C.O.D. with 20% deposit. Will return checks promptly if merchandise is sold. John Sherrod, 4419 15th Ave. S., St. Petersburg, FL 33711

WANTED: Old crank phonographs, horns, parts, etc. Any condition. Dave Faehrrich, 8215 Stone Rd., Independence, OH 44131

WANTED: Copy of manual for Hammarlund SP 600. Ralph Borsella, Eastport Manor Rd., Manorville, NY 11949. (516) 878-6855

CLASSIFIED ADVERTISEMENTS

FOR SALE: Make your day! Radiola Superhet Portable, no tubes, good strap - \$80. Radiola 21, uncommon, nice detail - \$75. Radiola 44, original, with tubes - \$35. Radiola 17, no hood, refinished - \$25. AK 33, needs emblem and cleaning - \$10. AK 55, no speaker or tubes - \$15. Freed-Eisemann NR-7, complete, needs cleaning - \$55. Freed-Eisemann Model 50, with original instructions - \$75. Stewart Warner Model 300, nice, original - \$45. Freshman Masterpiece, early version, nice paper - \$40. Fairbanks-Morse tombstone, original, needs TLC - \$30. Westinghouse tombstone "Repwood" front, needs cleaning - \$30. Magnavox M1 gold horn, excellent decal - \$80. Magnavox 14" horn, no base - \$10. Edison "Standard" petal cylinder horn, nice decals - \$125. DeWald Model 42 "Dynette" miniature AC, needs refinish - \$25. AK horn Model L, no base - \$10. Tower Meistersinger horn, painted, no driver - \$15. Prices do not include shipping. Questions? Include SASE. Photos - \$1. Dave Crocker, 6 Old Farm Rd., Duxbury, MA 02332

WANTED: Good DeForest spherical and tubular audions, weagant valve, other old types of tubes. Describe with prices please. Marc Gottlieb, Box 1112, South San Francisco, CA 94083

WANTED: Resistor and capacitor values for Radiola 18. These are not in the condensed RCA factory service literature. Vance Rayburn, 2718 Homestead Rd., Madison, WI 53711

CLASSIFIED ADVERTISEMENTS

WANTED: Power supply units for Majestic 7 Electric Receiver Model 70 and Atwater Kent Model 40. Paul Cowlshaw, 1424 25th St., Ogden, UT 84401

FOR SALE: Retiring. Have all kinds of tubes, parts, auto radios. You name it, we may have it. We go back to 1929. Console radios, table model radios, TV picture tubes of all kinds. Have round picture tubes. Send all inquiries to: Chester Dickinson, 14520 Grand River Ave., Detroit, MI 48227

CLASSIFIED AD DEADLINES

Jul. 10 for Aug. 1987 Issue
 Aug. 10 for Sep. 1987 Issue
 Sep. 10 for Oct. 1987 Issue

WANTED: Dial for Midwest Model 18-36 has 6 bands with frequency and wavelength scales. Also need Power Amp. chassis (complete), 17 tube shields, speakers, 3 R.F. coil shields, dial for Scott Hi-Fidelity All Wave. Linus Brown, R#2 Box 49, Wapakoneta, OH 45895. (419) 738-8069

FOR SALE: 3 RS391 Telefunken German transmitting tubes - \$25 ea. plus UPS. J. Wasiewicz, 229 Sarley Ln., Pleasantville, NY 10570

WANTED: For Wards Model 62-411, microfilm for movie dial. Same film fits table model or console. Paul Bourbin, 25 Greenview Ct., San Francisco, CA 94131



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- PCB694 - RADIO HUMOR OF THE DECADES by J.W.F. Puett, radio cartoons from the 1920's thru the 1960's from the great periodicals \$10.95
- PCB695 - MODERN RADIO RECEPTION by Charles R. Leutz, 1925, full of diagrams and illustrations, photos of early Leutz equipment!, 337 pages! \$19.95
- PCB696 - ELECTROLYTIC CAPACITORS by P. Deeley, published by Cornell-Dubilier, 1938, many diagrams, illustrations, excellent text!, 275 pages! \$18.95
- PCB697 - HENLEY'S 222 RADIO CIRCUIT DESIGNS by Norman W. Henley, 1923, many crystal-set and one-tube-set circuits, diagrams, etc., 271 pg. \$18.95
- PCB698 - THE BOOK OF WIRELESS by A.F. Cellins, 1922, how to make wireless \$16.95
- PCB699 - RESONANCE AND ALIGNMENT by John F. Rider, 1936, GREAT!, 91 pg. \$12.95
- PCB700 - AUTOMATIC VOLUME CONTROL by J.F. Rider, 1936, 93 pages \$12.95
- PCB701 - ALIGNING PHILCO RECEIVERS by J.F. Rider, 1937, 135 pages . . . \$13.95
- PCB702 - THE RADIO GIRLS, ON THE PROGRAM by M. Penrose, 1922 \$12.95
- PCB692 - THE RADIO GIRLS, AT FOREST LODGE by M. Penrose, 1922 \$12.95
- PCB691 - THE RADIO BOYS, FIRST WIRELESS by A. Chapman, 1922 \$12.95

DISCOUNT - DEDUCT \$1.00 FROM ALL PRICES ABOVE BY SENDING THIS NUMBER:

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CLASSIFIED ADVERTISEMENTS

FOR SALE: Guild Grafonola. Guild Spice Chest radio. Superb Dyna set, includes stereo 70 amp, FM3 FM tuner, PAS 2 preamp. Philco Safari, Philco 17" red Predicta. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

WANTED: Coil sets for SW3, SW5 FB7. Pre-1930 ARRL handbooks. Stu Mount, 35 Grand St., Highland, NY 12528. (914) 691-7957

FOR SALE: Magnificent 30-tube Capehart, 28-tube Scott. Philco farm radio beehive. Scarce tubes. Pr. 816's. Taylor tubes. Crosley cathedral, needs xfmr. Hallicrafters SXIII bud converter. Police Thriller, 2 Silver Marshall variables boxed. Silver Marshall lab. receiver. S.M. silverradio chassis. Beautiful large FADA console. Two Michigan radio sets. Several Penna. wireless radio. W.E. 4B, Majestic grandfather clock radio. Novelty radios. FADA 160. Battery. Crosley Pups. 3 McElroy bugs, others. Philco 20. AGS coils. National Supply Super Pro. 1.4 inch Music Master horn. R3. Magnavox speakers. Crosley Buddy Boy. AK 90, 32, 40, 49. Aeriola Sr. Scarce Meissner radio. Philco 51. Aeriola crystal set. Radiola 3, 3A. Grebe CR9, Bristol, DeForest R.F. transformers. Rider's type manuals. Early small screen TVs. National HFS. **WANTED:** AGSX. Pilot Super Wasp. Early RME. Early ham receivers, transmitter. Grebe, Kennedy cabinets. Grebe, Paragon audios. Joe Szabat, W3LST, 228 Plummer, Oil City, PA 16301. (814) 677-4042

WANTED: Dial escutcheons for Philco Model 50 and Model 70 cathedrals. Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

FOR SALE: ARRL Radio Amateur's Handbooks. Most years between 1951 and 1978 - \$3 ea. plus postage. Rhyne Killian, 125 Mill Rd., Chelmsford, MA 01824. (617) 256-0853

WANTED: Operating manuals for Heathkit SG-6 r.f. signal gen., Eico 950-B resistance, capacitance bridge. Don Clark, 4712 Eden Ct., Indianapolis, IN 46254

FOR SALE: D.H. Moore's Vintage Radio Identification Sketch Books, mint - \$50. Radio News, 67 issues, June '39 - Dec. '45 - \$45. Electrical Merchandising, 14 issues, Sept. '45 - Nov. '46 - \$15. Radio Service Dealer, 37 issues, similar to Radio Retailing, Aug. '43 - Oct. '46 - \$50. RCA 75X17 oriental radio (see A.R.C. 3/11), needs touch-up - \$55. Dahlberg pillow speaker radio - \$40. Gloritone cathedral, v.g. finish - \$70. Philco 20 cathedral - \$65. 6-tube Airline movie-dial console, works - \$70. Bendix TV/radio sign, reverse painted on glass - \$65. Sentinel TV, works - \$85. Doug Heimstead, 1349 Hillcrest Dr., Fridley, MN 55432. (612) 571-1387

CLASSIFIED ADVERTISEMENTS

FOR SALE: Special sale on 200v caps: .15mfd or .22 mfd - 15¢ ea., .47mfd - 50¢ ea. Sprague black beauties: .02mfd, 400v - 35¢ ea., .04mfd, 600v - 35¢ ea. Sprague fresh stock TVA electrolytic 8mfd, 450v - \$1.50 ea. Add \$1.50 per order for shipping. SASE for list of Sprague orange drops and electrolytics. Vintage TV & Radio, 1204 Andrews Ave., Lakewood, OH 44107

WANTED: Three W2EWL transformers, used in W2EWL SSB rig, March 1956 QST. Neil Spencer, W4PC, PO Box 10371, St. Petersburg, FL 33733

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\$24.00 for First-Class Mailing

(Two-year renewals are twice above rates.)

FOR SALE: Amrad AM/SW/Phono chassis, model number unknown. Earlier AC eight-tube model. Make offer. Dennis Hilberg, 804 Ravine St., Decorah, IA 52101. (319) 382-2012

WANTED: Western Electric horn speaker. Rider's tube substitution supplement 1 and 2. Marc Ingenthron, 9215 W. 83rd St., Overland Park, KS 66204

FOR SALE: Large list of old radio magazines - SASE. Vintage Radio, Flick of Switch - \$11.95 ea. ppd. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145

FOR SALE/TRADE: Misc. QSTs from 1922 up. Philco 20b cathedral, excellent condition - \$135. Echophone S-3 cathedral - \$85. Zenith Trans-Oceanic 1000 (first transistor). **WANTED:** Pre-1938 Pilots. Pre-1960 German and foreign sets. Philco 71 chassis/console. Bill Moore, 1005 Fieldstone Ct., Huntsville, AL 35803. (205) 880-1207

WANTED: Paragon DA2 detector 2 stage amp. Charles Stinger, 404 Ross Ave., Hamilton, OH 45013. (513) 867-0079

WANTED: Radio-related toys, banks, games, playing cards, novelties, advertising and promotional items. Jack Gray, 1162 Broadmoor Dr., Napa, CA 94558

CLASSIFIED ADVERTISEMENTS

WANTED: Catalin radios. Paying \$1000 for Emerson tombstone in green or red. Paying \$1000 and more for Air King tombstone in certain models. Anthony Scarfogliero, 13 Fourth St., Brooklyn, NY 11231. (718) 858-1231

FOR SALE: Old radio tubes, transmitting and receiving, new and used. Send SASE for list. Glenn Blizzard, PO Box 1364, Suffolk, VA 23434

WANTED: Foreign telegraph keys and bugs from obscure names and places around the world. Gil Schlehman, 335 Indianapolis Ave., Downers Grove, IL 60515

WANTED: Radio novelties such as radio banks, toys, puzzles, board games, gimmicks, valentines, radio sheet music, advertising items, etc. Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 582-3094

FOR SALE: Cabinet for Scott Philharmonic. Will consider any style. Dial escutcheon for Philharmonic and for Zenith Model 60, 1930 console with thumbwheel dial. Chassis #1204 for 1937 12-tube Zenith. Thanks John Hayes, 2485 Golden Ave., Long Beach, CA 90806. (800) 556-8436 days, (213) 595-8659 eves.

WANTED: Need tube chart for a Mercury Electronics Model 102 tube tester. Paul D. Dillard, 1313 E. Wheeling St., Lancaster, OH 43130

WANTED: Keys, bugs and telegraph instruments. Also related parts and publications. Will purchase or trade like kind. I am a collector not a dealer. This is an affair of the heart, not the wallet. Warren Berbit, K2UVV, 46A Mile Road, Suffern, NY 10901

RADARHIST. The Journal for Early Radar Enthusiasts! Did you know that the SCR-270B that watched the Japanese fly toward Pearl Harbor was S/N 12? Opana Point 7 Dec. 1941. Don Helgeson, POB 3087 Skokie, IL 60076-3087. Fifty years at sea for the US Navy; In April 1937, the USS LEARY was fitted with a 200 Mhz pulse radar and put to sea! SCR-268 parts for sale.

RADIO-RELATED TIE CLASPS and lapel pins. All new list. Many new items. RCA-Philco-GE and more. Now available. Your color picture of your favorite radio. Put it in a 2 1/4 inch plastic button. Send L.S.A.S.E. for illustrated list. Michael Sabodish Sr., 11-A Matawan Avenue, Cliffwood, NJ 07721.

WANTED: Early open frame motor electric fans, motors, generators, medical devices, galvanometers, scientific instruments, etc. Richard Cane, 8391 N.W. 21 St., Sunrise, FL 33322. (305) 741-6838

CLASSIFIED ADVERTISEMENTS

WANTED: Chassis for Grunow cabinet Model 1151, 4" airplane dial, 4 knobs. Prefer working, and speaker. Fred Mangine, 207 Maplehurst Ave., Syracuse, NY 13208. (315) 455-7270

FOR SALE: Two sounders and keys, circa 1920 - \$45. Joseph Schwartz, K2VGV, 11 Windham Loop, #1JJ, Staten Island, NY 10314. (718) 698-8069

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\$18.00 for Second-Class Mailing

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(Two-year renewals are twice above rates.)

FOR TRADE: Very rare AK Model K speaker, vg. AK Model H automobile distributor. Unusual Air King camera radio, A-410. Kennedy 281, mint. **WANTED:** WSA Radiola Concert xtal set. ER-753. Radiola RS. Aeriola Jr. Prefer good and original condition. Any RCA advertising items. Early medical quack devices. David Moore, 3213 Regal Oaks, Pearland, TX 77581. (713) 485-1705.

WANTED: Advertising Signs, Books, Manuals, Novelties, etc. pertaining to radios built in foreign countries. R. King, 3017 Orwell St., Lincoln, NE 68516

WANTED: Old Electrical Apparatus - Test Equipment, Open-Frame Motors/Generators, Spark Units, Switchboard Meters, Bulbs, Tubes, Table Radios, Medical Devices, Books, Knife Switches, Trains & Accessories, Specialty Devices, etc. H. Andreoni, 250-D So. Lyon Ave., Hermet, CA 92343

WANTED: National SW3, SW4, SW58 and SW34 receivers and accessories. Also buying usable parts for restoration of these radios. Premium prices paid for original coils. Dean Showalter, 36308 Panorama Dr., Yucaipa, CA. 92399. (714) 797-1782

WANTED: Hudson-Ross "Globe Trotter" Shortwave receiver (shown on page 12, Oct. '86 A.R.C.). Also want Atwater Kent "breadboard" Model 5 or Model 9C. No junkers, please. Malcomb Ringel, KN4KWD, 305 Buckhead Ave., Atlanta, GA 30305. (404) 231-0084, weekdays.

CLASSIFIED ADVERTISEMENTS

WANTED: John Trowbridge's juvenile fiction book, "The Story of a Wireless Boy." Robert Stapleford, 1800 Randolph, Topeka, KS 66604

FOR SALE/TRADE: Ozarka Model 91 chassis. AC Radiola Model 17? chassis, complete. James Stueber, 8920 Lexington Ave. NE, Albuquerque, NM 87112

WANTED: Tuning condensers and other parts for Apex Super 5. Jim Conaway, 610 Ashford Rd., Wilmington, DE 19803. (302) 571-9062

WANTED: Cryptography items, cipher machines, books, manuals, alphabet wheels, decoders, anything about secret communications. Louis Kruh, WB2EZK, 17 Alfred Rd. West, Merrick, NY 11566. (516) 378-0263

FOR TRADE: Rider's Vol. II for Rider's Vol. I or III. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

WANTED: For Rek-O-Kut T12-H turntable, 33 1/3 rpm idler wheel and arm. Henry Schwartzman, 133 W. Fourth St., Corning, NY 14830

WANTED: Old light bulbs with tips, colored, foreign, strange bases, shapes. Rob M. Simon, 1 So. 130 Radford Ln., Villa Park, IL 60181

FOR SALE: Narrow dynamic range is 135! The R-390, still the best. Paul, 35 East Pond Rd., Narragansett, RI 02882

SEND ALL A.R.C. MAIL TO
Antique Radio Classified
P.O. Box 2, Carlisle, MA 01741

WANTED: Early condenser type microphones. Top dollar paid on most models. James Steele, 160 West 77th, New York, NY 10024

FOR SALE: Bound volumes Radio Electronics & Radio News, 1950-1969 - \$5/year if take all, more otherwise. Bob Mahrenholz, 307 Old Fort, Tullahoma, TN 37388

WANTED: Radiola III-A Deluxe in excellent condition. Tracy Sands, 1520 W. Juno Ave. #C, Anaheim, CA 92802

OLD TIME RADIO PROGRAMS for fellow collectors of old radios who remember the old time radio programs. Available on Cassette. Enjoy Comedy, Classics, Adventure, Music. \$3.00 cash for catalog. George E. Brehm, 13402 Liebacher Ave., Norwalk CA 90650

SCHEMATICS for Radios, Power Supplies, Amplifiers, Plus. 1919 to 1945. Send SASE, \$1.00 per copy, brand name and model number. Gene Corn, 3 Barton St., Greenville, SC 29609

CLASSIFIED ADVERTISEMENTS

FOR SALE: Ferguson Spotlight radio, beautiful & works - \$265. Mangnavox R3B and R3C - \$85 ea. Violet ray quack machine - \$25. Philco A & B power supply, glass batteries - \$25. AK 20 big box - \$75. AK E speaker, looks & works good - \$45. Silvertone neotrodyne, nice 3 knobber - \$60. AK L chassis, nice - \$40. Readrite Mod. 201 tube tester - \$20. Signola J6 - \$50. Farnsworth deco table model, needs paint - \$20. Delco deco, nice wood & plastic - \$30. FADA ivory table model, works - \$25. Freshman Masterpiece - \$45. FADA 195 neotrodyne - \$45. Mikes: Astatic D104 w/stand - \$25, Herald M-102 - \$20, Turner 99 w/stand - \$25. Radiotel, coin opp. Los Ang. - \$20. Zenith B509C, very nice, white & brown, plays - \$15. UZ 1325 horn speaker - \$60. Pilot FM tuner T106 - \$16. Send for list SASE. **WANTED:** Philco 20B cabinet. Stromberg Carlson horn. Trim horn. Crosley 169 cabinet. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456. (314) 735-2945

WANTED: Older model bugs, unusual bugs and hand keys. Price and condition please. Gary Wagner, K3OMI, 11124 Oak Hollow Road, Knoxville, TN 37932. (615) 690-4217 days

FOR SALE: Sam's Photofacts 51-1200 - 3/5! RCA, Philco, Motorola, Zenith 1950-1970 O.E.M. TV service notes - \$3 ea., minimum - \$20. Plus UPS. J. Papovich, 216 Broadway, Westville, NJ 08093

WANTED: To buy parts from the 20's and 30's to rebuild old ham gear. Plug-in coil forms, audio chokes, center tapped filament resistors, variables, and on and on. Please let me know what you have. Mickey Deems, W6IUC, 13114 Weddington St., Van Nuys, CA 91401. (818) 763-1055



WANTED: Silvertone Radio as pictured above. Also parts/parts set. Will pay up to \$350 for set in top condition. Eric Brill, (203) 629-1756, 115 River Road, Cos Cob, CT 06807.

WANTED: E.H. Scott Sets: Any Worlds Record, Shield Grid 9, Symphony, 16/18, Masterpiece, Super XII, FM Tuner. All replies answered. Any leads appreciated. Kent King, 3637 Liberty Road, Delaware, OH 43015. (614) 363-3219.



RHODE ISLAND – July 25

**A.W.A. NEW ENGLAND MEET
RADIO & STEAM-UP MEET**

East Greenwich, RI
N.E. Wireless & Steam Museum
Frenchtown & Tillinghast Rds.

9:00 a.m. (No Earlier) – Flea market
1:30 p.m. – Radio Program & Contest

Wireless Museum – Steam Museum
Wireless Station Exhibit
Live Steam – Bring Your Steam Engine

Information: Lauren Peckham,
Ormiston Rd., Breesport, NY 14816
or Robert W Merriam, Tillinghast Rd.
E. Greenwich, RI 02818 – (410) 884-1710

NEW YORK – Aug. 22

**NIAGARA FRONTIER WIRELESS
ASSOCIATION & A.W.A.
JOINT RADIO MEET**

Elma, N.Y.
Elma Conservation Club

Information: Dick Schamberger
P.O. Box 68, Central Park Station
Buffalo, NY 14215

NEW YORK – Sept. 23 - 26

**ANTIQUÉ WIRELESS ASSOCIATION
NATIONAL CONFERENCE**

Largest Antique Radio Meet in U.S.

Canandaigua – Sheraton Inn

Information: Lauren Peckham,
Ormiston Rd., Breesport, NY 14816

RADIO CLUB LISTINGS

(ANTIQUÉ RADIO CLUBS: Send club and meet information to A.R.C. for free listing here, as space permits.)

Antique Wireless Association (AWA). Bruce Roloson, P.O. Box 212, Penn Yan, NY 14527. Pub: *The Old Timer's Bulletin*, quarterly. Dues: \$8.00. National and regional conventions. Museum.

Antique Radio Club of America (ARCA). William Denk, 81 Steeplechase Rd., Devon, PA 19333. Pub: *The Antique Radio Gazette*, quarterly. Dues: \$12.00. National and regional conventions. Regional chapters.

Please mention A.R.C. when writing clubs.

ILLINOIS – Aug. 14 - 15

**ANTIQUÉ RADIO CLUB OF ILLINOIS
& A.W.A. – RADIOFEST '87**

Elgin, IL – Holiday Inn
345 River Road – (312) 695-5000

Both Days: Flea Market and
"German Radios 1930-1960" Display

Aug. 14: 6 a.m. – Registration Begins
10 a.m. – Tour Muchow Museum
11:30 a.m. – Contest
1 p.m. – "Radio & the Buzz Bomb"
5 p.m. – "Restoration Tips"
7 p.m. – Reception

Aug. 15: 9 a.m. – "Heinrich Hertz"
1 p.m. – "Radio Magazines"
6 p.m. – Banquet

Information: Joe Willis
PO Box 14732, Chicago, IL 60614
or Jeff Aulick, 803 N. Chicago Ave.
Rockford, IL 61107 – (815) 399-1902

MICHIGAN – July 18-19

**MICHIGAN ANTIQUÉ RADIO CLUB
EXTRAVAGANZA**

Lansing – Dillon Inn

8:00 a.m. (each day) – Swap Meet
Displays, Programs, Contest, Auction

Information: Jim Clark (517) 323-9595

Radio Club Listings Continued:

Northland Antique Radio Club (NARC). P.O. Box 18362, Minneapolis, MN 55418. Pub: *NARC Newsletter*, six/year. Dues: \$10. About six meets/year.

Pittsburgh Antique Radio Society, Inc. (PARS). David W. Kraeuter, Secretary, 506 E. Wheeling St., Washington, PA 15301. Pub: *The Pittsburgh Oscillator*, quarterly. Dues: \$10. Quarterly meetings.

South-East Antique Radio Club. J Sherrad, 4419 15th Ave. S., St Petersburg, FL 33711. Club being formed. Let's try for a first meeting and swap meet in Tallahassee, in June 1987.

Southern California Antique Radio Society (SCARS). Mary S. Curry, 10035 County View Rd., La Mesa, CA 92041. Pub: *California Antique Radio Gazette*, quarterly. Dues: \$10.00. Four meets per year.

Vintage Radio & Phonograph Society (VRPS). Larry Lamia, P.O. Box 165345, Irving, TX 75016. Pub: *The Reproducer*, quarterly. Dues: \$13.50. Monthly meetings, Spring Auction, Annual Convention.

Please mention A.R.C. when writing clubs.

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 Antique Radio Collection
 of the Late James L. Gilrein of Worcester Ma.

CONSOLES MODEL RADIOS

1930 Colonial "High Boy"
 Crosley Model C-A-12
 Emerson Model EQ 368
 GE Models 417, J105, G105
 Majestic 1930 Model 90-13
 Philco Models 42390, 1930 "Concert
 Grand" 40-201-XX, 42395
 RCA Models 1924 Bushlane 50, 1925
 Bushlane 12-5-G, 8K1, 1928 Radiola
 Spartan 1929 Model 931
 Stewart Warner 1929 Series 950
 Silvertone 1935 Model 6439, 1930
 "Grandfather Clock" Model 1420
 Stromberg Carlson Mod. 1120
 Series 10
 True Tone Models 926, WC24 Series
 OC, D-1845-A
 Victor 1928 Model R-34
 Zenith Models A, C-844, 28152, F1,
 1939 12-A-68

TABLE MODEL RADIOS

Automatic with Telechron Alarm
 Clock
 American Bosch "Little Six" Model
 46506 (inside Model #186)
 Atwater Kent 1929 Model 45, 1927
 Model 37
 Crosley Model 9-103
 Dewald Model 622
 Delco Model Magnascope R-1153

Delco Model 1937 R1177
 Emerson Model 550
 Farnsworth Model BT 55
 FADA "Dictograph"
 GE Models 201 (cream), GE-J-63, Ca-
 thedral GE-J-82, 51, Cathedral K-43
 Philco Models 37-60, 60 (505), 41-256
 RCA Models 1927 RCA 18, 5U, 1929
 R-28-P
 St. Regis Model 553
 Stromberg Carlson Treasure Chest
 Model 635A
 Wings "Superheterodyne" Model 525
 Westinghouse Model BR-13-A
 Zenith Models 5-S-320, C7241 (taupe)

SPEAKERS

Atwater Kent Type E3,
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 Sonochorde (cloth)
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 Stromberg Carlson (round)

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Zenith Sidechair Floor Models 9S244
 and 10A1,
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 Beauty Console Case,
 Delco Console Model R1144S,
 Heathkit Tube Tester Model TC-2
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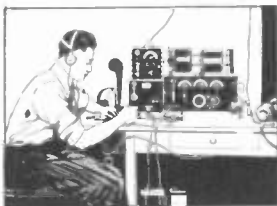
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WANTED



**Radio and Wireless items - pre-1925:
Books, Magazines, Catalogs, Receivers,
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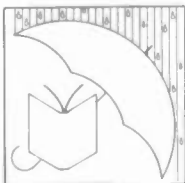
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(References provided)

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1. W.E. 7A Amp., No Tubes\$150
2. AK20 Large Style, No Tubes75
3. Grebe Synchrophase Chassis &
Frame, Console Version,
No Tubes.....65
4. Vimco Radio Lamp (in box)65
5. Smokerette Radio, Working225
6. Westinghouse Model RC Radio175
7. Amplion Horn Speaker, Exc.195

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ELECTRON TUBES – ST SHAPE

50, ST16, same size as 2A3.....\$16 50, ST19, large size.....\$20

ELECTRON TUBES – ANTIQUE GLOBE SHAPE

37/237.....\$5	42/242.....\$7	45/245/345/445.....\$12
50/250/350/450.....\$30	56/256.....\$5	80/280/380/480.....\$9
585.....\$25	843.....\$7	10/210/310/410.....\$11
UV201, with top tip.....\$12	UV202, with top tip.....\$20	UX 216/216B.....\$7

TRANSMITTING TUBES

211/VT4C.....\$12 845/VT43.....\$22

WESTERN ELECTRIC TUBES

VT1.....\$16	VT2/205 B.....\$30
101D/F/L.....\$6	102D/F.....\$6
104D.....\$8	101/102/104, tennis ball shape.....\$16
D86326/D86327.....\$16	205D/E, tennis ball shape.....\$30
205F.....\$14	211D/E.....\$30
217A.....\$15	242A/B/C.....\$22
247A.....\$6	252A.....\$100
262B.....\$8	271A.....\$20
275A.....\$15	276A.....\$22
300A.....\$100	300B.....\$70
310A, mesh plate.....\$7	339A.....\$12
347A.....\$8	348A.....\$8
350B.....\$24	VT 25/25A.....\$6
	216A.....\$15
	244A.....\$6
	262A.....\$12
	274A/B.....\$30
	284D.....\$60
	301A.....\$10
	345A.....\$8
	349A.....\$6
	VT52.....\$10

*NOTE: All above prices are for "New, in Original Box" tubes.
As for "Used" tubes, write for details.*

WESTERN ELECTRIC EQUIPMENT – FOR THEATER & STUDIO

Drivers & Horns.....555(W), 594(A), 597A/B, 22A, 24A, 25A etc.
 Speakers.....TA4151, 4153, 4181, 4191, etc.
 Transformers.....171, 197, 618, etc. (List available)
 Cartridges & Arms.....1A, 3A, 4A, 7A, 9A, 10A, etc.

*NOTE: We eagerly look for the above W.E. Theater & Studio equipment.
We pay much more than any dealers in the U.S.A. Please inform us of their prices
or your expected prices. We will never disappoint you.*

ALSO BUYING

G.E. Variable Reluctance Cartridges: RPX 040/041/050, VR2, etc.\$20
 Needles for above G.E. Cartridges: for 33/45 RPM .\$.2 for 78 RPM.....\$4
 Tone Arms: FA 21A (G.E.), 108B/206/208(Gray) & for above cartridge.\$25
 Tube Sockets: UX 4-pin & UY 5-pin, Ceramic/Micanol with mount base type.
 Amphenol, James Millen & etc. We need large quantities.
 Please quote them and ask for details.

TRIAL ELECTRIC PRODUCTS, INC.

409 Yotsuya Sun Heights, 6-1 Yotsuya 4 Chome, Shinjuku, Tokyo 160 Japan

ANTIQUE RADIO CLASSIFIED

CLASSIFIED ADVERTISING POLICY

FREE 20-WORD AD for subscribers in each issue; additional words are 10¢ each. See details below. All classified ads must be received (not just postmarked!) by the ad deadline. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see masthead for payment methods.)

Please write each ad on a separate sheet of paper, especially when included with other A.R.C. correspondence. A 3 x 5 card is suggested if the ad is short. Ads may be sent in advance; again, write each ad on a separate piece of paper and indicate the month you want the ad to run.

Please write legibly. Some numbers and letters can look alike, for example 1, l and I (the number one, the capital i and the small L.) Write the following characters clearly:
1, l and I O, o, Q and D r and n 6, b and G V, U, u, v and Y A and R 5, S and s 2, Z and z

We try to correct spelling errors, so when using an uncommon word or manufacturer which looks similar to a common word or manufacturer, note it so that we do not "correct" it. Editor's comments are in [brackets].

Advertisers, please describe fairly all items and identify reproductions, reprints and not-original items. Please respond promptly to inquiries and orders, and resolve problems promptly if the buyer is not satisfied.

Publisher reserves the right to edit ads without notification to the advertiser and to reject any ads. Publisher is not responsible for errors due to illegibly written ads or for any other reason; if requested, the ad will be run in the next available issue at no charge for errors due to A.R.C. All ad rates and details are subject to change by the publisher.

CLASSIFIED AD DETAILS

Classified ads must have a standard heading such as **WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, HELP**, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. Wanted and For Sale ads are mixed together to encourage the reading of all ads, including the Wanted ads. This standard ad format makes scanning the ads easier for readers who are searching only one category.

Before writing your ad, please look over the ads in a recent issue of A.R.C. and try to write your ad in the same style.

To encourage varied content of the ads, multiple insertions of the same classified ad are limited to two successive months. (To run an ad continuously, use a boxed-classified or display ad.)

CLASSIFIED AD COSTS

Subscribers:

First 20 words: **FREE**. Write **SUB#** on ad.
10¢ per word for extra words over 20 plus
10¢ per word for a shaded ad (count all words including free words.)

Non-Subscribers:

20¢ per word plus
10¢ per word for shaded ad.

Please do not forget to send in the extra 10¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated and it will help to keep A.R.C. healthy.

COUNTING WORDS

The standard headings: **WANTED, FOR SALE**, etc., count as **one word** each time used in an ad.

Name, address and telephone number, count as **6 words**, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. (Note: "Jim, (111) 111-1111" also counts as 6 words.) So, please include complete name & address in your ads.

After the above "seven" words, **13 words are left for the rest of the text of a free 20-word ad.**

BOXED CLASSIFIED AD DETAILS

Boxed classified ads run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with For Sale, etc. Boxed classified ads are placed with the display ads on the lower portion of the page.

BOXED CLASSIFIED AD COSTS

Minimum run is 3 months, prepaid.

Non-shaded ads:

10¢ per word for all words*, none free, plus
10¢ per word for each bold word plus
10¢ per word for each all-caps word.

Shaded Ads:

20¢ per word for all words* plus
10¢ per word for each all-caps word.
Note: All words in shaded ads are bold.

Non-Subscribers:

Add 10¢ per word to above costs.

* Three of the total words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

The deadline for ads with drawings or photos is the first of the month.

Although the column on the magazine page you are holding is 2 1/4" wide, the artwork given to the printer has columns 3 9/16" wide. The printing process reduces everything to 63% of the original.

Drawings should fit within the 3 9/16" column. If a drawing is too large or too small, it must be re-sized photographically for an extra charge. Photos may be of any size since all must be converted to a half-tone for printing; in the process, the photo size can be changed.

PHOTO AND DRAWING COSTS

One-time charge of \$5.00 (no charge for drawing if size is OK) plus
\$1.00 per 1/2 inch (on artwork) per month.

Drawings also may be requested to be run free and will be printed at the option of A.R.C. and as space permits.



ANTIQUE RADIO CLASSIFIED



SECOND CLASS
POSTAGE PAID
at Carlisle, MA

A.R.C., P.O. Box 2, CARLISLE, MA 01741
RETURN POSTAGE GUARANTEED

TO:

CUB# = 28-722
CLARENCE E FILLEY
1109 SOUTH 2ND ST
HAMILTON

MT

59840

EXP=SEP88

POSTMASTER: Deliver Promptly

CLASSIFIED AD
DEADLINE JUL. 10TH