

OLSON ELECTRONICS 260 So. Forge St. Akron, Ohio 44308

Olson

Electronics for the home

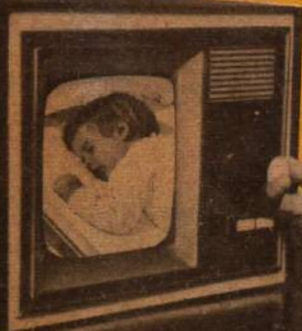
SALE ITEMS — Only As Indicated Throughout The Catalog.
Values and Stocks On Many Items Are Limited

YOUR FAMILY — YOUR HOME
YOUR BUSINESS NEEDS THIS SECURITY

We Honor:

Your
BANKAMERICARD
wherever he or she

or



Olson **TV-COM** closed circuit
**TV INTERCOM
SYSTEM**

with 2-way sound
... it puts you in control!

Now, from the safety of your living room, kitchen, bedroom, or office, you can see and hear what is going on in any area you want to monitor. Talk to and see the stranger who rings your doorbell . . . watch over baby's room . . . keep surveillance over the cars in your parking lot . . . prevent theft . . . avoid danger! You can do it all with this easy-to-set-up closed circuit television system . . . you just plug it in and it's ready to use!

Please see page 46 for details.

SEE PAGE 7 FOR ORDER FORM
CATALOG EXPIRES JULY 5, 1971
CATALOG 571 COPYRIGHT 1971

See these important pages
46 to 49 for the world's most compact closed circuit TV
protective system and other security items for home
and business . . . 2 to 2A for superb high
fidelity equipment . . . 40, 41, 78 &
79 and throughout this catalog
for **NEW & SALE** items
Mom, Dad & I
Grad. Index p. 79

*MONTHLY PAYMENT CHART, See Page 18

Olson Exclusive!

Stereo Components by VOXSON



FREE!
38
PEARLS

240 WATT STEREO RECEIVER

Low Silhouette Cabinet In Gorgeous Italian Rosewood

Unmatched Italian Styling

Stereo tuner and amplifier combined in one long, low, superbly styled unit. The way it looks will tell you how it's going to sound . . . even before you hear it.

Olson RA-285 *\$20 Monthly \$380

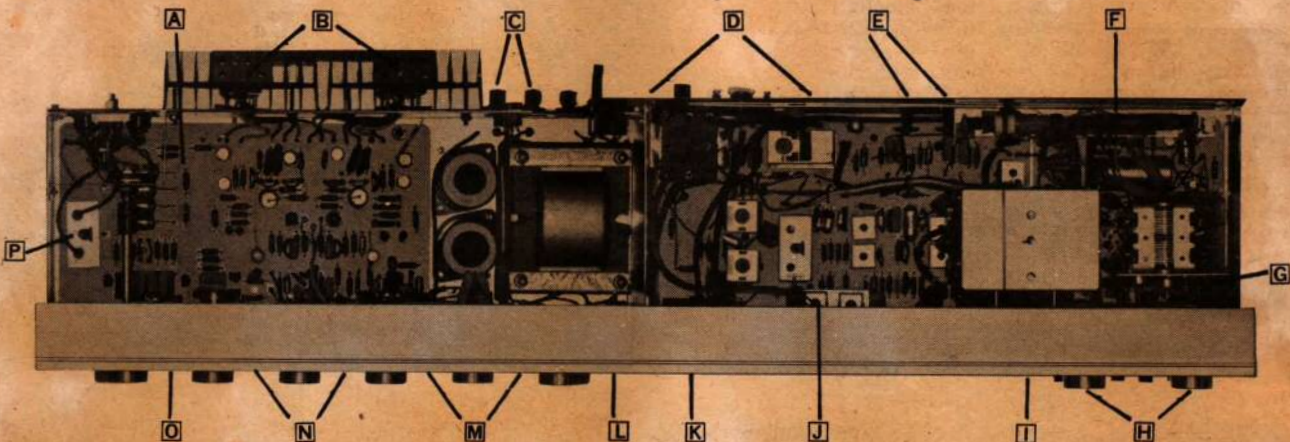
The Tuner Gives You:

- ★ FM-AM-FM Stereo—SW, LW Bands
- ★ Illuminated Tuning Meter
- ★ Stereo Station Indicator
- ★ Separate FM and AM Tuning Dials

The Stereo Amplifier Features:

- ★ Distortion Level Indicators
 - ★ All Solid State Circuitry
 - ★ Response: 20 to 20,000 Hz
- Size: 31" W. x 5" H. x 7" D. 110-120 volts AC 50/60 Hz. Shipping weight 27 lbs.

Precision Is The Key To Quality



- A** Computer Type Circuitry For Utmost Reliability
- B** Silicon Power Transistors Offer Clean, Dependable Music
- C** Fuse Protected Speaker and AC Lines Eliminates Damage To Internal Components In Event Of Shorts
- D** DIN Type Connections Offer Easy No Tool Hook-Up

- E** Tuner Level Adjustments Permit Equal Volume Level On Phono and Tuner
- F** Built-In Calibrated Antenna For AM and SW
- G** Gear Drive Tuning For Easy, Precise Station Tuning
- H** Separate FM and AM Tuning Dials Permits Your Favorite Station To Always Be Pre-Tuned

- I** FM AFC Switch Reduces Station Drift
- J** SCA Filter Eliminates Background Noise
- K** Precision Tuning Meter Lets You See Station's Signal
- L** Headphone Jack For Private Listening

- M** Hi-Lo Switches Filter Unwanted Rumble and Tweeter Hiss
- N** Distortion Level Indicators Alert You When Volume Is Set Too High
- O** Loudness Switch Boosts Response At Low Level Listening
- P** Pre-Amp Module Enables Use Of Wide Range Magnetic Phono Cartridges

COMPLETE STEREO SYSTEMS



FREE!
65
PEARLS

SAVE! \$72⁵⁰
\$650

- Olson AS-425**
Low Monthly Terms Available
- 1—Voxson Stereo Receiver **Olson RA-285** \$380.00
 - 1—Garrard SL-95B Stereo Changer (Pg. 27) 129.50
 - 1—Pickering Diamond Stylus Cartridge01
 - 1—Changer Base 6.50
 - 1—Changer Dust Cover 6.50
 - 2—"Ditton 15" Speaker System (Pg. 16) 2 for 200.00
- Individual Catalog Prices \$722.51

FREE!
54
PEARLS

Ready to Plug & Play
SAVE! \$57⁵⁰
\$540

- Olson AS-390**
- 1—Voxson Stereo Amplifier
 - 1—Voxson Stereo Tuner Both \$400.00
 - For
 - 1—Garrard SLX 3 Changer Module (Pg. 26) 99.50
 - 2—Olson S-43 2-Way Speaker System 2 for 98.00
- Individual Catalog Prices . . . \$597.50



Unsurpassed Quality and Elegance!

COMPUTER TYPE CIRCUITRY FOR UTMOST RELIABILITY

Olson "In The Lab Report" AM-375 RA-235 RA-285

Now sold only at Olson are the Voxson stereo components made by one of the leading European manufacturers of audio equipment.

Attractive stylish components, equipped with just about every feature you could hope for (plus some that you might never even have thought of). The Voxson components offer an elegantly designed exterior as well as a precision circuit arrangement to please the hi-fi/stereo buffs with modest pocketbooks.

The component front panels are functional and easy-to-operate.

Tuner front panel consists of: separate FM & AM tuning dials which enable a favorite station to always be pre-tuned; a precise tuning meter is illuminated for easy viewing; six push-button function selectors for FM (88-108 MHz), FM stereo switching, AM (540-1620 KHz), SW (5.8-31 MHz), LW (150-350 KHz) plus wire radio band which can only be used in European countries. Rocker type switches are used for FM AFC which reduces station drift, and the AC power (on-off) switch. Tuner has superb sensitivity with excellent FM stereo separation. Receiver can rank among the best as a world-wide receiver.

Amplifier front panel features: 6 easy action controls for function selection, volume, balance, treble, bass, and normal/reverse channel switching. Rocker type switches are used for mono/stereo, tape monitor, loudness which boosts response at low level listening, high filter that reduces high frequency scratch and hiss; low filter reduces rumble when using changer, etc. Last switch is used for power (on-off).

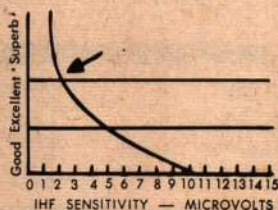
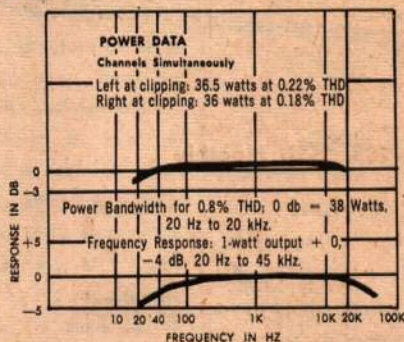
Distortion level indicators alert you when volume is turned too high (lights start to flicker).

Rear panel of amplifier uses DIN type connectors for phono, tape, aux, tuner, and tape output. Adapters are included for converting DIN jacks over to use standard RCA type phono connectors. Amplifier will accept magnetic or ceramic phono cartridge. AC and audio circuits are protected by individual fuses in each line. Two convenience outlets enable the amplifier to be used as the main AC power source.

The amplifier produces clean, undistorted sound at

levels well over what the human ear can bear in volume level.

All the Voxson components feature brushed aluminum front panels and include a beautiful rosewood cabinet at no extra cost.



PERFORMANCE SPECIFICATIONS

RA-285—RA-235 Tuner — 17 transistors, 20 diodes plus zener diode stabilizers. Sensitivity: Superb(all bands), Capture Ratio - 2.0 db. Multiplex separation: 30 db. Operates on 110-120 volts AC, 50/60 Hz.

AM-375—RA-285 Amplifier—All Silicon Transistors. 26 total. 15 diodes. Output: 240 watt. Total IHF power; Bandwidth: 20 to 20,000 Hz @ 0.2% distortion; Bass control gives a ± 15 db variation @ 40 Hz; Treble control gives a ± 10 db variation @ 15 KHz.; Signal to noise ratio is better than 60 db at Phono input. Output impedance 4 to 16 ohms. Operates on 110-120 volts AC, 50/60 Hz.



VOXSON STEREO TUNER

FREE!
20
PEARLS

Olson RA-235
\$10 Monthly

\$200

- ★ FM-AM-FM Stereo—SW, LW Bands
- ★ Separate FM and AM Tuning Dials
- ★ Illuminated Tuning Meter
- ★ Stereo Station Indicator
- ★ Handsome Rosewood Cabinet
- ★ Push-Button Function Selectors
- ★ Size: 15½" W. x 4¾" H. x 7½"
- ★ D. 110-120 V. AC. 60 cps. Shipping weight 12 lbs.



VOXSON 240 WATT STEREO AMPLIFIER

Olson AM-375
\$10 Monthly

\$200

FREE!
20
PEARLS

- ★ Solid State Circuitry
- ★ Outstanding Performance
- ★ Unmatched Italian Styling
- ★ Gorgeous Rosewood Cabinet
- ★ Response: 20-20,000 Hz
- ★ Distortion Level Indicators
- ★ Size: 15½" W. x 4¾" H. x 7½" D.
- ★ 110-120 V. AC 60 cps. Shipping weight 15 lbs.

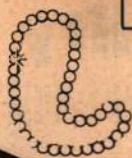
* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 3

Olson *Electro-Voice*

STEREO RECEIVERS and SYSTEMS

FREE
25 PEARLS



110 WATT STEREO FM-AM

Compare these features: ★ Advanced Solid State Circuitry ★ Black-Out Dial Glass ★ Linear Type Slide Controls ★ Built-In FM-AM Antenna ★ Includes Walnut Cabinet at No Extra Cost ★ Precision Tuning Meter ★ FM Stereo Indicator.

★ Stereo Headphone Jack ★ Main and Remote Speaker Switch ★ 75 and 300 Ohm FM Antenna Terminals ★ Inputs for Ceramic and Mag. Phono Plus Tape ★ Superb FM-AM Sensitivity ★ Frequency Response: 15 to 25,000 Hz ★ MPX Separation: 35 db. Size 17" W. x 5" H. x 13½" D. Operates on 110 to 120 V. AC, 60 cps. Shpg. wt. 23 lbs.

Olson RA-110
*15 Monthly **\$250**

COMPLETE STEREO SYSTEM

- 1—RA-110 Receiver \$250.00
- 2—Olson 2-Way Speaker Systems, S-52 (p. 17) \$190.00
- 1—Garrard SLX-2 Changer Module (p. 26) \$ 69.50

- 1—HF-65 20' Speaker Wiring Harness99

Olson AS-430 **\$435**

*\$25 Monthly
SAVE \$75.49 from Individual Catalog price, \$510.49



FREE! "Add-On" Extension Speakers

With the purchase of RA-300, RA-110 or AS-430, AS-865. Specifications S-77, p. 18.

All You Need To Connect Your Olson Stereo System

STEREO HEADPHONES ADD GREATER LISTENING PLEASURE Complete Selection p. 24



FREE
36 PEARLS

Our Finest Receiver . . .

250 WATT STEREO FM-AM

★ Superb Sensitivity ★ 250 Watts IHF Music Power ★ Distortion: 0.3% at Full Output ★ Resp.: 15-25,000 Hz. ★ Capture Ratio: 2.5 db ★ Multiplex Separation: 35 db. Size: 17" W. x 5" H. x 13½" D. 110-120 V. AC, 60 cps. Shpg. wt. 23 lbs.

Quality Features

• Speaker Selector Switch. Push-button Selectors. Stereo Indicator Lamp. Tape Input/output and

Headphone Jack. Walnut Enclosure. New Slide Controls. Tape Monitor. Built-in FM-AM Antenna.

• Two Ceramic Filters plus two Integrated Circuits in the IF Section offer superb selectivity, excellent interference rejection, and low distortion.

• An integrated circuit in the multiplex section provides outstanding stereo separation and reduces distortion.

• The powerful output section of the receiver is all Silicon Solid



FREE
55 PEARLS

State with eight transistors rather than four. The additional silicon devices plus oversize heat sink, and thermal protection circuitry provides the ultimate in high power dependability.

Olson RA-300
*\$20 Monthly **\$360**

ACCESSORIES

- Indoor FM Dipole Antenna Olson AA-211 \$1.29
- 20 Ft. Speaker Wiring Cable Olson HF-6599

COMPLETE STEREO SYSTEM

- 2—Olson S-77 Speakers FREE
- 1—RA-300 Receiver \$360.00
- 2—Olson "Ditton 15" Speakers, S-39 (p. 17) \$200.00
- 1—Garrard SL-55B Changer (p. 26) 59.50
- 1—Empire Diamond Stylus Cartridge01
- 1—Changer Base 5.50
- 1—Olson HF-65 Speaker Cable99

Olson AS-365 **\$550**

SAVE \$76 from Ind. Cat. price \$626.00



Olson 175 WATT STEREO FM-AM RECEIVER

- ★ Solid State Electronics
- ★ Super Sensitive FM-AM Tuner
- ★ FM Stereo Indicator
- ★ Full Phono and Tape Facilities with Tape Monitor
- ★ Response: 30 to 20,000 Hz.

- ★ Automatic FM Stereo Switching
- ★ Loudness Contour-Boost Response
- ★ Hi-Low Filters
- ★ Circular Illuminated Tuning Dial
- ★ "Blackout" Dial Glass
- ★ Impedance: 4-16 ohms.

★ **Unique Styling**
★ **Power to Spare**

The All new Olson RA-290 is truly an innovation of today's stereo receivers. Good to look at, easy to hookup and operate but designed to a professional's taste to give you many hours of music enjoyment. Size 18 1/2" W. x 5 1/4" H. x 14 3/4" D. Operates on 110-120 Volts AC, 50/60 cps.. Shipping weight 27 lbs.

ACCESSORIES:

- Changer Mounting Board Enables use of Garrard Changers SL-72B, SL-75B, and SL-95B on Top of RA-290 for Compact Use. **\$3.98**
- Olson CA-445 **\$3.98**
- INDOOR FM DIPOLE ANTENNA **\$1.29**
- Olson AA-211 **\$1.29**



Olson RA-290
\$15 Monthly
\$300

Olson "In The Lab Report" RA-290

The Olson RA-290 is a receiver that offers excellent performance and an abundance of features. It can serve as the heart of any first-rate home entertainment system. Its unique front panel design with its circular illuminated tuning dial and assortment of knobs, switches, and levers is stylish and easy to operate. FM tuning is aided by two meters—one for signal strength and one for center of channel adjustment plus an FM stereo indicator light. Easy set slide controls are used for volume, balance, bass and treble. Rocker type switches for loudness (low level response boost), hi-lo filters (reduces tweeter, hiss and rumble noises), FM muting (eliminates interstation tuning noise), tape monitor and stereo/mono mode.

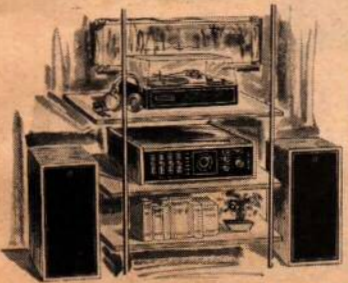
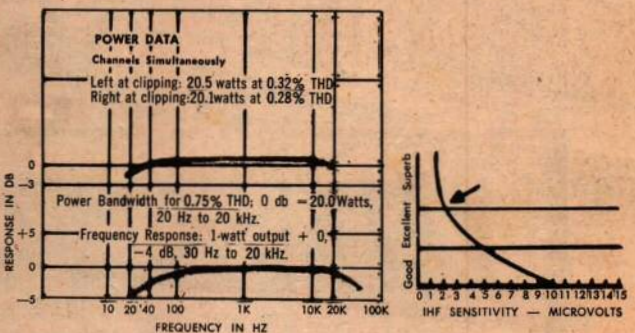
Unusual features include: 4-way speaker selector switch that enables use of headphones, main speaker system or remote speaker system or both, tape input and output jacks front mounted for easy and convenient direct recording facilities plus stereo headphone jack. The rear panel contains push-on speaker terminals for ease of hookup, a full compliment of standard RCA phono pin jacks for phono (mag or cer), tape, aux, and tape output, AM antenna, convenience outlet, FM and AM antenna terminals plus circuit breakers to protect the speaker and AC lines.

An extremely sensitive FM/AM tuner and smooth responsive distortion free amplifier can be credited to its advanced solid state circuitry. The newest technique from FET, IC's and silicon transistors are used to make up this fine receiver.

Another unique feature of this unit is that it can easily be used as a compact system with the optional changer mounting board which accepts Garrard models SL-72B, SL-75B, and SL-95B. Simple plug-in hookup to jacks already installed on the inside of the unit.

PERFORMANCE SPECIFICATIONS:

- TUNER:**
Superb FM/AM Sensitivity; Stereo Separation: 32 db; Capture Ratio: 2.9 db.
- AMPLIFIER:**
Transistors total 30, 22 diodes, FET & IC, Output: 175 watts total IHF; Total Harmonic Distortion: less than 0.5% @ 1K Hz; Response: 30 to 20,000 Hz; Bass control gives a ± 12 db @ 50 Hz; Treble control gives a ± 10 db @ 10K Hz; Output Impedance: 4 to 16 ohms.



- ### COMPLETE STEREO SYSTEM
- Ready For Your Enjoyment
- 1—Olson RA-290 175 Watt Stereo Receiver (Above) **\$300.00**
 - 1—Garrard SLX2 Changer Module (Pg. 26) **69.50**
 - 2—Ditton 15 Speaker Systems Olson S-39 (Pg. 17) **2 for 200.00**
 - 1—Olson PH-174 Deluxe Stereophone (Pg. 24) **20.00**
 - 1—Olson HF-65 20" Speaker Wiring Harness **.99**
 - Individual Catalog Prices **\$590.49**

PLUS FREE! 52 PEARLS **Save \$70.49** Olson AS-426 **\$520**

ACCESSORIES: INDOOR FM DIPOLE ANTENNA Olson AA-211 **\$1.29**
Complete Selection of Plugs, Jacks, Adaptors and Audio Cables (Pg. 23)

*MONTHLY PAYMENT CHART, See Page 18

COMPLETE COMPACT HOME ENTERTAINMENT CENTER

- 1—Olson RA-290 175 Watt Stereo Receiver (above) **\$300.00**
- 1—Garrard SL-72B Changer (Pg. 27) **89.50**
- 1—Empire 999E/X Ellipt. Diamond Cartridge (pg. 29) **.01**
- 2—Olson 3-Way X-AIR Speaker Systems (pg. 17) **2 for 300.00**
- 1—Compact Mounting Board for Changer CA-445 **3.98**
- 1—Tinted Dust Cover (CA-415) **3.98**
- 1—Olson PH-192 Professional Stereo Headphone (pg. 24) **30.00**
- 1—Olson HF-65 20" Speaker Wiring Harness **.99**
- Individual Catalog Price **\$728.48**

PLUS FREE! 64 PEARLS **SAVE! \$88.46** **\$640** Low Monthly Terms Available

ACCESSORIES: INDOOR FM DIPOLE ANTENNA Olson AA-211 **\$1.29**
Complete Selection of Plugs, Jacks, Adaptors and Audio Cables (Pg. 23)

SAVE 50%
ON PSYCHEDELIC LIGHTING EQUIPMENT



See Page 50 for Details.



2 FREE!
"Add-On" Extension Speakers With Purchase of RA-290 or Systems (Below) Reg. \$10 Val. See Olson S-77 (Pg. 18) for Specifications.

PLUS FREE!
30 PEARLS

COMPLETE

Home Entertainment Center Enjoyment For You & Your Family

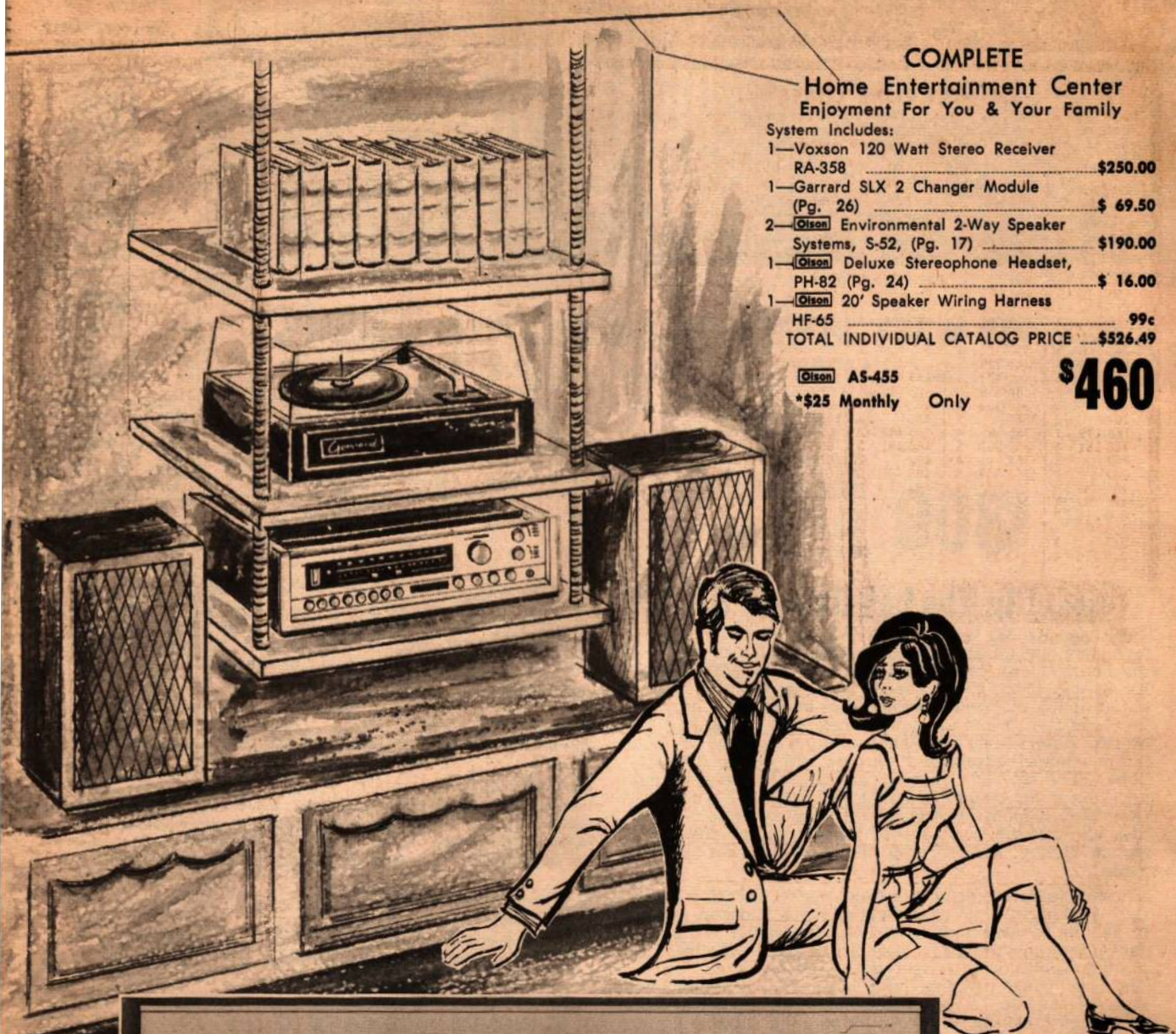
System Includes:

- 1—Voxson 120 Watt Stereo Receiver
RA-358 **\$250.00**
- 1—Garrard SLX 2 Changer Module
(Pg. 26) **\$ 69.50**
- 2—Olson Environmental 2-Way Speaker
Systems, S-52, (Pg. 17) **\$190.00**
- 1—Olson Deluxe Stereophone Headset,
PH-82 (Pg. 24) **\$ 16.00**
- 1—Olson 20' Speaker Wiring Harness
HF-65 **99c**
- TOTAL INDIVIDUAL CATALOG PRICE \$526.49**

Olson AS-455

*\$25 Monthly Only

\$460



FREE
25
PEARLS



**DOLLAR FOR DOLLAR . . .
FEATURE FOR FEATURE . . .
YOUR BEST BUY**

VOXSON 120 Watt Stereo FM Receiver

Made in Italy—Olson Exclusive

Olson RA-358
*\$15 Monthly

\$250

- Excellent Sound With Any Speaker System
- Includes Rosewood Cabinet at No Extra Cost
- Advanced Solid State Computer Type Circuitry
- Main and Remote Speaker Switch

A complete compact stereo sound center that offers more outstanding features per cubic inch than any receiver in its price class. These features include excellent FM sensitivity from its FET front end, automatic stereo indicator lamp, precision tuning meter, advanced FM muting circuit eliminates inter station tuning noise, inputs for magnetic or ceramic phono and tape, plus tape output jacks for direct re-

cording. Push-button switches for FM AFC, tape monitor, hi-low filters, loudness, mono/stereo mode plus power on/off. Has stereo headphone jack, distortion level indicators alert you when volume is set too high, 300 and 75 ohm antenna terminals, plus DIN and standard RCA/type pin jacks for easy and universal hookup. Output stages and AC line are fuse protected. Specifications: 38 transistors, 25 diodes, plus FET; Response: 20 to 20,000 Hz.; Capture Ratio: 3.5 db; MPX Separation: 80 db; Impedance: 4-16 ohms. Operates on 110-120 volts AC, 60 Hz. Size: 15½" W. x 4¾" H. x 7½" D. Shipping weight 20 lbs.

NOW EXCLUSIVE! Only From **Olson**

BRC **FERGUSON 100 Watt FM Stereo Receiver**



Compare These Quality Features

- ★ Made in England—Olson Exclusive
- ★ Slimline Design
- ★ Advanced Solid State Circuitry
- ★ Oiled Walnut Cabinet Included at No Extra Cost
- ★ Electronically Activated Tuning Indicators
- ★ Field Effect Transistor (FET) Improves Station Pickup

Size 21 1/2" W. x 3 3/4" H. x 9 7/8" D. Operates on 110-120 volts AC, 60 Hz. Shipping weight 19 lbs.



All You Need To Connect Your **Olson Stereo System**

Olson
RA-288

\$220

*\$10 Monthly

STEREO HEADPHONES INCREASE LISTENING PLEASURE Complete Selection Pg. 24



Olson "In The Lab Report" RA-288

The Ferguson stereo receiver is manufactured by British Radio Corporation, one of the leading manufacturers of high fidelity equipment in England. **Olson** is the exclusive distributor for this fine piece of equipment.

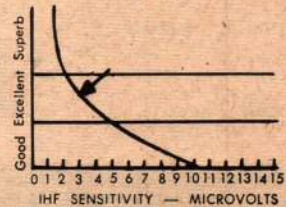
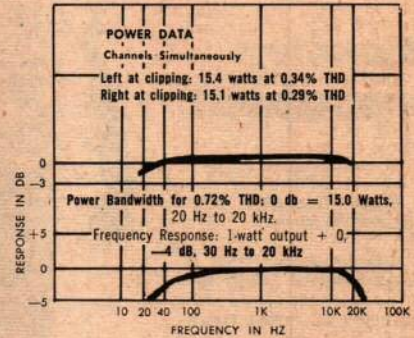
This all new receiver combines an extremely sensitive tuner with a clean high powered amplifier in a handsomely styled low silhouette walnut cabinet that is included at no extra cost.

The tuner section features unique electronic tuning which provides greater tuning accuracy and dependability. Electronically activated tuning indicators enable precise station tuning for maximum signal strength. FET (Field Effect Transistor) in front end improves station pickup.

Complementing the tuner section, the RA-288 amplifier offers high power, linear response, distortion free sound, and specifications you'd expect only in higher priced models.

Front panel style combines good looks from a black-out dial glass and brushed aluminum panel with a logical and easy-to-use control layout. Controls consist of: power on-off, bass, treble, balance, and volume. Nicely spaced push buttons for phono, tape, FM, aux, and stereo/mono mode, plus FM/AFC to eliminate station drift. Has headphone jack for private listening.

Rear panel features standard RCA phono jacks for phono, magnetic, or ceramic, tape, aux and tape out for direct recording. Has barrier type (short proof) speaker terminals and external 300 ohm antenna terminals.



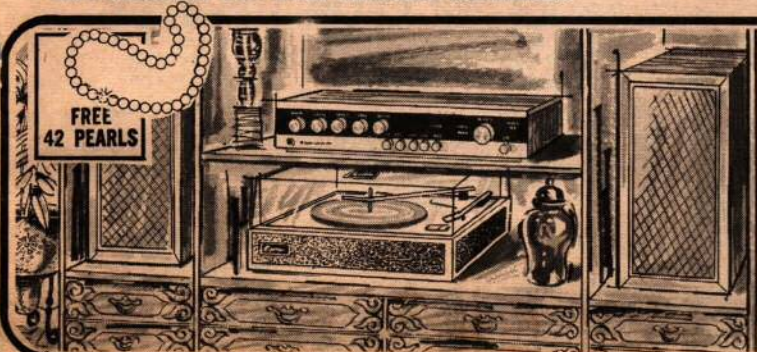
PERFORMANCE SPECIFICATIONS:

TUNER —

Excellent FM Sensitivity, Stereo Separation; 30 db. Capture ratio: 2.7 db.

AMPLIFIER —

Transistors total 37, 25 diodes. Output: 100 watts Total IHF music power. Total Harmonic Distortion: less than 0.5% @ 1 K Hz; Response: 30 to 20,000 Hz; Bass control gives ± 14 db. variation @ 50 Hz. Treble: + 12 db to -15 db — variation @ 10 K Hz. Signal to noise is better than 60 db @ .phono input. Output impedance: 4 to 16 ohms. Operates on 110-120 volts AC, 60 Hz.



COMPLETE HOME ENTERTAINMENT SYSTEM



MADE IN ENGLAND SAVE \$70.49 From Individual Cat. Prices

ENGLAND'S FINEST STEREO EQUIPMENT

- 1—Olson RA-288 100 Watt Stereo Receiver (Above) \$220.00
- 2—Ditton 15 Speaker Systems (S-39 Pg. 17) 200.00
- 1—Garrard SLX II Changer Module (Pg. 26) 69.50
- 1—Olson HF-65 20' Speaker Wiring Harness99

TOTAL INDIVIDUAL CATALOG PRICE \$490.49

*\$20 Monthly **\$420**

Olson AS-439

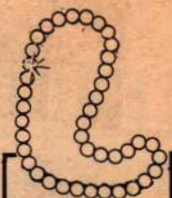
* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 9

Olson

60 WATT STEREO FM-AM RECEIVER

DISTINCTIVE FRONT PANEL DESIGN



FREE!
16 Pearls

FANTASTICALLY
LOW

\$160

- ★ Includes Walnut Cabinet At No Extra Cost
- ★ Hi-Lo Filters, FM AFC, and Loudness
- ★ FM Stereo Indicator

- ★ Full Tape and Phono Facilities With Tape Monitor
- ★ Excellent FM/AM Sensitivity
- ★ Frequency Resp: 20-20,000 Hz.
- ★ MPX Separation: 25 db

★ Impedance: 8 Ohms

Size: 14" W. x 5" H. x 11 1/2" D. Operates on 110-120 volts A.C. 60 cps. Shipping weight 17 lbs.

Olson
RA-280

\$10 Monthly

Quality Throughout

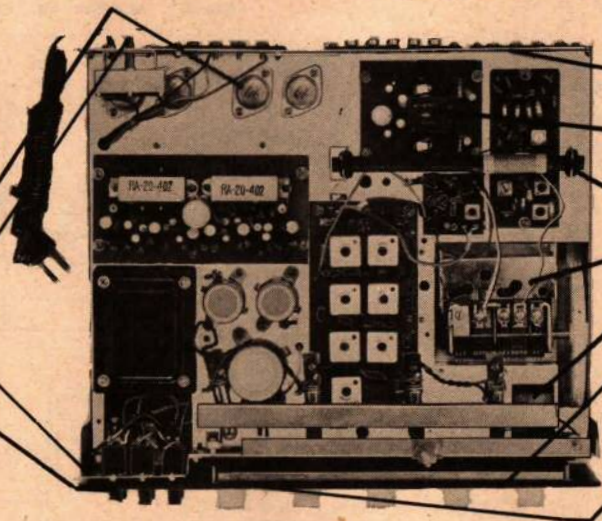
Silicon Power Transistors Offer Clean, Dependable Music.

Circuit Breakers Protect Line & Audio Circuits Against Shorts, Etc.

Headphone Jack For Private Listening.

Easy To Use Flip Tab Switches.

Solid State Stereo



Hook up Instructions Etched In Rear Panel.

Integrated Circuit (IC) In Critical Preamp Stages Enable Use Of Wide Range Magnetic Phone Cartridges.

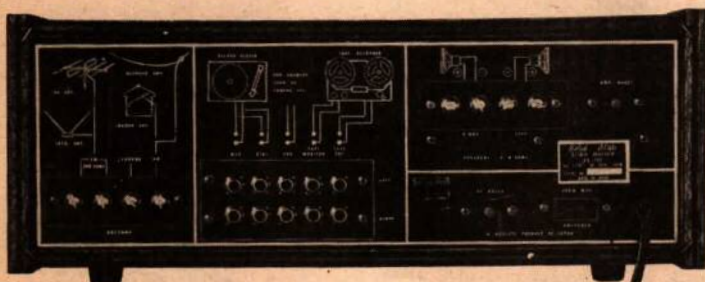
Built-In AM Antenna.

FET FM Front End Improves Station Pick Up.

Weighted Flywheel Tuning.

Blackout Dial Glass With Lighted Scrolled Dial.

FM Tuning Meter Permits Precise Tuning Of Station.



Fast, Easy Hook Up



COMPLETE STEREO SYSTEM

SAVE \$32.49

FROM INDIVIDUAL CATALOG PRICES

- | | |
|--|-----------------|
| 1— Olson 60 Watt Stereo Receiver (Above) | \$160.00 |
| 2— Olson 2-Way X-Air Speaker Systems S-131 (Pg. 19) | 2 for 32.00 |
| 1—Garrard SLX 2 Changer Module (Pg. 26) | 69.50 |
| 1—20' Speaker Wiring Harness HF65 | .99 |
| TOTAL INDIVIDUAL CATALOG PRICES | \$262.49 |

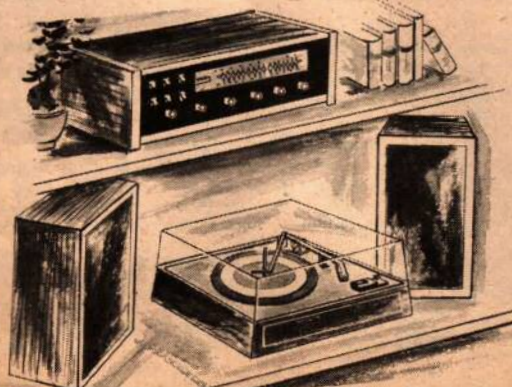
Olson AS-440 *\$15 Monthly

\$230

ACCESSORIES:

- | | |
|--|--------|
| Indoor FM Dipole Antenna Olson AA-211 | \$1.29 |
| Stereo Headphones Add Listening Pleasure Complete Selection (Pg. 24) | |

FREE!
23 Pearls



10 Olson Electronics

* MONTHLY PAYMENT CHART, See Page 18



2-Speed STEREO Turntable

The Choice Of The Professionals

- ★ Complete With Tone Arm, Walnut Base & Dust Cover
- ★ 2 Speeds: 33 1/3 & 45 RPM
- ★ Quiet, Smooth Operation
- ★ Precise Speed Regulation — Less Wow & Flutter Than Automatic Changers.
- ★ Counter Balanced Shock Mounted Tone Arm Minimizes Needle & Record Wear

Also Includes Audio Cables, Stylus Pressure Gauge, Plug In Cartridge Shell & Mounting Hardware. Size: 12 1/2" x 16 1/2" x 5 1/4" H. Operates on 110-120 Volts AC, 60 Hz. Shipping weight 20 lbs.

Less Cartridge

\$87

Olson RP-407 \$10 Monthly

SAVE! Turntable Cartridge Combination
STEREO ELLIPTICAL CARTRIDGE

EMPIRE PICKERING SHURE
YOUR CHOICE Only \$5 with Purchase of
AR Turntable. \$24.95 Value Separately.
PC-187 PC-170 PC-143 See pg. 29



Model AR-4X

8" 2-Way SPEAKER SYSTEM

Compact System At A Price

You Can Afford

- ★ 8" Acoustic Suspension Woofer Produces Realistic & Undistorted Bass Response
- ★ 2 1/2" Wide Dispersion Tweeter Delivers Crystal Clear Highs
- ★ Wide Range Response
- ★ Beautiful Oiled Walnut Finish
- ★ High Frequency Control Lets You Adjust The High Tones To Suit Your Ear.
- ★ Impedance: 8 ohms

Size: 10" x 19" x 9" D. Should be used with Amplifier of 15 watts Or More Per Channel. Shpg. wt. 24 lbs.

W. H. Clark, 8601 N. Meridian, Pleasant Lake, MI 49272 wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

Olson S-168

\$63

NEW FROM Olson

AR

ACOUSTIC RESEARCH

Stereo Components

Known throughout the
World for Their Precision,
Quality & Sound Repro-
duction.



Model AR-2AX

10" Deluxe 3-Way SPEAKER SYSTEM

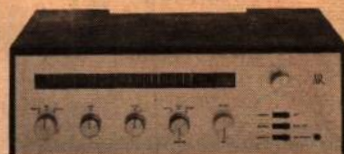
Concert Hall Realism

- ★ Advanced Acoustic Suspension 10" Woofer Provides Natural Deep Bass Response
- ★ Special 3 1/2" Midrange Adds Dimension To Sound Spectrum
- ★ Ultra High 3/4" Dome Tweeter Delivers Crisp, Clear Highs Beyond One's Hearing Capacity
- ★ Separate Level Controls Permit Adjustment Of Midrange & High Tones To What Sounds Best To You
- ★ Hand Rubbed Oiled Walnut Finish Blends With Any Decor Whether Placed On Floor Or Bookshelf
- ★ Impedance: 8 Ohms

Size: 18 1/2" x 24" x 11 1/2" D. Designed For Use With Amplifiers Rated at 20 Watts or More Per Channel. Shipping weight 42 lbs.

Olson S-169
*\$10 Monthly

\$128



120 Watt STEREO FM Receiver

Precision Quality—Distinctive Styling
Excellent Sound Reproduction

- ★ 60 Watts RMS Per Channel
- ★ Excellent Reproduction With Any Speaker System
- ★ Superb FM Sensitivity From FET Front End
- ★ Functional & Easy To Operate Control Panel
- ★ FM Muting Eliminates Inter-Station Tuning Noise
- ★ FM Stereo Indicator & Tuning Meter
- ★ Headphone Jack For Private Listening
- ★ Full Compliment Of Input Jacks For Magnetic Ceramic Phono & Aux. Plus Tape Output
- ★ Advanced Solid State Circuitry
- ★ Beautiful Brushed Gold Front Panel Housed In Stylish Case Blends With All Decors

Specifications: Response 20 to 15,000 Hz. Capture Ratio: 2 db or less; MPX Separation; 35 db; Power Output: 60 Watts RMS per Channel @ 4 Ohms. Impedance: 4-16 ohms. Size: 17 1/2" x 6" H. x 11 1/2" D. Shipping weight 35 lbs. Operates on 110-120 Volts AC, 60 Hz. Olson RA-371

So Much Quality **\$420** *\$25
For Only Monthly



Model AR-3A

AR's Finest 12" 3-Way SPEAKER SYSTEM

Studio Quality—Concert Hall Sound

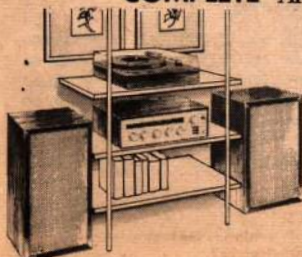
- ★ True Sound Reproduction Without Coloration
- ★ 12" Acoustic Suspension Woofer Produces Clean Deep Bass Below 30 Hz.
- ★ Massive 3/4" lb. Magnet On Woofer
- ★ Special Hemispherical Dome Midrange & Tweeter Add Clean, Vivid Tones With Greater Dispersion
- ★ Separate Midrange & Tweeter Level Controls Let You Adjust To The Right Amount Of Middle & High Tones To Suit Your Ear
- ★ Beautiful Oiled Walnut Finish
- ★ 4 Ohm Impedance Permits Maximum Performance Of Your Stereo System

Size: 14" x 25" x 11 1/2" D. Recommended Amplifier Power 25 Watts Or More Per Channel. Shpg. wt. 60 lbs.

Olson S-170
*\$15 Monthly

\$250

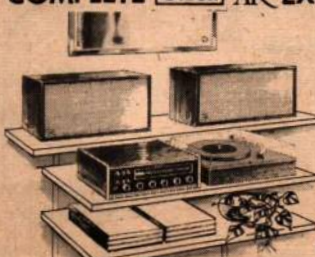
COMPLETE AR STEREO SYSTEM



SYSTEM INCLUDES:
AR 120 Watt FM Stereo Receiver RA-371 (Above) \$420.00
AR 2-Speed Turntable With Base & Dust Cover RP-407 (Above) 87.00
Empire 90 EE/X Stereo Elliptical Cartridge, PC-187 (Pg. 29) 5.00
Two-AR 3A 3-Way Speaker Systems (above) \$250.00 ea. 500.00
20' Speaker Wiring Harness HF-65 .99

Olson AS-451 COMPLETE FOR \$1012.99
Low Monthly Terms Available

COMPLETE Olson AR EXCLUSIVE STEREO SYSTEM



Olson 60 Watt Stereo Receiver RA-280 (Pg. 10) \$160.00
Two AR4X 2-Way Speaker Systems S-168 (above) \$63 ea. 126.00
AR XA 2-Speed Turntable with Base & Dust Cover RP-407 (above) 87.00
Pickering P/ATE Stereo Elliptical Cartridge PC-170 (Pg. 29) 5.00
20' Speaker Wiring Harness HF65 .99

Olson AS-450 COMPLETE FOR \$378.99
*\$20 Monthly

* MONTHLY PAYMENT CHART, See Page 18

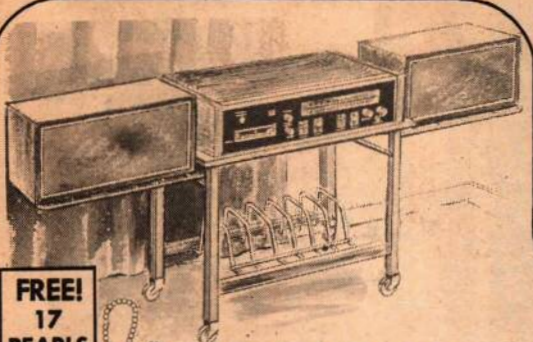
Olson Electronics 11

The "RollABOUTs" from Olson ... music on the move

ROLL ABOUT CARTS:

- ★ Select Hardwood Walnut Finish
- ★ Brass Plated Hardware

- ★ 2" Easy Roll Casters
- ★ All Are Available Separately



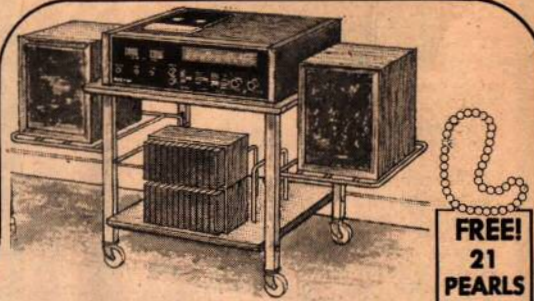
FREE!
17
PEARLS

THE BUDGET CART

- 1—Olson 8-Track Receiver RA-361 (pg. 14) \$150.00
- 1—Olson 2-Way Speaker Systems S-48 (pg. 19) pair only \$29.98
- 1—Olson HF-151 Pkg. of 2 6' Speaker Cables99
- 1—"Roll About" Component Cart CA-457 13.95
- Total Individual Catalog Price \$194.92

\$175

Olson AS-459 *\$10 Monthly



FREE!
21
PEARLS

THE ECONOMY CART

- 1—Olson FM-AM Casseiver RA-314 (pg. 13) \$159.99
- 2—Olson 2-Way X-Air Speaker Systems, S-131 (pg. 19) 2/32.00
- 4—Olson 60 Minute Blank Cassette Tapes, TA-604 (pg. 30) 4/6.00
- 1—CA-458 Roll About Component Cart 16.95
- 2—Cassette Storage Racks CA-438 (pg. 31) \$1.69 ea., 3.38
- 1—Olson Pkg. of 2 6' Speaker Cables, HF-15199
- Total Individual Catalog Price \$239.32

\$215

Olson AS-442 *\$15 Monthly

Complete for



FREE!
30
PEARLS

THE COMPACTA

- 1—Olson 85 Watt Stereo Receiver, RA-194 (pg. 14) \$150.00
- 2—Olson 10" 2-Way Speaker Systems, S-930 (pg. 17) 2 for \$120.00
- 1—Garrard SL-55B Changer (pg. 26) 59.50
- 1—Pickering V15/ACE-3 Diamond Elliptical Cartridge (pg. 29)01
- 1—Dust Cover, CA-415 3.98
- 1—Changer Mounting Board, CA-437 3.00
- 1—Deluxe Roll About Component Cart, CA-459 19.95
- 1—Olson 20' Speaker Wiring Harness, HF-6599
- Total Individual Catalog Price \$357.43

\$305

Olson AS-443 *\$20 Monthly



FREE!
46
PEARLS

THE CELESTIAL

- 1—Olson 75 Watt Stereo Receiver RA-195 \$185.00
- 1—Garrard SLX-2 Changer Module (pg. 26) 69.50
- 2—Ditton 15 Speaker Systems, S-39 (pg. 17) 200.00
- 1—Mobile Equipment Stand, CA-404 16.98
- 1—20' Speaker Wiring Harness99
- Total Individual Catalog Price \$472.47

\$460

Olson AS-415 *\$25 Monthly



FREE!
59
PEARLS

THE ENVIRONMENTAL

- 1—Olson 250 Watt Receiver, RA-300 (pg. 4) \$360.00
- 2—Olson 2-Way Environmental Speaker Systems, S-52 (pg. 17) 2 for 190.00
- 1—Garrard SLX-3 Changer Module (pg. 27) 99.50
- 1—Olson 20' Speaker Wiring Harness, HF-6599
- 1—Deluxe Roll About Component Cart, CA-407 29.99
- Total Individual Catalog Price \$680.48

\$590

Olson AS-444
LOW MONTHLY TERMS AVAILABLE



FREE!
69
PEARLS

THE CONTINENTAL

- 1—Vcxson 240 Watt Receiver, RA-285 (pg. 2) \$380.00
- 2—Olson 3-Way Speaker Systems, S-853 (pg. 17) 2 for 200.00
- 1—Garrard SLX-3 Changer Module (pg. 27) 99.50
- 1—Olson Stereo Cassette Deck, RA-275 (pg. 31) 89.00
- 4—Olson 60 Minute Blank Cassette Tapes, TA-604 (pg. 30) 4 for 6.00
- 1—Cassette Tape Storage Rack, CA-438 (pg. 30) 1.69
- 1—Deluxe Roll About Component Cart, CA-460 26.95
- Total Individual Catalog Price \$803.14

\$698

Olson AS-445
LOW MONTHLY TERMS AVAILABLE

STEREO HEADPHONES INCREASE LISTENING PLEASURE Complete Selection Page 24

**Olson 3-PC.
12 WATT
STEREO SYSTEM**

SALE



**FREE
8 PEARLS**

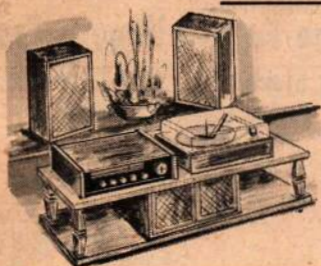
★ Deluxe 2-Way Speaker Systems ★ Sensitive FM-AM-FM Stereo Tuner ★ Inputs For Tape & Phono ★ Great For Rec Room, Dorm, Apartment, Etc. ★ Modern Black Out Front Panel ★ FM Stereo Indicator Lamp ★ Stereo Headphone Jack for Private Listening ★ Complete With 2-6 Ft. Speaker Cables ★ Beautiful Walnut Finish Cabinets

Size: Receiver: 16" W. x 4" H. x 5" D. Speakers: (ea.) 15½" x 10" x 5". Operates on 110-120 volts AC. 50/60 Hz. Shipping weight 33 lbs.

Olson AS-456
*\$10 Monthly

\$80

Olson 12 Watt Stereo FM-AM Receiver Separately
Olson RA-93 \$59
Accessories: Indoor FM Dipole Antenna
Olson AA-211 \$1.29
Stereophones Increase Listening Pleasure. Complete Selection Pg. 24



"COMPLETE MATCHED" STEREO SYSTEM

★ Includes everything you need; plugs, jacks, speaker cables, etc.

- | | |
|---|-----------------|
| 1—FM-AM-FM Mpx Stereo Receiver | \$59.00 |
| 2—3-Way Speaker Systems (S-90, Pg. 18) | 2/34.00 |
| 1—4-Speed Stereo Changer (RP-364, Pg. 28) | 19.99 |
| 1—Walnut Finished Changer Base | 3.89 |
| 1—AC Power Cable for Changer (W-535) | .99 |
| 2—Audio Cables for Changer (HF-49) | 79c; 2/1.58 |
| 1—Speaker Wiring Harness (HF-65) | .99 |
| TOTAL INDIVIDUAL CATALOG PRICES | \$120.44 |

AS-436

\$104

*\$10 Monthly

CASSETTE HOME ENTERTAINMENT CENTER

SALE



Olson 30 WATT CASSETTE FM-AM RECEIVER

Record Your Favorite Music As You Hear It
★ Unique Professional Design ★ Easy to Operate ★ Finished in Oiled Walnut ★ Built-in Stereo Cassette Recorder

RECORDER FEATURES: ★ Automatic Record Level Control ★ Dual VU Meters ★ Simple Push Button Controls ★ Records Directly from Tuner ★ Pop-Up Cartridge Eject System ★ Instant Pause Control.

RECEIVER FEATURES: ★ Dynamic Power Range ★ Excellent FM-AM Sensitivity ★ Illuminated Slide Rule Dial ★ New Slide Controls ★ Black-Out Front Panel with Chrome Knobs ★ Stereo Headphone Jack ★ FM Stereo Indicator ★ Inputs for Ceramic Phono or Tape ★ Impedance: 8 Ohms ★ Wide Range Response ★ Solid State Circuitry.

Size: 18½" W. x 10½" D. x 5½" H. Operates on 110-120 volts AC. 60 cps. Shipping weight 25 lbs.



**FREE!
16 PEARLS**

Olson RA-314

REG. \$190.

\$159⁹⁹

COMPLETE CASSEIVER ENTERTAINMENT CENTER

Olson FM-AM Stereo Casseiver
Two Olson 3-Way Speaker Systems
Garrard "Demi" Changer Module
Plus Olson Stereophones

Total Value When Purchased Separately \$242.92

SAVE! \$32.92

Olson AS-437
*\$15 Monthly

\$210



FREE!

10 1-Hour Olson Blank Cassette Tapes With The Purchase of RA-314 or AS-437.
Reg. val. when purchased separately \$12.50

O. F. Otto, 352 N.E. 75th Avenue, Portland, OR 97213, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 13



Olson Compact Stereo System

FM/AM Receiver with Matching Speakers Complete! Ready for Your Enjoyment

- ★ Solid State Circuitry
- ★ Ideal for Dorm, Home, Office, Etc.
- ★ Sensitive FM-AM Tuner
- ★ Dynamic Power Range
- ★ Beautiful Walnut Finish
- ★ 2 Extended Range Speaker Systems
- ★ Inputs for Ceramic Phono and Tape
- ★ Stereo Headphone Jack for Private Listening

Size: Receiver: 12" W. x 3" H. x 8 1/2" D. Each Speaker 11" x 8 1/2" x 3 1/2". Operates on 110-120 Volts AC, 60 cps. Shpg. wt. 12 lbs.

Olson RA-312

\$60

*\$10 Monthly

You'll Have to See and Hear it to Believe it!

SAVE \$9⁹⁵

From Individual Catalog Prices

Olson Compact Stereo System with Garrard "Demi" Changer Module (p. 28)



Olson AS-434 **\$90** *\$10 Monthly



FREE!
6 PEARLS



Complete Home Entertainment Center

NEW! Olson 30 Watt Stereo FM/AM Receiver ... Solid State with 8 Track Cartridge Player

- ★ New Easy Set Slide Controls
- ★ Plays Standard 8 Track Stereo Cartridges
- ★ Black Out Dial Glass
- ★ Excellent FM-AM Sensitivity
- ★ FM Stereo Indicator
- ★ Loudness Switch Boost Low Level Response
- ★ Headphone Jack for Private Listening
- ★ Illuminated Tape Channel Indicator
- ★ Wide Range Response
- ★ Impedance: 8 Ohms

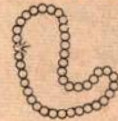
Size: 18 1/2" W. x 10 1/2" D. x 5 1/2" H. Operates on 110-120 volts AC, 60 Hz. Shpg. wt. 25 lbs.

Olson RA361

\$150

Less Speakers
*\$10 Monthly

FREE!
15 PEARLS



FREE! With the purchase of AS-452 Ampex Cartridge Tapes, Pkg. of 3, Pre-recorded. Reg. Value when Purchased Separately, \$21.00 Pkg.

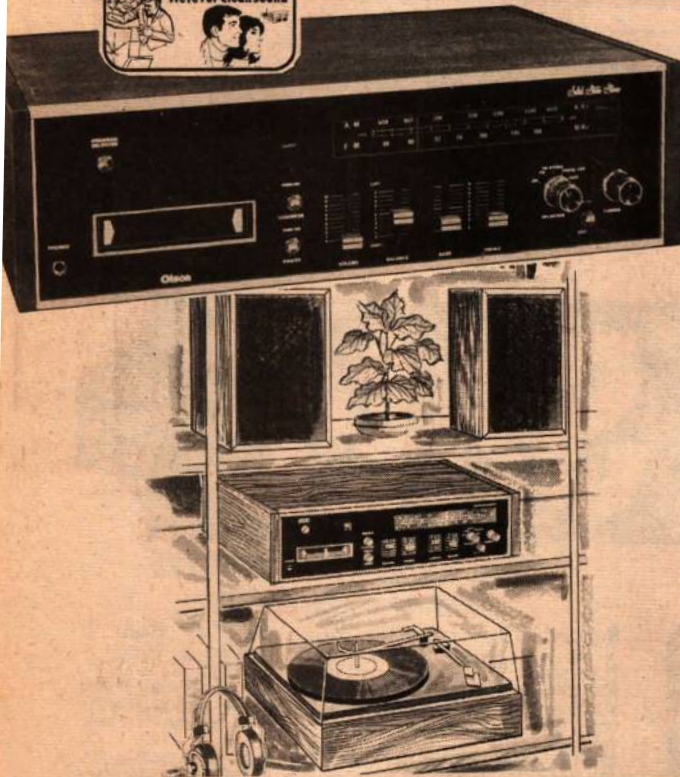
SAVE \$24⁵⁰ From Total Price of System When Purchased Separately at \$225.50

Olson Stereo Receiver with 8 Track Cartridge Player (Above)
Two Olson 2-Way Speaker Systems S-80 (Pg. 18)
Garrard 4-Speed Changer, Base & Dust Cover, RP-369 (Pg. 28)

Olson Stereo Headphones PH-140 (Pg. 24)

Olson AS-452

* \$10 Monthly **\$201**



Olson Powerful 85 Watt Stereo FM/AM Receiver

Features Found Only on More Expensive Models

- ★ Works Great With Any Speaker System
- ★ Includes Walnut Cabinet at No Extra Cost
- ★ Field Effect Transistor (FET) Improves Sensitivity
- ★ Solid State Electronics
- ★ Circuit Breaker Overload Protection
- ★ 2 Integrated Circuits (IC) for Utmost Reliability
- ★ Illuminated Slide Rule Dial

A complete stereo sound center that can be installed in a cabinet or simply located on a bookshelf or table. State-of-the-Art Electronics is enhanced by a F.E.T. in the FM front end and dual IC's in the critical pre-amp stages. Specifications—Amplifier: power output: 85 watts (42.5 w/channel). Response: 30 to 20 KHz. Inputs: phono, mag—phono, tape head, aux. High and low frequency filters—output impedance: 4-8 or 16 ohms. Tuner separation: more than 30 db at 1 KC. Size: 16 1/2" W. x 5 1/4" H. x 14" D. 110-120 V. AC, 50/60 cps. Shipping weight 25 lbs.

Olson RA-194

\$150

FREE!
15 PEARLS

*\$10 Monthly

All You Need To Connect Your Olson Stereo System



Olson Garrard Compacts
Now you can save space by converting to a compact system. Mounting board installs in minutes. Accepts Garrard 30-40-SL-55 and SL-65 Changers. Olson CA-437 Only \$3.00 With purchase of RA-194 and Garrard changer.



Free Pearls See Page 80



SAVE! Get all three **Olson** SOLID STATE "Stereo Mates" \$215

A Stereo FM-AM Tuner

★ Excellent FM-AM Sensitivity ★ Precision Tuning Meter ★ Black Out Front Panel ★ FM Stereo Indicator ★ Includes Walnut Cabinet at no Extra Cost ★ Tape Output Jacks ★ MPX Separation: 32db ★ Built-in AM Antenna ★ Mates With AM-395

Size: 11½" x 7¼" x 4¼" H. Operates on 110-120 volts A.C. 50-60 cps. Shipping weight 10 lbs.

Olson RA-310 *10 Monthly

\$89

B 60 Watt Stereo Amplifier

★ Works Fine With Any Speaker System ★ Modern Black Front Panel ★ Unique White Pin Stripe Accent ★ Flip-Tab Swiches ★ Main and Remote Speaker Switch ★ Stereo Headphone Jack ★ Oiled Walnut Cabinet ★ Frequency Response: 30-20,000 Hz. ★ Tape, Aux. and Mag Phono Inputs

Size: 11½" x 7¼" x 4¼" H. Operates on 110-120 volts A.C. 50-60 cps. Shipping weight 12 lbs.

Olson AM-395 *10 Monthly

\$89

C 8 Track Stereo Tape Deck

★ Plays Standard 8 Track Tape Cartridges Through Your Stereo System ★ Black Front Panel w/white Pin Stripe Accent ★ Automatic Start ★ Illuminated Channel Indicators ★ Walnut Cabinet ★ Manual Automatic Channel Changer ★ Cartridge Eject Push Button ★ Response: 50-15,000 Hz. ★ Simple Plug-in Connections

Size: 11½" x 7¼" x 4¼" H. Operates on 110-120 volts A.C. 60 cps. Shipping weight 10 lbs.

Olson RA-308 *10 Monthly

\$60

"Stereo Mate" System — Complete!

Enjoy your auto stereo tapes in the comfort of your home. "Stereo Mate" system features Olson "Stereo Mates" (above), Garrard SLX2 changer module (Pg. 26), Olson S-90 3-way speaker system (Pg. 18), 20 ft. speaker wiring harness, plus for your private or late hour listening pleasure the Olson PH-140 (Pg. 24) stereo headset is also included.

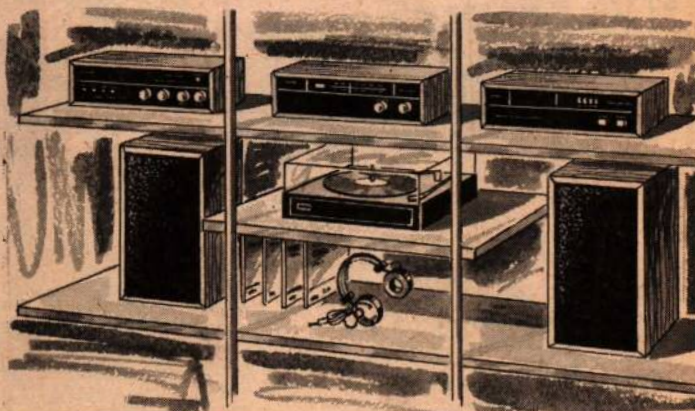
ACCESSORIES:

Indoor FM Dipole Antenna, Olson AA-211 \$1.29
Retractable Headphone Extension Cord, Olson HF-144 \$3.98
Complete Selection of Plugs, Adapters, and Audio Cables (Pg. 23)

SAVE \$48⁴⁹

from individual catalog prices

Olson AS-424 \$285
* \$10 Monthly
INDIVIDUAL CATALOG PRICE \$333.49



Olson 8 WATT STEREO AMPLIFIER

SOLID STATE CIRCUITRY



- ★ Response: 70 to 20k Hz.
- ★ 10 Transistor Circuit
- ★ Separate Tone and Volume Controls
- ★ Brushed Aluminum Panel
- ★ Inputs for Phono and Tuner

110-120 V. AC, 60 cps. Size: 8" x 4½" x 2¼". Shipping weight 8 lbs.

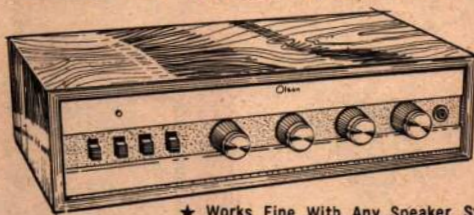
Olson AM-357 \$22⁹⁸

MATCHING STEREO SYSTEM

- 1 Olson 8 Watt Solid State Stereo Amplifier AM-357
- 1 Garrard Model 30 Stereo Changer RP-361 (See Pg. 28).
- 1 Changer Mtg. Base CA-396 2 X-Air Speaker Systems S-931 (Pg. 19).
- 1 Speaker Wiring Harness HF-65

Olson AS-256 \$72
*10 Monthly

Olson 20 WATT STEREO AMPLIFIER

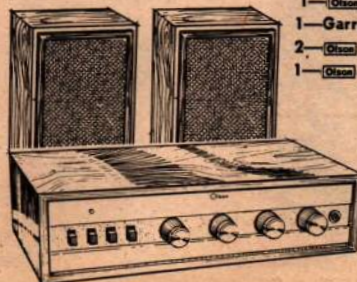


Olson AM-372 \$39⁹⁸

- ★ Works Fine With Any Speaker System
- ★ Bass & Treble Controls
- ★ Brushed Aluminum Panel
- ★ Main/Remote Speaker
- ★ Inputs for Crystal or Ceramic Phono Plus Tuner & Tape Recorder
- ★ Walnut Wood Cabinet
- ★ Stereo Headphone Jack Resp: 50 to 20,000 Hz.
- Size: 12¼" W. x 3¼" H. x 7½" D. 110-120 V. AC 60 cps. Shpg. wt. 7 lbs.

COMPACT STEREO SYSTEM

"The Mini System with The Big System Sound"



- 1—Olson AM-372 20W Stereo Amp.
- 1—Garrard "Demi" Changer (Page 28)
- 2—Olson S-931 X-Air Speakers (Page 18)
- 1—Olson HF-65 Speaker Wiring Harness

NO. AS-330 \$90
\$10 Monthly



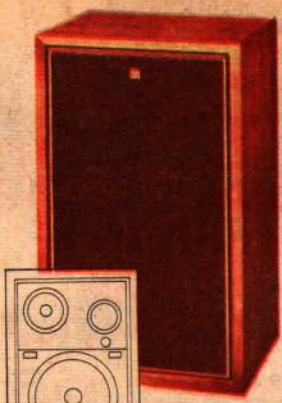
Olson Electronics 15

* MONTHLY PAYMENT CHART, See Page 18

FREE!
Pearls
 PLEASE
 SEE PG 80
 FOR DETAILS



A
 Olson S-52
\$100
 Stereo
 Pair
 \$190



B
 Olson S-72
\$200
 Stereo
 Pair
 \$380



C
 Olson S-82
\$250
 Stereo
 Pair
 \$480



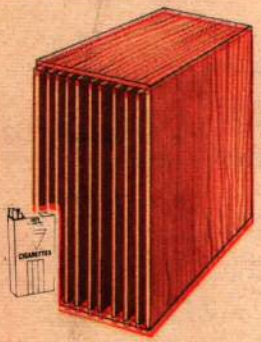
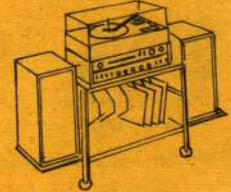
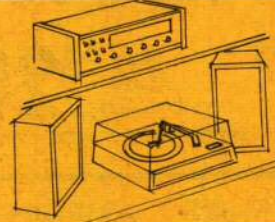
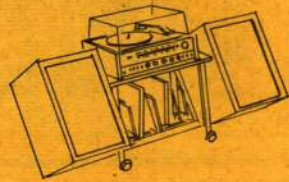
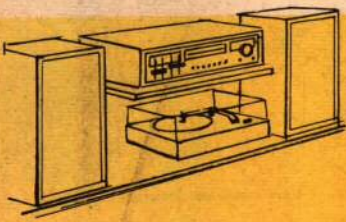
D
 Olson S-39
\$110
 Stereo
 Pair
 \$200

E
 Olson S-132
\$159⁹⁸
 Stereo
 Pair
 \$300

NEW



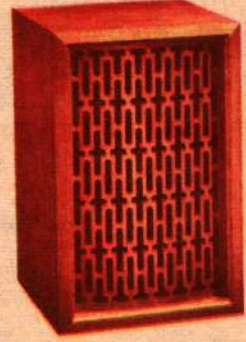
F
 Olson S-23
\$230
 Stereo
 Pair
 \$430



A
 Olson S-70
\$35
 Stereo
 Pair
 \$68



B
 Olson S-838
\$40
 Stereo
 Pair
 \$75



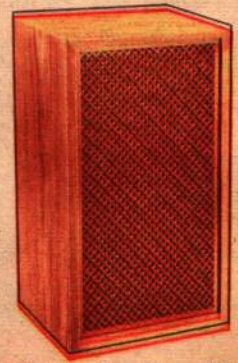
C
 Olson S-85
\$60
 Stereo
 Pair
 \$110



D
 Olson S-177
\$60
 Stereo
 Pair
 \$100



E
 Olson S-930
\$70
 Stereo
 Pair
 \$120



F
 Olson S-853
\$120
 Stereo
 Pair
 \$200

Best Quality Speaker Systems

THESE 3 SPEAKERS GIVE YOU "ENVIRONMENTAL" ADJUSTMENT

Say you move from an apartment to a house. Or you decide to move your whole sound system into a different room. These systems feature an "Environmental Control" front mounted under the grille which makes it possible to "tune" your system to its new acoustic environment. No distortion. The right amount of bass and treble. Perfection, wherever they're used!

A Olson ENVIRONMENTAL 2-WAY SPEAKER

Beautiful oiled walnut enclosure. Removable wood fretwork grille lets you change acoustic grille cloth to match changes in decor, or for cleaning. Compact design with air suspension speakers. 8" woofer and 5" round tweeter delivers fine bass and highs. Frequency response: 25-20,000 Hz. Power capacity: 50 watts. Impedance 8 ohms. Size: 10 $\frac{1}{2}$ " x 17 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ " D. Shipping weight 20 lbs.

Stereo Pr. \$190
Olson S-52 *\$10 Monthly Ea. **\$100**

B Olson ENVIRONMENTAL CHARACTERISTIC I

★ Response: 25 to 20,000 Hz.
Superbly crafted walnut case. Removable fretwork grille easy to clean or change it to any color you wish to match new decor. Speaker cone, is unencumbered by artificial stiffener, thus explaining the absence of sound distortion. 12" woofer for clear bass, 5" mid-range in its own separately contained airtight enclosure for vivid mid-frequencies, and a 2" tweeter delivering crystal clear highs. Impedance 8 ohms. Crossover points 800 and 5,000 Hz. Size: 14 $\frac{1}{2}$ " W. x 23 $\frac{1}{2}$ " H. x 13/16 D. Shipping weight 40 lbs.

Stereo Pr. \$380
Olson S-72 *\$10 Monthly Ea. **\$200**

C Olson ENVIRONMENTAL CHARACTERISTIC II

Same as B left except this system uses a 10" multicellular horn and 4" tweeter plus a 12" woofer capable of deep, ultra-low bass. The result is perfection in the reproduction of stereo separation. Impedance: 8 ohms. Crossover points: 800 and 5,000 Hz. Power capacity: 50 watts. Size: 14 $\frac{1}{2}$ " W. x 23 $\frac{1}{2}$ " H. x 11 $\frac{1}{4}$ " D. Shipping weight 42 lbs.

Stereo Pr. \$480
Olson S-82 *\$10 Monthly Ea. **\$250**

D CELESTION DITTON 15

From England comes one of the finest compact speaker systems made today. It's unique ABR system produces the ultimate in sound quality.

8" woofer is reinforced in tone by an auxiliary bass radiator (ABR) giving you a unique clarity in the bass range plus full power capacity down to 30 Hz. The matched tweeter has excellent polar characteristics and nearly straight line response. Response: 30-15,000 Hz. Power capacity: 15 Watts R.M.S. Impedance: 4-8 ohms. Size: 21" x 6 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ ". Walnut finished cabinet has removable front grille for easy cleaning or changing. Shipping weight 24 lbs.

Stereo Pair \$200
Olson S-39 *\$10 Monthly Ea. **\$110**

E Olson 3-WAY ACOUSTIC Suspension Speaker Systems THE SPEAKER WITH THE "ACOUSTIC LENS"

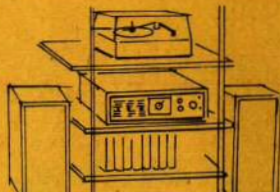
★ Excellent Sound from any Music Source
The removable decorative grille (acoustic lens) is specially designed to enhance the sound quality. The 10" acoustic suspension woofer, 5" mid-range and 2" super tweeter are acoustically matched to the walnut cabinet. All are coupled through a L-C type crossover preset by the manufacturer for just the right sound wherever the speakers are placed. Specifications: Power capacity: to 60 watts. Response: 25 to 20,000 Hz. Impedance: 8 ohms. Size: 12 $\frac{1}{4}$ " W. x 20 $\frac{1}{2}$ " H. x 11 $\frac{1}{4}$ " D. Shipping weight 85 lbs.

Stereo Pair \$300
Olson S-132 *\$10 Monthly **\$159⁹⁸**

F Olson 16" 3-WAY SPEAKER SYSTEM

This system will bring your room alive with music superbly reproduced! The powerful 16" woofer is of the high compliance type with a heavy duty magnet. A matched 6 $\frac{1}{2}$ " midrange unit offers smooth, clear middle frequencies. Tweeter is a 2 $\frac{1}{2}$ " horn type. Teamed together, tuned to perfection in a cabinet designed around them. Oiled walnut finish cabinet with removable ribbed front panel. Power capacity to 50 watts. Response: 25-28,500 Hz. Crossover points 700 and 3,000 Hz. Size: 20 $\frac{1}{8}$ " x 27 $\frac{1}{2}$ " x 14 $\frac{1}{2}$ ". Shipping weight 70 lbs.

Stereo Pr. \$430
Olson S-23. \$15 Monthly **\$230**



Best Value Speaker Systems

A Olson VERTICAL 2-WAY SPEAKER SYSTEM

The Finest Sound From Compact Size

- ★ Book-Shelf Size: 8 $\frac{1}{2}$ " H. x 4 $\frac{1}{2}$ " W. x 8 $\frac{1}{2}$ " D.
 - ★ Chrome Finish Bar-Type Grille
 - ★ Acoustic Suspension Woofer
 - ★ Wide Dispersion Tweeter
 - ★ Binding Post Terminals
 - ★ Response: 50 to 20,000 Hz.
 - ★ Oiled Walnut Finish
- Shipping weight 9 lbs.

Olson S-70
Stereo Pr. \$68 **\$35**

B Olson S-838 "CUBE" SPEAKER SYSTEM

- ★ Compact Enough to Fit a Book Shelf or Hutch
 - ★ Push on Speaker Terminals
 - ★ 8" Woofer
 - ★ 2 $\frac{1}{2}$ " Horn Type Tweeter
 - ★ Up to 20 Watts
 - ★ Impedance: 8 Ohms
 - ★ Response: 50 to 20,000 Hz.
 - ★ Oiled Walnut Finish
 - ★ Stylish Fretwork Grille
- Size: 11 $\frac{1}{2}$ " H. x 11 $\frac{1}{2}$ " D. Shpg. wt. 14 lbs.

Olson S-838, 2 for \$75 **\$40**

C Olson Acoustic Suspension SPEAKER SYSTEM

- ★ Beautiful Curved Fretwork Grille
 - ★ Two Way Speaker System
 - ★ 8" Woofer — 3 Tweeter
 - ★ Electronic Crossover
 - ★ Power Capacity to 25 Watts
 - ★ Oiled Walnut Finish
 - ★ Response: 70 to 18,000 Hz.
 - ★ Convenient Screw Terminals
 - ★ Impedance: 8 Ohms
- Size: 17 $\frac{1}{2}$ " H. x 11" W. x 10 $\frac{1}{2}$ " D. Shipping weight 22 lbs.
- Stereo Pr. \$110
Olson S-85 *\$10 Monthly **\$60**

D Olson DELUXE 7-SPEAKER 3-WAY SPEAKER SYSTEM AMAZING NEW SPEAKER SYSTEM AT A LOW PRICE

- ★ 3 High Compliance Woofers
 - ★ 3 Matched Midrange Speakers
 - ★ Super-Tweeter Offers Crystal Clear Highs
 - ★ Electronic Cross-over
 - ★ Specially Designed Enclosure with Contrasting Black Cloth
 - ★ Power Capacity: To 25 Watts
 - ★ Impedance: 8 Ohms
- Size: 15 $\frac{1}{2}$ " W. x 24 $\frac{1}{2}$ " H. x 12" D. Shipping weight 30 lbs.

Stereo Pr. \$100
Olson S-177 *\$10 Monthly **\$60**

E 2-WAY SPEAKER SYSTEM

- ★ 4" Extended Range Tweeter
 - ★ Oiled Walnut Finish
 - ★ Powerful 10" Woofer
 - ★ Response: 40 to 18,500 Hz.
 - ★ Power Capacity to 35 Watts, 8 Ohms
 - ★ L-C Type Crossover Network
- Size: 13" W. x 22 $\frac{1}{2}$ " H. x 11 $\frac{1}{2}$ " D. Shipping weight 33 lbs.

Stereo Pr. \$120
Olson S-930 *\$10 Monthly **\$70**

F 3-WAY 12" SPEAKER SYSTEM

- ★ Beautiful Fretwork Grille
 - ★ Hi-Compliance 12" Woofer
 - ★ 8" Midrange Offers Vivid Middle Frequencies
 - ★ 4" Super Tweeter
 - ★ Adjustable Level Controls for Midrange and Tweeter
 - ★ Ideal For Floor or Shelf.
 - ★ Power capacity: Up to 40 watts ★ Impedance: 8 ohms ★ Frequency Response: 30 to 20,000 Hz. Size: 15" W. x 23 $\frac{1}{2}$ " H. x 11 $\frac{1}{2}$ " D. Shipping weight 40 lbs.
- Stereo Pr. \$200
Olson S-853 *\$10 Monthly **\$120**



* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 17

sale

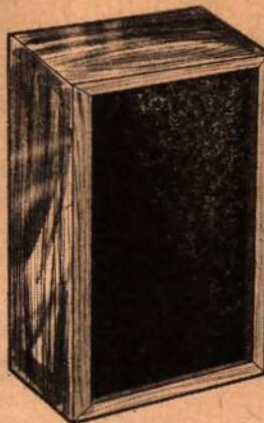
Olson Famous X-Air Speaker System



- ★ Soft Pliable Cloth Annulus Cone
 - ★ Acoustic Suspension
 - ★ Heavy Duty Magnet
 - ★ Response: 65 to 18,000 Hz.
 - ★ Power Capacity: 5 watts, RMS., 15 watts Program
 - ★ Impedance: 8 Ohms
- Size: 6" x 9" x 5". Shipping weight 6 lbs.

Olson 5-931
Reg. \$14.98

\$9⁹⁹



Olson 2 & 3-Way Speaker Systems

- ★ Handsome Walnut Finish
 - ★ Contrasting Black Grille Cloth
 - ★ Convenient Screw Connection
 - ★ Electronic Crossover
 - ★ 1/2" Composition Wood Construction
- Shipping weight 10 lbs. Impedance: 8 ohms. Size: 15 1/2" x 10" x 5".

2-WAY

8" Woofer, 3" Tweeter. Response: 50-16,000 Hz. Power Capacity: 15 watts.
Olson 5-80
2 for \$25 **\$13**

DELUXE 3-WAY

6" Woofer, 6" mid-range, 3" Tweeter. Response: 45-18,000 Hz. Power Capacity: 20 watts.
Olson 5-90
2 for \$34 **\$18**

BEST BUY SPEAKER SYSTEMS FROM

Compact System

- ★ Full Range PM Speaker
 - ★ Walnut Grained Vinyl Finish
 - ★ Includes 6' Cable and Plug
 - ★ Ideal Extension or Portable Speaker
 - ★ Compact Size Mounts Anywhere
 - ★ Use with Radio, TV, Phono or Tape System
- Size: 7 7/8" W. x 10 3/4" H. x 5 3/4" D. Impedance: 8 ohms. Shipping weight 4 lbs.

Olson 5-157 **\$3⁹⁸** 2 for \$7.60



"THIN-LINE" SYSTEM

- ★ Walnut Finished Wood Cabinet
- ★ Matching Cane Grille
- ★ Push-Button Terminals
- ★ Only 2 1/4" Thick
- ★ 5" Full Range Speaker
- ★ Response: 60 to 15,000 Hz.
- ★ Impedance: 8 Ohms
- ★ Size: 8" x 9 1/2" x 2 1/4" Shpg. wt. 3 lbs.

Olson 5-978
\$8⁴⁹ 2 For \$16

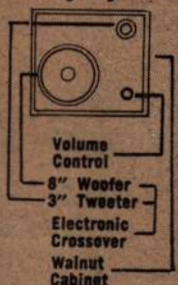


4"x6" System

- ★ Walnut Finished Wood Cabinet
- ★ Black Acoustic Cloth Grille
- ★ Reinforced Cabinet Corners
- ★ Alnico V Magnet
- ★ Convenient Screw Terminals
- ★ Full Range Response
- ★ Power Capacity: 5 Watts
- ★ Size: 5 1/2" x 9" x 5 3/4" D. Impedance: 8 ohms. Shipping wt. 3 lbs.

Olson 5-33 **\$9⁹⁸** 2 For \$18

2-Way System



- ★ Oiled Walnut Finish
- ★ 8" Woofer
- ★ 3" Tweeter
- ★ Electronic X-Over
- ★ Volume Control
- ★ 12" x 12" x 4 1/2" 8 ohms. Shipping weight 7 1/2 lbs.

Olson 5-603
\$13⁹⁸



Ultra-Compact 2-Way System

- ★ Powerful 5 x 7" Woofer
- ★ High Efficiency 2 1/2" Tweeter
- ★ Beautiful Fretwork Grille
- ★ Response: 60 to 15,000 Hz.
- ★ Power Cap 10 Watts
- ★ Oiled Walnut Finish
- ★ Size: 9" x 9" x 9 1/4" Shpg. wt. 9 lbs.

Olson 5-900
Stereo Pair **\$39**

\$19.98



FAMOUS 8" X-Air

- ★ Convenient Push-on Terminals
- ★ Oiled Walnut Finish
- ★ Features an 8" full range speaker with acoustically suspended double cone. Powerful ceramic magnet. Response: 30 to 20,000 Hz. Power capacity to 35 watts. 8 ohms. Size: 14 3/4" H. x 10 1/4" W. x 8" D. Shpg. wt. 14 lbs.

Olson 5-933
Was \$38 In 1070 Cat. **\$30**

Olson Jensen 8" 2-Way Speaker System

- ★ Unfinished Cabinet Can be Painted, Stained or Vinyl Covered
- ★ Jensen 8" Woofer and 3 1/2" Tweeter Resp.: 50 to 16,000 Hz.
- ★ Electronic Crossover
- ★ Impedance: 8 Ohms
- ★ Power Capacity: 15 Watts
- ★ Size: 12 1/4" W. x 18 3/4" H. x 10 1/2" D. Shpg. wt. 14 lbs.

Olson 5-738
2 For \$39 **\$19.98**

2-WAY SPEAKER SYSTEM

Same as Above but walnut finish.
Olson 5-741 2 for \$62 **\$36.98**

MONTHLY PAYMENT CHART

MAIL ORDER CUSTOMERS: See Order Blank & Credit App, pgs. 7 & 8

Amount Financed	Monthly Payment
\$ 0 - \$200.00	\$10.00
\$200.01 - \$300.00	\$15.00
\$300.01 - \$400.00	\$20.00
\$400.01 - \$500.00	\$25.00

FINANCE CHARGE will be imposed on the average daily outstanding portion of the previous balance for Purchases shown on the Statement, from the previous Statement Date to the current Statement Date. (This average daily outstanding balance is determined by summing the outstanding portion of the previous balance existing for each day during the billing period after deducting payments of credits received each day and dividing this sum by the number of days in such billing period.) To this average daily outstanding balance, FINANCE CHARGES will be imposed at a monthly periodic rate of 2% for the first \$200, 1 1/2% for the next \$200 and 1% for all amounts in excess of \$400, which are expressed as ANNUAL PERCENTAGE RATES equal to 24%, 18% and 12% respectively. If the entire previous balance shown on the Statement has been paid on or before the 25th day of billing period covered by the Statement, no FINANCE CHARGES will have been incurred for such billing period.



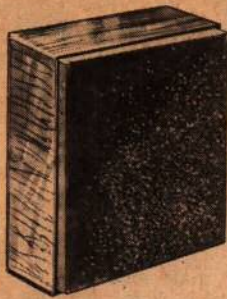
2-WAY SPEAKER

CROSSOVER

Crossover network separates high frequencies from low frequencies. LC type crossover point @ 3,000 Hz. Impedance: 8 ohms. Size: 3 1/2" x 1 7/8" x 1 1/4". Shpg. wt. 1/4 lb.

Olson T-294 **\$3²⁹** 2 FOR \$5.80

Hi-Fi Extension Speaker System



- ★ Walnut Grained Vinyl Veneer
 - ★ Wide Range 6" PM Speaker
 - ★ Convenient Screw Terminals
 - ★ Power Capacity to 10 Watts
 - ★ Handsome Custom Weave Grille
 - ★ Ideal Add-on or 2nd System
- Size: 12 $\frac{3}{4}$ " x 19 $\frac{1}{2}$ " x 3 $\frac{1}{4}$ ".
Impedance: 8 ohms. Shipping weight 4 lbs.

Olson S-77 **\$6**
2 for \$10

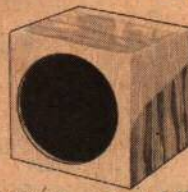
B. J. Snearly, Box 83 Rt. 2, Hardy, AR 72542 wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

sale

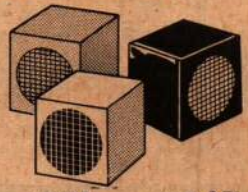
Olson "MICRO-CUBE" SPEAKER SYSTEM

Smashing Decorator colors for you to Mix or Match; Walnut, White, Black, Orange.

- ★ Micro Size—Maxi Performance
 - ★ Finished 5 Sides
 - ★ Full Range X-Air Speaker
 - ★ Fiberglass Acoustic Insulation
 - ★ Contrasting Grille Cloth
 - ★ Response: 65 to 17,500 Hz.
- Shipping weight 5 lbs.
Size: 6" x 6" x 6"



WALNUT BLACK Olson S-49
Olson S-73



WHITE ORANGE Olson S-74
Olson S-75

YOUR CHOICE **\$10⁹⁹** Reg. \$12.98 2 For \$21

Olson

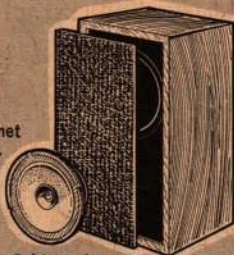
"ECONO-MAX"

Economy Price/Maximum Performance

- ★ Save by Doing it Yourself
- ★ 6 $\frac{1}{2}$ " X-Air Speaker
- ★ Walnut Grained Vinyl Cabinet
- ★ Response: 35 to 18,000 Hz.
- ★ Power Capacity: 25 Watts
- ★ Impedance: 8 Ohms

Cabinets may have slight irregularities. Size 13 $\frac{1}{2}$ " x 7 $\frac{1}{2}$ " x 6 $\frac{3}{4}$ ".
Shipping weight 17 lbs.

Olson AS-376 **\$14⁹⁸**



Cabinet less speaker Olson CA-427
\$5.79

Deluxe speaker system: same as above but slightly larger cabinet (16" x 10" x 6 $\frac{1}{2}$ "). Has provision for the addition of a tweeter. Shipping weight 20 lbs.

Olson AS-377 \$16.98
Cabinet less speaker Olson CA-428 \$7.79

Deluxe 2-Way

- ★ Ideal for Any Room in the House
- ★ Matched Pair Only
- ★ 6 $\frac{1}{2}$ " Woofer—2 $\frac{1}{2}$ " Tweeter
- ★ Oiled Walnut Finish
- ★ Contrasting Black Finish with Metal Trim
- ★ Convenient Screw Terminals
- ★ Response: 50 to 16,000 Hz.
- ★ Power Capacity 10 Watts—Ea.

Size: 13" H. x 8 $\frac{1}{4}$ " W. x 9 $\frac{3}{8}$ " D. Impedance 8 ohms.
Shipping weight 10 lbs.

Olson S-48
\$29⁹⁸ PAIR



Olson Compact Omni-Directional Speaker System



INCREASE STEREO EFFECT

- ★ Full Range X-Air Speaker
 - ★ 360° Sound Dispersion
 - ★ Attractive Unique Styling
 - ★ Ideal for Bookshelf, Table, Mantel; etc.
 - ★ Compact Size: 6" x 9" x 5"
 - ★ Walnut Finish Cabinet with Contrasting Grille Cloth
 - ★ 8 Ohm Impedance
 - ★ Power Capacity to 15 Watts
- Shipping weight 6 lbs.

Olson S-130

\$14⁹⁸

2 for \$29

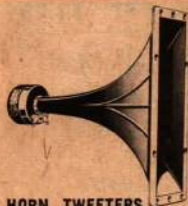
Olson 2-Way X-Air Speaker System

Fantastic Sound Reproduction Budget Price

- ★ Powerful Long Throw Woofer
 - ★ High Efficiency Tweeter
 - ★ Acoustically Sealed Enclosure
 - ★ Wide Range Response
 - ★ Power Capacity to 15 Watts
 - ★ Walnut Cabinet w/contrasting Grille Cloth
 - ★ Impedance: 8 Ohms
- Size: 11 $\frac{1}{2}$ " x 8" x 6 $\frac{1}{4}$ ". Shipping weight 10 lbs.

Olson S-131 Stereo Pair \$32

\$16⁹⁸



HORN TWEETERS
Cast aluminum construction with 20 watt music power and 120° sound dispersion angle. Shipping wt. 4 lbs.

Olson S-928 \$9.98 2 for \$18

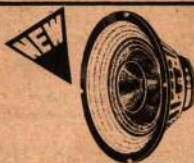
Olson S-78 \$7.98 2 for \$14

Resp., 2,000-18,000 Hz. Size 6 $\frac{3}{4}$ " W. x 6 $\frac{1}{2}$ " D. \$7.98 2 for \$14



8" FULL RANGE SPEAKER
Has Hi-frequency radiator and 10 oz. ceramic magnet. Response: 30-13,000 Hz. Power capacity 12 watts. Impedance: 8 ohms. Shpg. wt. 3 lbs.

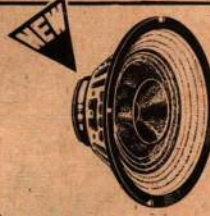
Olson S-29 **\$5⁹⁸**



DELUXE 10" FULL RANGE

Ideal replacement in Compact Enclosures or for building your own system. Use with Horn Tweeter and Crossover Left for Great Sound Quality has 10 oz. Ceramic Magnet, Cloth Roll Cone Suspension and High Frequency Cone Radiator. Power Capacity: 15 watts; Response: 50 to 13,000 Hz. Shipping weight 5 lbs.

Olson S-159 **\$8⁹⁸**



DELUXE 12" FULL RANGE

Great for large bookshelf or console systems. Has 10 oz. Ceramic Magnet, Cloth Roll Cone Suspension, and High Frequency Cone Radiator. Power Capacity: 20 watts; Response: 40 to 15,000 Hz. Shipping weight 7 lbs.

Olson S-158 **\$10⁹⁸**

CUSTOM DESIGN SPEAKER COMPONENTS

- ★ Select From 8", 10" or 12"
- ★ Choice of 2 Horn Tweeters
- ★ For Stereo/Hi-Fi, PA, Etc.
- ★ Impedance: 8 Ohms

SALE

8" HI-FI SPEAKER

Olson S-548

\$4.99

2 for \$9
Reg. \$6.49*

★ Made in England
Power Capacity:
10 Watts

★ Powerful Ceramic Magnet
★ Response: 30 to 16,000 Hz.
★ 8 Ohms
Shpg. wt. 3 1/4 lbs.



Olson CA-368

\$42 2 for \$79

15" SPEAKER CABINET

Same construction and finish as above. Has adapter for 12" and 8" speakers. Size: 25" W. x 17 1/2" H. x 11 1/2" D. Shpg. wt. 27 lbs.

Olson CA-323

2 for \$89, \$47

12" SPEAKER CABINET WITH WALNUT FINISH

Constructed of 3/4" acoustic wood. Has 12" cutout. Adapter board is included for mounting an 8" speaker. Size: 14 1/4" H. x 25" W. x 9 3/4" D. Shpg. wt. 24 lbs. E. A. Hooper, 6801 Madison Ave., Indianapolis, IN 46227, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

Olson FAMOUS X-AIR SPEAKERS

Olson S-732 **\$7.98**
★ Full Range



A powerful ceramic magnet. High compliance cone. Resp.: 40 to 16,000 Hz. 8 ohms. Power: 15 watts (music). Shipping weight 5 lbs.

6 1/2" X-AIR SPEAKER

Imp.: 8 ohms. Resp.: 35-16,000 Hz., Cloth annulus. 25 watts. Shpg. wt. 7 lbs. Olson S-755 **\$9.98**

8" X-AIR SPEAKER

Res.: 30 to 20,000 Hz. Imp.: 8 ohms, 35 watts. Shpg. wt. 10 lbs. Olson S-786 **\$13.98**

Crossover Capacitors
Kit of 5 Non-Polarized Capacitors
Olson C-209. 2 for \$3.20 ea. **\$1.98**

50 ft. SPEAKER CABLE
Olson W-564. 4 for \$4.00 ea. **\$1.19**

Olson HI-FI/STEREO SPEAKERS

★ High Compliance Suspension ★ Ideal Replacements for Many Home Stereos ★ Made by Famous U.S. Manufacturer ★ SAVE on Speaker With Cabinet

Olson 8-Inch HI-FIDELITY SPEAKER



★ High Frequency Radiator
★ High Compliance Suspension
★ Response: 45 to 16,000 Hz.
★ Power Capacity: 15 Watts
★ Precision Die-Cast Housing
★ Impedance: 8 Ohms
Shipping weight 5 lbs.

Olson S-966 **\$11.98**
2 For \$21.

SPEAKER PLUS CABINET

S-966 \$11.98 Olson AS-161
CA-368 \$42.00 You Pay **\$45**
Reg. Total \$53.98 Only

Olson 8-Inch 2-Way CO-AX SPEAKER



★ Hi-Compliance Suspension
★ Precision Die-Cast Housing
★ Direct Radiating Tweeter
★ Power Capacity: 12 Watts
★ Response: 40 to 18,000 Hz.
★ Impedance: 8 Ohms
Shipping wt. 5 lbs.

Olson S-969 **\$18.98**
2 For \$33

SPEAKER PLUS CABINET

S-969 \$18.98 Olson AS-160
CA-368 \$42.00 You Pay **\$51**
Reg. Total \$60.98 Only

Olson 12-Inch HI-FI CO-AX SPEAKER



★ 12" Woofer and 3" Tweeter
★ Response: 35-15,000 Hz.
★ Built-in Crossover
★ Impedance: 8 Ohms
Shipping weight 8 lbs.

Olson S-311 **\$11.98**
2 for \$21

SPEAKER PLUS CABINET

S-311 \$11.98 Olson AS-244
CA-368 \$42.00 You Pay **\$44**
Reg. Total \$53.98 Only

Olson 12-Inch 3-Way CO-AX SPEAKER



★ Compression Horn Tweeter
★ Tweeter Level Control
★ Response: 30 to 18,000 Hz.
★ Impedance: 8 Ohms
★ Power Capacity 55 Watts
★ High Compliance Suspension
Shipping wt. 11 lbs.

Olson S-970 **\$28**
Stereo Pair \$55

SPEAKER PLUS CABINET

S-970 \$28.00 Olson AS-157
CA-368 \$42.00 You Pay **\$61**
Total \$70.00 Pay Only

Olson 12-Inch WOOFER



★ High Compliance Suspension
★ Resonance 25 Hz.
★ Power Capacity: 20 Watts
★ Massive Ceramic Magnet
★ Response: 20 to 3000 Hz.
★ Impedance: 8 Ohms
Shipping wt. 11 lbs.

Olson S-967 **\$13.98**
2 For \$27

SPEAKER PLUS CABINET

S-967 \$13.98 Olson AS-155
CA-368 \$42.00 You Pay **\$48**
Reg. Total \$55.98 Only

Olson 12-Inch Deluxe 3-Way SPEAKER



★ 20 to 20,000 Hz.
★ Power Capacity: 65 Watts
★ Impedance: 8 Ohms
★ Compression Horn Tweeter
★ Ceramic Magnet
★ Mid-Range Radiator
★ High Compliance
★ Cast Housing Shpg. wt. 12 lbs.

Olson S-971 **\$40**
2 For \$79

SPEAKER PLUS CABINET

S-971 \$40.00 Olson AS-158
CA-368 \$42.00 You Pay **\$71**
Reg. Total \$82.00 Pay Only

Olson 12" SPEAKER



★ Full Range
★ High Compliance Suspension
★ Response: 30 to 16,000 Hz.
★ Power Capacity: 20 Watts
★ Precision Die-Cast Housing
★ Impedance: 8 Ohms
Shipping wt. 11 lbs.

Olson S-968 **\$16.98**
2 For \$29

SPEAKER PLUS CABINET

S-968 \$16.98 Olson AS-156
CA-368 \$42.00 You Pay **\$49**
Reg. Total \$58.98 Only



Olson DELUXE DOME TWEETER

★ Wide Angle Dispersion
★ Adds Clarity and Brilliance to High Tones
★ Powerful Ceramic Magnet
★ Great With Any Speaker System
★ Response: 1,500 to 20,000 Hz
★ Power Capacity: 30 Watts
★ Impedance: 8 Ohms

Size: 3 1/4" dia. x 1" D. Shipping wt. 3 lbs.
Requires 2 1/4" dia. mounting.

Olson S-163 **\$7.98**
2 for \$15

Olson 3 Piece Combo

Olson AS-314 **\$14**

Olson 5" WOOFER

★ 15 Watts ★ Acoustic Suspension
Special ribbed cone. Imp: 8 ohms. Power cap.: 15 watts (music). Response: 30 to 5,000 Hz. Resonant frequency: 48 Hz. Size: 5 1/4" W. 3 1/2" H. Shpg. wt. 4 lbs.



Olson S-845 **\$4.98**

Olson 2-Way Crossover

★ With Level Control
★ Panel Mounted
L-C type crossover at 3,000 Hz. Control for tweeter. 8 ohms. Push button terminals. Size: 4" W. x 5 1/4" H. x 1" D. Shpg. wt. 1 lb.



Olson HF-102 2 For \$11 **\$5.98**

Olson 2 3/8" Tweeter

★ 20 Watts
Sensitivity: 100 db.
Impedance: 8 ohms.
Power handling capacity: 20 watts.
Mounting hole size: 2 1/4" dia. Overall size 2 3/8" D. x 2 3/8" W. Shipping weight 2 lbs.



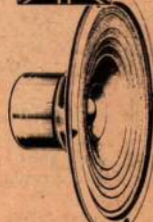
Olson S-846 **\$4.98**

SPEAKER ENCLOSURE CONSTRUCTION BOOK

Detailed drawings and instructions for building enclosures, including the infinite-baffle base-reflex, horn projector. Shpg. wt. 1/4 lb. Olson B-309 **\$3.25**



8" HI-FI SPEAKER



Olson S-517

\$4.98

2 for \$9

★ Made in England
★ Response: 40 to 15,000 Hz.
★ Power Capacity: 15 Watts
★ Impedance: 8 Ohms
Shipping weight 2 3/4 lbs.

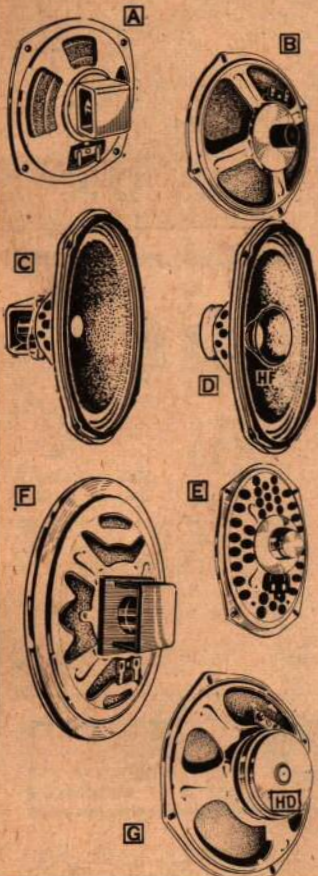
Olson Quality Replacement Speakers

★ SAVE! When Buying in Quantity

Replace That Tired Speaker with an **Olson** Extra Duty, Wide Range Speaker.

★ HI-FI STEREO ★ RADIO ★ AUTO TAPE PLAYERS ★ PA ★ POPULAR SIZES

HD—Heavy Duty Ceramic Magnet
HF—High Frequency Radiators



GOOD

★ Ideal For Radios, Phonos, Hobby Projects, Etc.

BETTER

★ Use in Auto, Boat, Home, Radio, Etc.

BEST

★ HF High Frequency Radiator Improves High Tones

★ HD Heavy Duty Ceramic Magnet

★ Great For Tape Players, HI-FI/Stereo, Auto Reverb s, Radios Etc.

	Size:	Magnet Weight oz.	Impedance Ohms	Power Cap. Watts	Stock Number	Each	Lots of 4-Ea.
A	5"	.55	3.2	2	S-340	\$1.69	\$1.59
B	5"	.68	3.2	2	S-133	2.49	2.39
B	5"	.47	45	2	S-26	1.19	.99
E	4x8"	.65	34	2	S-167	1.79	1.69
E	4x8"	1.0	8	3	S-166	1.89	1.79
C	5x7"	1.0	8	3	S-113	2.49	2.39
E	5x7"	1.47	8	4.5	S-135	2.89	2.49
A	6"	.68	3.2	3	S-7	1.89	1.69
B	6"	1.47	3.2	3	S-134	2.89	2.69
A	6½"	1.47	8	3	S-63	1.99	1.89
E	6x9"	1.47	8	8	S-136	3.29	2.98

Shipping weight above 2 lbs.

G	4"	2.35HD	8	5	S-137	2.98	2.59
A	5"	1.0	3.2	4	S-336	1.79	1.67
G	5"	2.35HD	8	5	S-138	3.49	3.19
G	5¼"	2.35HD	8	6	S-139	3.29	3.09
F	5x7"	2.15	8	6	S-164	1.99	1.79
D	5x7" HF	5.5 HD	8	10	S-141	4.49	4.19
G	6"	2.35HD	8	7	S-140	3.89	3.69
A	6½"	2.15	8	6	S-64	2.19	1.99
D	6x9" HF	5.5 HD	8	10	S-142	4.98	4.69

Shipping weight above 3 lbs.

D	4x10" HF	5.5 HD	8	12	S-143	4.98	4.69
G	5¼" HF	6.8 HD	8	14	S-87	5.98	5.00
D	5x7" HF	10 HD	8	15	S-144	7.98	7.88
D	6x9" HF	10 HD	8	15	S-145	8.98	8.79
G	8" HF	10 HD	8	15	S-146	8.98	8.79

Shipping weight above 4 lbs.

POLY-PLANAR WAFER-TYPE SPEAKERS

WIDE RANGE • RUGGED • HI POWER • SUPER THIN • WEATHERPROOF
DO IT YOURSELF . . . TURN ON YOUR TABLE • DOOR • WALL



MODEL P20
1-7/16" THIN

★ Meets Extremes of Shock and Vibration ★ Easily Incorporated into Present Equipment ★ May be Baffled or Unbaffled

Shipping weight 2 lbs.

\$10⁹⁵

CUSTOM FLUSH OR SURFACE MOUNT GRILLE FOR ABOVE. Ivory-White Finish.

\$3⁹⁵

Olson S-989

Olson CA-433



8" ROUND WAFER TYPE SPEAKER

★ Replaces Conventional Cone Speakers ★ Water Resistant—Tear Proof ★ Wafer-Thin — Only 1.05" Thick ★ Frequency Response: 40 to 20K Hz. ★ Standard 8" Mounting ★ Bi-Directional Radiation ★ Impedance: 8 ohms

Shipping weight 1 lb.

1.05" Thin

\$8⁹⁵

Olson S-83



MODEL P5 13/16" WAFER THIN CONSTRUCTION

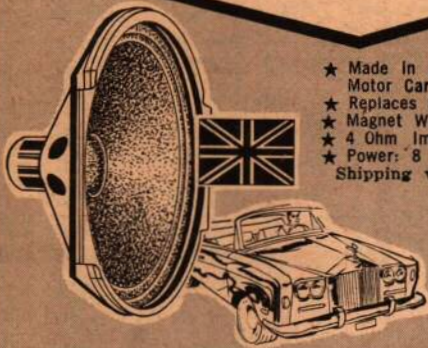
★ Completely Waterproof ★ Replace Conventional Cone Speakers ★ Resp.: 60 to 20,000 Hz ★ Power Cap.: 5 watts ★ Impedance: 8 ohms
Size: 1¼" x 4½" x 8½". Shipping weight 1 lb.

\$5⁹⁵

Olson S-988

SALE

Deluxe 5" PM Speakers



- ★ Made In England for World's Finest Motor Car
- ★ Replaces Standard 5" x 7" Speakers
- ★ Magnet Weight: 2.25 oz.
- ★ 4 Ohm Imp.
- ★ Power: 8 Watts
- ★ Shipping weight 3 lbs.

Olson S-44
\$4.99
 Reg. \$6.98
 2 for \$9

SALE

DELUXE 5"x8" PM SPEAKER



- ★ Matched Pair for Stereo
 - ★ Beautiful Chrome Finish
 - ★ Powerful Ceramic Magnets
- Heavy duty speakers handle more power without distortion and extend the frequency range over original equipment speakers. The cone edge is specially treated to reduce fatigue and add flexibility. A high frequency radiator cone extends frequency range. Matched pairs are packed in a sturdy, reusable plastic box. Shipping weight 5 lbs.

Reg. \$14.98-
\$9.99
 Olson S-34

Olson REPLACEMENT SPEAKERS



- ★ Transistor & Table Radios
- ★ Portable Recorders & Phonos

- 1 3/4" x 2 3/4" PM SPEAKER, 8-10 Ohms, Rd. Yoke. Shpg. wt. 1/4 lb. Olson S-954.
 2" PM SPEAKER, 8-10 Ohms, Rd. Yoke. Shpg. wt. 1/4 lb. Olson S-636.
 2 1/4" PM SPEAKER, 8-10 Ohms, Round Yoke Shpg. wt. 1/4 lb. Olson S-54.
 2 1/2" PM SPEAKER, 3-4 Ohms, Round Yoke Shpg. wt. 1/4 lb. Olson S-934.
 2 1/2" PM SPEAKER, 8-10 Ohms, Rd. Yoke. Shpg. wt. 1/4 lb. Olson S-55.
 2 3/4" PM SPEAKER, 3-4 Ohms, Round Yoke Shpg. wt. 3/4 lb. Olson S-891.
 3" PM SPEAKER, 8-10 Ohms, Round Yoke. Shpg. wt. 1/4 lb. Olson S-56.
 3" PM SPEAKER, 12 Ohms, Round Yoke, Shpg. wt. 1/4 lb. Olson S-944.
- | | | |
|------------|------------|---------|
| Lots of 50 | Lots of 10 | Single |
| Ea. 49c | Ea. 55c | Ea. 65c |

- 3 1/2" PM SPEAKER, 8-12 Ohms, Rd. Yoke, Shpg. wt. 1/2 lb. Olson S-114.
 2 1/4" x 3 1/2" PM SPEAKER, 8-10 Ohms, Round Yoke. Shpg. wt. 1/4 lb. Olson S-99
 3" x 5" PM SPEAKER, 3-4 Ohms, Sq. Yoke, Shpg. wt. 1/4 lb. Olson S-751.
 3" x 5" PM SPEAKER, 8-10 Ohms, Round Yoke. Shpg. wt. 1/2 lb. Olson S-903.
 3" x 4 1/2" PM SPEAKER, 8-10 Ohms, Sq. Yoke, Shpg. wt. 1/4 lb. Olson S-881.
 4" PM SPEAKER, 3-4 Ohms, Square Yoke, Shpg. wt. 1/2 lb. Olson S-724.
 4" PM SPEAKER, 8-10 Ohms, Rd. Yoke. Shpg. wt. 1/2 lb. Olson S-650.
 4" PM SPEAKER, 16 Ohms, Square Yoke, Shpg. wt. 1 1/2 lbs. Olson S-651.
- | | | |
|------------|------------|---------|
| Lots of 50 | Lots of 10 | Single |
| Ea. 75c | Ea. 83c | Ea. 95c |

- 4" x 6" PM SPEAKER, 3-4 Ohms, Round Yoke, Shpg. wt. 1 lb. Olson S-897.
 4" x 6" PM SPEAKER, 3-4 Ohms, Sq. Yoke Shpg. wt. 1/2 lb. Olson S-102.
 4" x 6" PM SPEAKER, 8-10 Ohms, Round Yoke. Shpg. wt. 1 1/2 lb. Olson S-684.
 4" x 6" PM SPEAKER, 8-10 Ohms, Sq. Yoke, Shpg. wt. 1 lb. Olson S-656.
- | | |
|-------------|------------|
| Single | Lots of 10 |
| Ea. \$1.49 | Ea. \$1.33 |
| Lots of 100 | Lots of 50 |
| Ea. \$1.15 | Ea. \$1.19 |

Your Choice
46^c EA.
 Lots of 100

Your Choice
69^c EA.
 Lots of 100

Your Choice
\$1.15 EA.
 Lots of 100



Speaker Cable

- ★ 50 ft. Spool
- ★ Gray Vinyl Jacket
- ★ Color Coded Wires
- Shpg. wt. 1/4 lb.

Olson W-564
\$1.19

4 for \$4
22 Olson Electronics

CROSSOVER CAPACITORS

- ★ Crossover Frequency Chart Included
 - ★ Ideal for crossover in two or three speaker systems. Contains 2-2 mfd., 2-4 mfd., and 1-8 mfd. Capacitor Plus diagram. Shpg. wt. 1/4 lb.
- Olson C-209 **\$1.98** 2 Kits for \$3.20



Utah

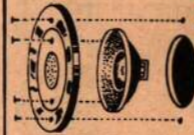


3 1/2" Tweeter

Olson S-88
\$1.99
 2 for \$3.80

- ★ Range to 12,000 Hz.
 - ★ Extends Range of Most 8-12" Speakers
 - ★ Impedance: 8 Ohms
 - ★ Alnico V Magnet
 - Shipping weight 1 lb.
- Deluxe 5 1/4" Tweeter Range to 15,000 Hz. 8 Ohm Imp. Olson S-165 \$3.49; 2 for \$6

Olson Custom Mount Speaker System



Olson S-96
\$4.98

Mounts Easily in Ceiling or Wall

- ★ Ideal for Extension in Rec Room, Den, Office, Etc.
 - ★ Full Range 8" Speaker
 - ★ Brushed Aluminum Grille
 - ★ Includes Easy Do-It-Yourself Instructions, Hardware & 50' Cable
- Size: Grille: (overall dia.) 12 3/4". Speaker Depth, 3 1/2". Shipping weight 6 lbs.

Olson 8-INCH SPEAKER SYSTEM



Olson CA-136

\$6.98
 3 FOR \$20
 12 @ \$6.50 ea.

- ★ Resp.: 50-10,000 Hz.
- ★ Imp.: 8 ohms



A wide range 8" speaker mounted in wall baffle. Baffle is completely finished and may be surface or flush-mounted. Power capacity 5 watts. Size: 10" x 10" x 3 3/4". Shipping weight 3 lbs.

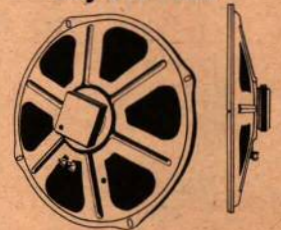
8" SPEAKER SEPARATELY Olson S-715 \$2.29

"Ultra Slim" 12" PM Speaker

Only 2 1/8" thin!

- ★ Cone Edge Treated for Flexibility
 - ★ Powerful Ceramic Magnet
 - ★ Full Range Response
 - ★ Ideal for Fitting Between Wall Studs
 - ★ Only 2 1/8" Thin
- Impedance: 8 ohms. Shipping weight 4 lbs.

Olson S-79
\$6.98
 3 FOR \$20.37



G. D. Rose, 205 E. 28th Street, Des Moines, IA 50317, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

"Sweet Sixteen" 5" Speakers

Big Speaker Sound at Small Speaker Price



Kit contains 16 Heavy Duty 5" p.m. speakers. Each kit Contains Diagrams on the Construction of this Excellent Multiple Speaker System. Shipping weight 5 1/2 lbs.

Olson AS-936
\$18.99
 ALL 16

AUDIO CABLES



ADAPTER PLUG

Connects standard $\frac{1}{4}$ " plug to mini phone plug. $2\frac{1}{2}$ " long x $\frac{5}{8}$ " dia. Dia. of tip is 3.5 mm. Shpg. wt. $\frac{1}{4}$ lb. **HF-129** \$1.29
3 Kits for \$3.60

For quick connection between phono, amplifiers, tuners, etc. Shielded cable with grey plastic outer sheath. Shipping wt. $\frac{1}{4}$ lb.



A Phono pin plug, other end stripped and tinned. 3-ft. cable. No. HF-50 4 for \$1.40 ea. 49c

B 2 phono pin plugs, one on each end. 5-ft. cable. No. HF-49, 3 for \$2.10 ea. 79c
Kit of 4 36" Cables

No. HF-57 ea. \$1.29

C 90° RCA type pin plug on each end. 5-ft. shielded audio cable. No. HF-64 3 for \$2.10 89c

D Phono pin plug, other end phono pin jack. 5-ft. cable. No. HF-51 3 for \$2.10 ea. 79c

E Dual Phono Cable with RCA pin plugs on one end and RCA pin jacks on the other end. Color. Coded 6-ft. cable. No. HF-166 \$1.19 2 for \$2.10

F Dual phono cable with pin plug on each end. Color-coded. 6-ft. No. HF-55 3 for \$3.50 \$1.35 ea.

G 5-ft. shielded cable with $\frac{1}{4}$ " phone plug. No. W-558 2 for \$1.00 59c

H 18" ADAPTER CABLE With Mini plug (3.5mm) on one end and $\frac{1}{4}$ " in-line jack on the other. No. HF-169 98c

AUDIO CABLE KIT HF-11 \$1.19

Consists of 3' audio lead with pin plug, other end tinned and stripped; 8' audio lead with pin plugs; 1 dual in-line jack. Shipping weight $\frac{1}{4}$ lb.

Retractable 36" Audio Cable

Your Choice RCA Type Plug \$1.19

HF-60 RED HF-61 GREEN HF-63 GRAY
10 FT. RETRACTABLE
YOUR CHOICE \$2.19
GRAY HF-85
BLACK HF-86

12 FT. AUDIO PATCH CABLE

Has mini-phone plug on one end and RCA phono plug on the other. Pkg. of 2, 12' cables with RCA Phono Plug on one end and 90° $\frac{1}{4}$ " phono plug on the other. **HF-87** \$1.98

UNIVERSAL CABLE KIT

HF-52 Per Kit \$3.49
Includes phono and phone type plugs plus clips. Shpg. wt. $\frac{1}{2}$ lb.

Y Adapter Adapts two $\frac{1}{4}$ " phone plugs to fit into one $\frac{1}{4}$ " phone jack. Shpg. wt. $\frac{1}{4}$ lb. **HF-116** \$1.29
3 for \$3.60

Y Adapter Kit HF-69 \$1.19
One has 3 female connections, other has 2 female and 1 male connection. Total length 5 5/8". Shipping weight $\frac{1}{4}$ lb.

No. HF-53 Like Above But: Both have 1 male and 2 female connections. Kit of 2 \$1.19

PHONO PLUGS

Color Coded, Pkg. of 5
HF-3 \$1.19
4 for \$4.00

Insulated caps are coded for easy identification. Size: 1" L, $\frac{3}{8}$ " D. Shipping weight $\frac{1}{4}$ lb.

SALE

AUDIO PATCH CABLE 3 Ckt. D.I.N. To Dual RCA 6 Ft. Shielded Cable \$1.19

★ 3 Pin Din Plug HF-136
★ Dual RCA Type Phono Reg. \$2.25
Shipping weight $\frac{1}{4}$ lb.

5 CKT PATCH CABLE Same as above but has 5 ckt. D.I.N. plug in place of the 3 ckt. **HF-135 2 for \$7.00 \$3.60**

Olson 4 IN 1 ADAPTER PLUG

★ 4 Most Popular Plugs **HF-174** \$1.19
4 for \$4

Has 3.5 mm (Mini) plug, 2.5 mm (Micro) plug, 2.5 mm power jack and extra long 2.5 mm inverted power plug. Shpg. wt. $\frac{1}{4}$ lb.



A MICROPHONE ADAPTER PLUG No. HF-94 60c ea.
Convert Amphenol screw-on connector to $\frac{1}{4}$ " phone plug. Shipping weight $\frac{1}{4}$ lb.

B MICROPHONE ADAPTER PLUG Has $\frac{1}{4}$ " phone plug receptacle on rear. Fits onto standard amphenol type mike jack. Shpg. wt. $\frac{1}{4}$ lb. **HF-106** 99c

C MICRO PLUG 1/4" PLUG ADAPT. Pkg. of 2. "Tiny" Phone Plug to Standard $\frac{1}{4}$ " Phone Plug. **HF-99** \$1.39

Stereo Speaker Wall Jack No. HF-23 3 for \$4 \$1.49
Two $\frac{1}{4}$ " jacks mounted on a standard wall plate. Two $\frac{1}{4}$ " phone plugs are included. Ivory finish. Size: $2\frac{3}{4}$ " x $1\frac{1}{2}$ ". Shpg. wt. $\frac{1}{4}$ lb.

D.I.N. SPEAKER PLUG **HF-153** \$1.59 Pkg. of 2
Commonly used on European tape recorders and radios. Has one flat pin and one round pin. Size: $\frac{3}{8}$ " dia. x 2" L. Shpg. wt. $\frac{1}{4}$ lb.

Same as above. But has 1 plug and 1 in-line jack. **HF-168** \$1.59

D.I.N. SPEAKER HARNESS. 20' cable with above plug on one end to terminal lugs on the other end. **HF-164** \$1.29 ea.

MINI POWER PLUG AND JACK

With inverted contacts. Plug size: 1" long x $\frac{3}{8}$ " dia., with $\frac{3}{16}$ " dia. barrel. Chassis mtg. jack has $\frac{1}{4}$ " mtg. centers. Shipping wt. $\frac{1}{4}$ lb. **HF-77** \$1.19

PUSH BUTTON TERMINALS **HF-170** 4 for \$4.00
★ Ideal for Speaker Cabinets. Package of two Bakelite terminal strips with one red and one black terminal on each. Shipping weight $\frac{1}{2}$ lb.

Olson JUNCTION BOX

No. PL-152 4 for \$4.00 \$1.19
Contains two closed circuit jacks for miniature phone plugs and two plugs. Size: $1\frac{1}{2}$ " x 1" x $\frac{3}{8}$ ". Shipping weight $\frac{1}{4}$ lb.

PLUGS AND JACKS

A D.I.N. AUDIO PLUGS ★ 3 Circuit and 5 Circuit ★ 1 Plug and 1 Jack Per Pkg. 3 Circuit HF-26 5 Circuit HF-27
Genuine D.I.N. Audio Plugs and jacks are completely shielded and insulated

B 1/4" PHONE PLUGS NO. X-253 Plugs into $\frac{1}{4}$ " phone jack. Pkg. of 4

B 3 Circuit 1/4" Plugs Pkg. of 3 For mikes and stereo headphones. Standard $\frac{1}{4}$ " dia. barrel. PL-146

B Shielded Phone Plugs Kit of 2 No. HF-10
Plated all metal barrel. Screw terminals. $\frac{1}{4}$ " shaft. Barrel $1\frac{1}{2}$ " x $\frac{1}{2}$ ".

B Adapter Kit HF-141 ★ 3 Ckt. $\frac{1}{4}$ " Plug to 2 Ckt. $\frac{1}{4}$ " ★ Metal Construction ★ Adapts Stereo Headphones for Mono

C 1/4" Phone Jacks Kit of 5 No. HF-6
Open and closed circuit.

C 3-CIRCUIT PHONE JACKS Pkg. of 3 **HF-101**
Standard 3-circuit $\frac{1}{4}$ " phone jack.

D Olson INLINE 1/4" JACKS ★ Standard 2-Circuit ★ For Cable Mounting ★ Pkg. of 2 **HF-154**

3 Circuit 1/4" INLINE JACKS ★ Pkg. of 3 **HF-155**

E PHONO PIN PLUGS KIT OF 5 No. HF-21
All metal. Size: $\frac{3}{8}$ " dia. x $1\frac{1}{16}$ " long.

F PHONO PIN JACKS KIT OF 6 No. HF-5
Mount on single $\frac{1}{4}$ " hole. Plated. Size: $\frac{3}{8}$ " x $\frac{3}{8}$ ".

G CABLE KIT Olson HF-143 ★ Includes 3 6 Ft. Cables ★ Cable #1 "Mini" Phone to Tinned Leads ★ Cable #2 "Micro" Phone to Tinned Leads ★ Cable #3 Inverted "Mini" Phone to Leads.

H Olson Adapter Plug HF-142 ★ 3 Assd. Types ★ $\frac{1}{4}$ " Phone to ★ Micro-Plug ★ Mini-Plug to $\frac{1}{4}$ " Plug ★ Micro to Mini Plug

I ADAPTER PLUG KIT **HF-25** ★ Pkg. of 3
Adapts: phone to phono, phono to min- $\frac{1}{4}$ " phone, mini- $\frac{1}{4}$ " phone.

J PHONO PLUG ADAPTERS Kit of 3 No. HF-7
Kit of 3 in-line adaptors to convert RCA type phono plug to standard $\frac{1}{4}$ " phone plug. Size $\frac{1}{2}$ " dia. x $2\frac{3}{8}$ " $\frac{1}{4}$ lb.

K DUAL INLINE JACKS KIT OF 4 No. HF-9
Dual inline phono jacks. Size: $\frac{1}{2}$ " dia. x $1\frac{1}{2}$ " long.

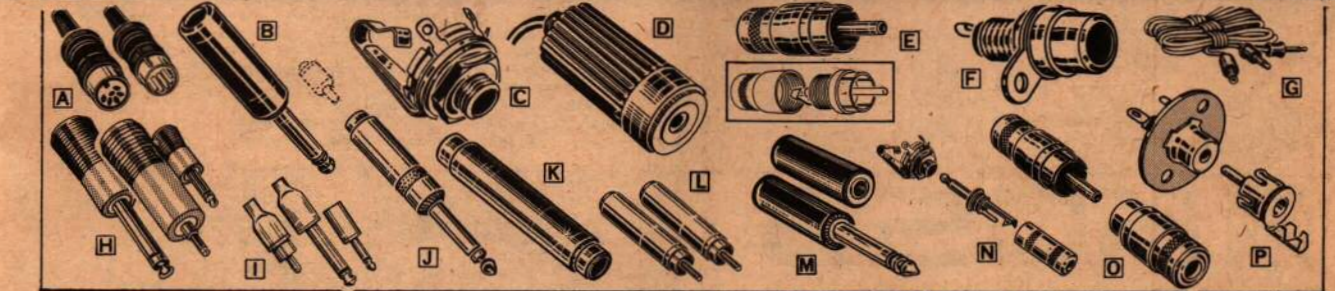
L Phono Plug Adapters Kit of 2 No. HF-8
 $\frac{1}{4}$ " phone plugs to RCA type phone plug. Size: 1" dia. x $2\frac{1}{4}$ ".

M PHONE PLUG SETS 2 PAIRS No. HF-22
Two pair of male and female $\frac{1}{4}$ inch phone jacks and plugs.

N MINI-PHONE PLUGS & JACKS 3 PAIRS No. J-2
Kit of 3 pairs of miniature, shielded phone type plugs and shorting jacks.

O PHONO PIN PLUGS & JACKS 3 Pairs No. HF-4
Jacks for making audio connections. Size: $\frac{3}{8}$ " diam. x $1\frac{1}{4}$ " long.

P PHONO PLUGS & JACKS Kit of 10 Pair No. HF-24
RCA type. Plugs mount on end of shielded cable. Round type chassis mounting jacks.



STEREOPHONES

DO YOUR EARS A FAVOR!

- ★ Comfortable
- ★ Convenient
- ★ Private



SAVE!

Olson CA-461

Only **\$2**

with the purchase of any stereophones below \$2.98 Separately

DELUXE STEREOPHONE CARRYING CASE

- ★ Foam Lined
 - ★ Walnut Vinyl Covered
 - ★ Protect Your Phones
- Shpg. wt. 3 lbs.



Olson®

- A** ★ Padded Ear Cushions Seal Out Room Noise
 ★ Perfect Coupling Between Reproducer and Ears Assure Full Response
 ★ Soft Vinyl Covered for Maximum Comfort
 ★ Imp: 8 Ohms
 ★ 6 Ft. Cord W/Standard 1/4" Stereo Plug
 ★ Reusable Vinyl Storage Case
 Shipping Weight 2 lbs.

Olson PH-177
\$7⁹⁹

- B** ★ Soft Padded Ear Cushions
 ★ Response: 20 to 15,000 Hz.
 ★ Impedance: 4 to 16 Ohms
 ★ 6 Ft. Cord W/Standard 1/4" Stereo Plug
 Shipping Weight 3 lbs.

Olson PH-140
\$14

- C** ★ Individual Volume Controls
 ★ Padded for Extra Comfort
 ★ Response: 30 to 15,000 Hz
 ★ Impedance: 8 Ohms
 ★ 7 Ft. Cord W/Standard 1/4" Stereo Plug
 Shipping Weight 3 1/2 lbs.

Olson PH-82
\$16

- D** ★ Molded Acoustic Chambers for Wide Range Response
 ★ Built-in Volume Controls
 ★ 10 Ft. Retractable Cord with Standard 1/4" Stereo Plug
 ★ Response: 15 to 23,000 Hz
 ★ Air Filled Ear Cushions
 ★ Padded Headband
 ★ Impedance: 8-16 Ohms
 Shipping Weight 2 lbs.

Olson PH-174
\$20

- E** ★ Fatigue Free Listening
 ★ Soft Air Filled Cushions
 ★ Response: 15 to 25,000 Hz
 ★ Impedance: 4 to 16 Ohms
 ★ Equipped W/Standard 1/4" Stereo Plug
 Shipping Weight 3 lbs.

Olson PH-173
\$25

- F** ★ Lightweight and Comfortable
 ★ Extra Soft Padded Ear Cushions and Headband Give Added Comfort
 ★ Easy-Set Slide Volume Controls
 ★ Two Large Wide Range Elements
 ★ Sturdy Adjustable Headband
 ★ Response: 15 to 30,000 Hz
 ★ Removable Ear Cushions for Easy Cleaning
 ★ Impedance: 8 Ohms
 ★ Attractive Reusable Storage Box
 ★ 7 Ft. Flexible Cord with 1/4" Stereo Plug
 Shipping Weight 3 lbs.

Olson PH-192
\$30



KOSS

G SP3XC

- ★ 8 ft. Retractable Cord
- ★ Standard Stereo Plug
- ★ Response: 30 to 15,000 Hz.

- ★ Impedance: 4 Ohms
- ★ Shipping weight 3 3/4 lbs.

Olson PH-30 **\$19⁹⁵**

H PRO-4AA

- ★ Smooth Fatigue-free Response
- ★ Truly a Professional Headphone
- ★ Super Comfortable Ear Cushions and Headband
- ★ 10' Retractable Cord

- ★ Response: 10-20,000 Hz
- ★ Impedance: 4-16 ohms
- ★ Shipping weight 2 lbs.

Olson PH-193
 *\$10 Monthly **\$60**

I ESP-6 ELECTROSTATIC

- ★ Impedance Adapter Included
- ★ Wider Range Response Than the Best Loudspeaker System
- ★ Electrostatic Drivers

- ★ Dynamic Level Indicator
- ★ Complete With Carrying Case
- ★ Shipping weight 2 lbs.

Olson PH-153
 *\$10 Monthly **\$95**



STEREOPHONE ACCESSORIES

Olson Stereo Junction Box
 Connects 1 or 2 Stereo Phones
 Olson PH-194

\$4.89

- ★ Use Speakers & Headphones Together Or Just Headphones
- ★ Fast Easy Installation
- ★ Individual Volume Control For Headphones
- ★ Mount it or Place it on a Shelf
- ★ Impedance: 4 to 16 Ohms
- Size: 4 1/4" x 1 1/4" x 1 1/4" D.
- Shipping weight 2 lbs.

Olson Control Center
 Olson PH-146

\$3.98

- ★ 6 Ft. Cable
- ★ Separate Right & Left Volume Controls
- ★ Standard Stereo Plug & Jack
- Size: 2 3/4" x 1 3/4" x 2". Shipping weight 1 lb.

Olson 2 in 1 Adapter

Olson HF-162

\$1.98

For connecting two stereo headsets to one outlet, Adapter has two std. stereo 1/4" jacks on 6" leads attached to one std. stereo 1/4" plug. Shipping weight 1 lb.

Olson Y Adapter
 Olson HF-167

\$1.99

- ★ Plugs into speaker jacks of stereo tape recorder or receiver to adapt to standard stereo headphone jack
- ★ Includes 10 ft. Extension Cable
- ★ Rugged Molded Construction
- ★ Standard 1/4" Plugs and Jack
- Shipping weight 1/4 lb.

Olson Speaker/Headset Adapter
 Olson PH-83

\$3.29

Adapts any amplifier or receiver for stereo headphones. Easy connection to present speaker terminals. Has spkr./phones selector switch. Shpg. wt. 1/2 lb.

Olson Extension Cord
 Olson HF-144

\$3.98

Enjoy complete comfort and freedom of movement while wearing stereo headphones. Flexible vinyl cord stretches to 20 ft. Includes standard stereo plug and jack. Shipping weight 1 lb.

Same cord as above but not retractible. Olson HF-56 .. 3 for \$7 .. **\$2.89**

Speaker Volume Control

★ 8 Ohms
 Olson HF-44 **\$1.98**
 3 for \$5.70

 For use with any speaker to provide separate and independent control of speaker volume. 30 watts. Shipping weight 1/4 lb.
STEREO LEVEL CONTROL. Dual 8 ohm controls mounted on one panel, individual knobs.
 No. HF-46 **\$3.49**

Olson STEREO/MONO SPEAKER SWITCH


Control up to 3 pairs of stereo speakers or 1 to 6 monaural speakers. Can be used with 4 or 8 ohm speakers. Gold panel 3 3/8" x 2 1/4". With instructions. Shipping weight 1/4 lb.

Olson HF-43 **\$3.98**
 3 for \$9.00
 12 @ **\$2.79**

Vinyl Carrying Cases

Olson CA-369

\$8.98

- ★ Cameras, Precision Tools, Mikes Tape Recording Accessories, Etc.

★ Filled with Polyfoam
 Inside dimensions of case are 12 1/2" W. x 11 3/4" x 3 3/4" Overall size: 12 1/2" W. x 12 1/4" D. x 4 1/4" H. Has four vinyl feet. Shipping weight 3 lbs.

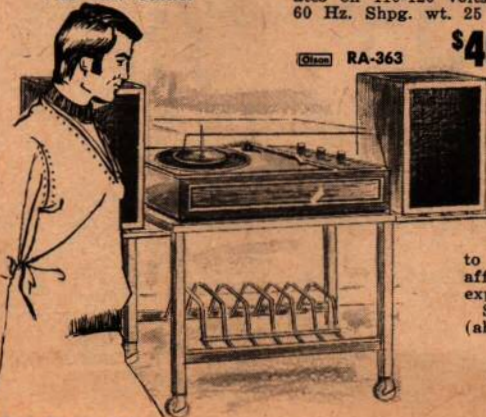
PLATT CHECKMATE CASE Like Above, but larger: Size: 19" x 13" x 5" Olson CA-337 **\$18.50**

Olson 4 Piece Stereo System

- ★ Ideal for Bookshelf, Rec. Room, Kids Room, Etc.
- ★ Compact Modern Styling
- ★ BSR 4-Speed Changer
- ★ Powerful Solid State Amplifier
- ★ Stereo Headphone Jack
- ★ Separate Volume Controls Plus Tone Control
- ★ Matching Wide Response Speakers
- ★ Attractive Walnut Finish
- ★ Includes Transparent Dust Cover

Size: Main Unit: 17 1/2" x 3" H. x 10 1/4". Speaker: 10 1/2" x 7 1/2" x 5 3/4" Operates on 110-120 volts AC. 60 Hz. Shpg. wt. 25 lbs.

Olson RA-363 **\$49.98**



"Teenage" Roll About Stereo System — at Just the Right Price

A great system that the kids can roll around to any room or to any party at a price dad can afford. Just think Dad . . . now you can have your expensive system all to yourself!

System features Olson 4 Piece Stereo System (above) and a handsome roll about cart. (CA-457).

Olson A5-458

COMPLETE FOR **\$60**
 *\$10 Monthly

Olson Electronics 25

SALE

Olson Reverberation Amplifier/Speaker

Olson S-19

\$21.99
 Reg. \$23.99

- ★ Use With Radio, Phono, Tape Recorder
- ★ Adds Depth & Realism
- ★ Heavy Duty 6" Speaker
- ★ Fuse Protected Power Supply
- ★ For Stereo or Mono Applications
- ★ Hi and Low Inputs
- ★ Walnut Finished Wood Cabinet
- ★ Solid State Amplifier
- Size: 11 3/4" x 8 7/8" x 6". Shipping weight 6 lbs.
- LIMITED QUANTITY**

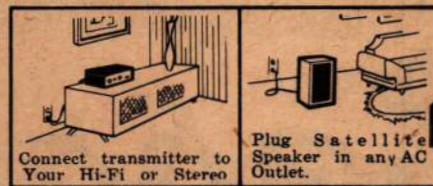
Wireless Satellite Speaker System

Operates Wherever You Have an Electrical Outlet

- ★ Built-in Volume Control on Satellite
- ★ Use With Radio, TV, Phono, etc.
- ★ 8" Hi-Fidelity Speaker
- ★ Walnut Finished Wood Cabinet
- ★ Easy Installation
- ★ 110-120 V. AC, 60 Hz.
- Shipping weight 13 lbs.

Olson RA-75

\$44.99



Connect transmitter to Your Hi-Fi or Stereo

Plug Satellite Speaker in any AC Outlet.

GIBBS "Reverb" Amplifier

- ★ Use with amplifier or receiver with 3-way speaker selector (main-remote-both) such as Olson RA-290 (see Pg. 5)

- ★ Adds depth and dimension
- ★ Tone, volume and reverb controls
- ★ Handsome walnut finish
- ★ Adds third channel
- Size: 19" x 8 1/2" x 4 3/4". 110-120 volts AC, 60 cps. Shipping weight 9 lbs.



Olson RA-186

\$59.95

*\$10 Monthly



X-10 AUTOMATIC/MANUAL RECORD CHANGER MODULE



MADE IN ENGLAND

Olson RP-382

\$52⁵⁰

\$10 MONTHLY

Total Value If Components Purchased Separately \$62.70

ready to plug into table radios
FM stereo radios
budget component systems
TV sets
tape recorders and cassette machines

- ★ Completely Mounted Ready to Operate
- ★ Includes Ceramic Stereo Cartridge
- ★ Flip-over Diamond Stylus
- ★ Pencil-thin Tubular Tonearm
- ★ Cueing and Pause Control
- ★ Oversize Turntable
- ★ Three Position Dust Cover
- ★ Coordinated Base
- ★ Designed for Use with: Radios, TV Sets, Tape Recorders, Etc.
- ★ Manual & Automatic Spindles Included

Size 7 $\frac{3}{4}$ " x 15" x 13 $\frac{1}{4}$ ". 110-120 V. AC, 60 Hz. Shipping weight 12 lbs.

SLX-2 AUTOMATIC/MANUAL RECORD CHANGER MODULE



MADE IN ENGLAND

Olson RP-377

\$69⁵⁰

\$10 MONTHLY

Total Value If Components Purchased Separately \$95.45

- ★ New Simplified Speed-and-Size Selector
- ★ Garrard Synchro-Lab Motor
- ★ Three Position Dust Cover
- ★ Precision Balanced Turntable
- ★ Cueing & Pause Control



Module SLX-2 comes with a diamond stylus magnetic cartridge. A superb instrument for flawless performance, built throughout to Garrard's exacting standards.

Specifications: 3 speeds, 33 $\frac{1}{3}$, 45 and 78 rpm; 110-125 volts, 60 cycles AC.

Dimensions: (turntable on base): 15" left to right, 13 $\frac{1}{4}$ " front to back, 7 $\frac{3}{4}$ " high. Shpg. wt. 14 lbs.

Garrard



A GREAT GIFT FOR

SL55B AUTOMATIC/MANUAL RECORD CHANGER



MADE IN ENGLAND

Olson RP-388

\$59⁵⁰

(Less Base)
***\$10 MONTHLY**

- ★ With Synchro-Lab (tm) Synchronous motor
- ★ 3 Speeds
- ★ Counterbalanced Tone Arm
- ★ Built-in Stylus Adjustment
- ★ Cueing and Pause Control
- Operates on 110-120 V. AC, 60 cps.

Minimum Cabinet Dimensions 14 $\frac{3}{4}$ " W. x 12 $\frac{1}{2}$ " D. 4 $\frac{3}{4}$ " (Above Board). 110-120 volts, 60 cps. Shipping weight 10 $\frac{1}{2}$ lbs.

Mounting Base, CA-396 \$5.50
Deluxe Walnut Wood Mtg. Base, CA-430 \$19.95

Molded Plastic Dust Cover, CA-398 \$ 5.50
45 RPM Adapter Spindle, RP-335 \$ 3.80
"Power-Matic" base, turns off amplifier when last record has played. Olson CA-366 \$14.95

SL55B Changer and your choice, Shure M55E or Pickering V15/AC-3 Cartridge, Olson AS-319 \$59.51

SL55B Changer and your choice, Empire 999E/X or Pickering V15/ATE-3 or Shure M93E Cartridge, AS-320 \$64.50

Look What 1¢ Buys!

Your Choice With Garrard

SL-55B SL65B PICKERING

See Below SHURE



V15/AC3



M55E

STEREO ELLIPTICAL CARTRIDGE
\$29.95 Value Separately

SL65B AUTOMATIC/MANUAL RECORD CHANGER



MADE IN ENGLAND

Olson RP-389

\$79⁵⁰

(Less Base)
\$10 MONTHLY

- ★ With Synchronous Motor
- ★ 3 Speeds
- ★ Cueing and Pause Control
- ★ Anti-Skating Control
- ★ Balanced Arm
- ★ Stylus Adjustment Gauge

Minimum Cabinet Dimensions 15" W. x 13 $\frac{1}{4}$ " D. 4 $\frac{3}{4}$ " (Above Board). Operates on 110-120 volts AC, 60 cps. Shpg. wt. 12 lbs.

Mounting Base, CA-396 \$ 5.50
Deluxe Walnut Wood Mtg. Base, CA-430 \$19.95

Molded Plastic Dust Cover, CA-398 \$ 5.50
45 RPM Adapter Spindle, RP-335 \$ 3.80

"Power-Matic" Base, CA-366 \$14.95
SL65B Changer and your choice, Shure M55E or Pickering V15/ACE-3 Cartridge, Olson AS-317 \$79.51

SL65B Changer and your choice, Empire 999E/X, Pickering V15/ATE-3 or Shure M93E Cartridge, AS-318 \$84.50

SLX-3 AUTOMATIC/MANUAL RECORD CHANGER MODULE



Olson RP-394

\$99⁵⁰

\$10 MONTHLY

Total Value
If Components
Purchased
Separately
\$127.45

- ★ Ready to Plug and Play
- ★ Synchro-Lab Motor
- ★ Record Safety Platform
- ★ Viscous Damped Arm Shutdown
- ★ Viscous Damped Cueing
- ★ Sliding Weight Anti-Skating Control
- ★ Stylus Adjustment With Window Scale
- ★ Ultra Low Mass Tubular Tonearm
- ★ World Famous Magnetic Cartridge
- ★ Elliptical Diamond Stylus
- ★ Installed on Base With Dust Cover
- ★ 3 Speeds: 33, 45, and 78 RPM
- ★ Includes Manual & Automatic Spindles

110-120 V. AC, 60 cps. Size: 16 $\frac{1}{2}$ " W. x 14 $\frac{1}{4}$ " D. x 8 $\frac{3}{4}$ " H. Shpg. wt. 15 lbs.



40B 3-SPEED AUTOMATIC/MANUAL RECORD CHANGER



Olson RP-387

\$44⁵⁰

(Less Base)



- ★ NEW! Cueing/Pause Control
- ★ NEW! Slide-in Cartridge Clip
- ★ NEW! Stylus Pressure Control
- ★ NEW! Tubular Tone Arm
- Garrard 4-pole shaded "Induction Surgo" motor, with dynamically balanced rotor, shielded from hum. Constant speed assured, free from vibration.
- Stylus pressure adjusted with finger touch device, for correct tracking force.
- Oversized turntable with handsome mat.
- Minimum Cabinet Dimensions: 14 $\frac{1}{2}$ " W. 12 $\frac{1}{2}$ " D. 4 $\frac{5}{8}$ " (Above Board). Operates on 110-120 V. AC, 60 cps. Shipping wt. 10 lbs.

Mounting Base, CA-396 \$ 5.50

Deluxe Walnut Wood Mtg. Base, CA-430 \$19.95

Molded Dust Cover, CA-398 \$ 5.50

45 RPM Adapter Spindle, RP-335 \$ 3.80

"Power-Matic" Base, CA-366 \$14.95

40B Changer and your choice, Empire 90EE/X, or Pickering P/ATE AS-321 \$44.51

40B Changer and your choice, Shure M55E or Pickering V15/ACE-3 Cartridge, AS-322 \$49.50

AUTOMATIC and MANUAL RECORD CHANGERS

DAD, MOM OR GRAD

SL72B 3-SPEED AUTOMATIC/MANUAL TURNTABLE/CHANGER



Olson RP-390

\$89⁵⁰

(Less Base)
\$10 MONTHLY

Minimum Cabinet Dimensions 15 $\frac{1}{2}$ " W. x 14 $\frac{1}{8}$ " D. x 4 $\frac{3}{8}$ " (Above Board).

Operates on 110-120 volts AC, 60 cps. Shpg. wt. 13 lbs.

Mtg. Base, CA-397 \$ 6.50

Deluxe Walnut Wood Mtg. Base, CA-431 \$19.95

Molded Dust Cover, CA-399 \$ 6.50

45 RPM Adapter Spindle, RP-356 \$ 3.80

SL72B Changer and your choice, Empire 999E/X Shure M93E or Pickering V15/ATE-3 Cartridge, AS-328 \$89.51

SL72B Changer and your choice, Empire 999SE/X, Shure M91E or Pickering XV15/AME Cartridge, Olson AS-329 \$94.50

Look What 1¢ Buys!

Your Choice With Garrard

SL-72B SL-95B See Below

EMPIRE

PICKERING

SHURE



999E/X



V15/ATE-3



M93E

STEREO ELLIPTICAL CARTRIDGE

\$39.95 Value Separately

SL95B AUTOMATIC/MANUAL RECORD CHANGER



Olson RP-392

\$129⁵⁰

\$10 MONTHLY



(Less Base)

- ★ 3 Speeds
- ★ With Synchro-Lab (tm) Synchronous Motor
- ★ NEW! Viscous Damped Tonearm Descent
- ★ NEW! Simplified Operating Controls
- ★ NEW! Record Support Platform
- ★ NEW! Black & Chrome Styling
- ★ NEW! Anti-Skating Control
- ★ NEW! Stylus Force Scale
- ★ Ultra-Low Mass Tonearm
- ★ 12" Balanced Turntable
- ★ NEW! Cueing Control

Minimum Cabinet Dimensions 15 $\frac{1}{2}$ " W. x 14 $\frac{1}{8}$ " D. 4 $\frac{3}{8}$ " (Above Board) Operates on 110x120 volts AC, 60 cps. Shpg. wt. 15 lbs.

Mtg. Base, CA-397 \$ 6.50

Deluxe Walnut Wood Base, CA-431 \$19.95

Molded Dust Cover, CA-399 \$ 6.50

45 RPM Adapter Spindle, RP-356 \$ 3.80

SL95B Changer and your choice, Empire 999E/X, Shure M93E or Pickering V15/ATE-3 Cartridge

Olson AS-323 \$129.51

SL95B Changer and your choice, Empire 999SE/X, Shure M91E or Pickering XV15/AME,

Olson AS-324 \$134.50

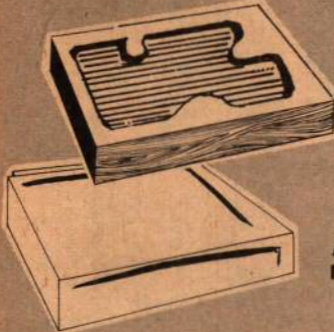
\$30 BONUS! Garrard SL-95B plus Empire 999VE/X Cartridge,

AS-325 \$159.50

2¢ SALE... SAVE \$7.94

BUY NOW and

Pay 2c and get a beautiful matching base and tinted dust cover with the purchase of RP-362 (right).



Order No. A5-457
All For **\$30**

Deluxe 4-Speed Stereo Changer

MADE IN ENGLAND
Olson RP-362
\$29.98

- England's Finest Changer Mfr. LESS BASE & COVER
- ★ Turn-Over Ceramic Cartridge
 - ★ 10% Weighted Turntable
 - ★ Tubular Aluminum Tonearm
 - ★ Plays Manually or Automatically
 - ★ Stylus Cleaning Brush
 - ★ Automatic Record Size Intermix
- Size: 18 1/4" x 11 1/2" x 5" above mtg. board. 110-120 v. AC, 60 cps. Shpg. wt. 10 lbs.
- Molded Dust Cover CA-415 \$3.98
Mtg. Base, Olson CA-414 \$3.98
AC Line Cord with Amp-Lock Plug, Olson W-535 99c
5' Audio Cable (2 req'd.), Olson HF-49 79c ea.

SALE

Olson Diamond Needle

Olson N-169
\$1.69
REG. \$2.49



- ★ Stereo Dual Tip
 - ★ Diamond LP
 - ★ Sapphire 78
 - ★ For GE C-500
- Shipping weight 1/4 lb.
- N. C. Cherry, 125 W. Swan St., Centerville, TN 37033, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

Deluxe 4-Speed Stereo Changers

Automatic



- ★ Spring Suspension
★ Stereo Cartridge
★ New Nylon Motor Suspension
★ 9 1/2" Dia. Turntable
★ Size: 13" x 6" x 11 1/4"
★ 110-120 Volts AC, 60 cps.
★ 4 Speeds: 16-33-45 and 78 RPM
Shipping weight 10 lbs.

Automatic/Manual

- ★ 4-Pole Motor
★ Plays 7-10 and 12" Records
★ Ceramic Cartridge Included
★ 4 Speeds: 16-33-45 and 78 RPM
Size: 18 1/4" W. x 11 1/4" D" x 3 3/4" H. (above mtg. board). 110-120 V. AC, 60 cps. Shipping weight 10 lbs.

Garrard Auto/Manual Model 30

Comes complete with its own ceramic diamond stylus cartridge, 1-piece cast aluminum tonearm, easy-to-use stylus pressure adjustment, 4-speed intermix, Garrard-built motor, two spindles, super-sensitive trip with Dupont Derling®. Size: 14 7/8" W. x 12 1/4" D. x 4 3/4" above mtg. board. 2 1/4" below. 110-120 volts, 60 cps. Shipping weight 10 lbs.

Garrard Auto/Manual X-11 "Demi" Module

- ★ Compact Design, Ideal for Bookshelf
- ★ Professional Aluminum Tone Arm
- ★ High Quality, Stereo Ceramic Cartridge
- ★ Automatic or Manual Operation
- ★ Power-Surge Hi-torque Motor
- ★ Advanced Foolproof Mechanism

Olson RP-364
LESS BASE & COVER **\$19.98**

- Molded Dust Cover, CA-415 \$3.98
Mtg. Base, Olson CA-318 \$3.89
AC Line Cord with Amp-Lock Plug, Olson W-535 99c
5' Audio Cable (2 req'd.), Olson HF-49 79c ea.

Olson RP-369
LESS BASE & COVER **\$24.98**

- Molded Dust Cover, CA-415 \$3.98
Mtg. Base, Olson CA-414 \$3.98
AC Line Cord, Olson W-535 \$.99
5' Audio Cable (2 req'd.), Olson HF-49 79c ea.

Olson RP-361
LESS BASE & COVER **\$39.50**

- ping weight 10 lbs.
Mounting Base, CA-396 \$5.50
Molded Plastic Dust Cover, CA-398 \$5.50
45 RPM Adapter Spindle, Olson RP-335 \$3.80
"Power-Matic" base, turns off amplifier when last record has played. Olson CA-366 \$14.95

Olson RP-393 **\$39.95**

- ★ Complete With Base and Dust Cover
 - ★ 4 Speeds: 16, 33, 45 and 78 RPM
 - ★ Plays All Size Records
 - ★ Ready to Plug-and-Play
- Size: 13" W. x 9" D" x 6" H. 110-120 volts AC, 60 cps. Shipping weight 7 lbs.

Olson

DIAMOND Needles

\$2.49

YOUR CHOICE



Stereo Dual Tip

- ★ Diamond LP ★ Sapphire 78
- A N-166 for Astatic 138, 140, 142, 146, 148
- B N-158 for Sonotone 16T
- C N-168 for BSR-C-1
- E N-173 for CN60, 62, 65, 67, 68, 70, 72, 75
- D N-172 for Sears 5000, 5005, 5170
- D N-174 for Tetrad T1
- F N-130 for Sonotone STA & 8T

Stereo Single Tip

- DIAMOND LP
- H N-102 for Ronette 105
 - K N-122 for Ronette

MONAURAL DIAMOND LP

- N-70 for Ronette

STEREO DUAL TIP

- N-176 for Garrard 30, X-10, X-11 \$4.57

RECORD KLEENER CLOTH
Olson HF-30
49¢
12 @ 35c ea.
3 for \$1.20

Silicone-treated. Eliminates static charges. Also lubricates. Shipping weight 1/4 lb.

ANTI-STATIC SPRAY & CLEANER
Olson TL-471
WITH FREE CLEANING CLOTH
\$1.29
3 For \$3.60

- ★ Record Cleaner
- ★ Prevents Dust Pickup

Shipping weight 1/2 lb.

4-Speed Turntable
Olson MO-236
\$3.99
battery powered

- ★ Operates on 9 Volts DC
- ★ Ideal for Portable Phono
- ★ 16-33, 45 & 78 RPM

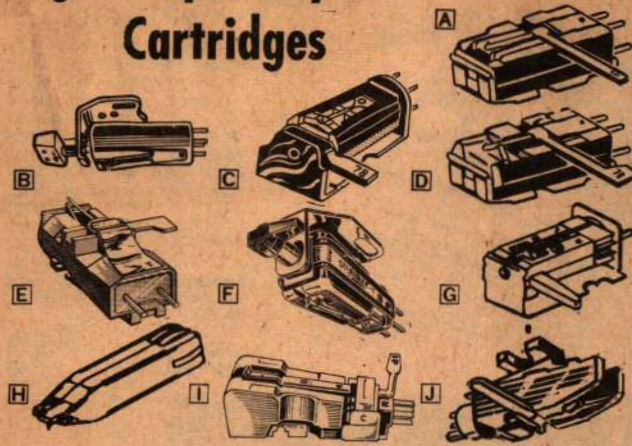
Shpg. wt. 3 lbs.

13" PHONO SLIDES
Olson HF-175
\$2.87
Smooth Quiet Action

- ★ For Side or Bottom Mounting
- ★ Load Capacity: 50 lbs.
- ★ Easy Action Steel Ball Bearings
- ★ Slide Travel 9"
- ★ Closed Length 13"

Shipping weight 3 lbs.

High Output Crystal & Ceramic Cartridges



A VARCO TN-02 STEREO *

Includes sapphire dual point stylus. Output: .6v. Tracking force 8 gr.

Olson PC-178 \$2.49

B VARCO ST-2X STEREO *

Two sapphire needles. Mounting bracket has std. 1/2" mtg. centers. Output: 1v Tracking force 8 gr.

Olson PC-180 \$2.98

B VARCO TO-55V MONO *

Turnover cartridge with two sapphire needles. Mtg. bracket has 1/2" mtg. centers. 3.6v. Output.

Olson PC-182 \$1.79

B VARCO TO-35V MONO *

Turnover cartridge with 1/2" mtg. centers and two sapphire needles. 7 volt output.

Olson PC-186 \$1.79

Varco TO-35 Same as above but does not include mtg. bracket. For front mount tone arms.

Olson PC-183 \$1.69

C VARCO ST-2V STEREO *

Includes two sapphire needles and universal mounting bracket. Output: 1v. Tracking force 6 gr.

Olson PC-179 \$2.98

D VARCO CN-65 MONO *

Turnover sapphire stylus. Universal mtg. 1/2" centers or single hole European. .28v. output.

Olson PC-181 \$1.79

E VARCO TM-3 MONO *

★ Hi Output Dual Sapphire Flipover Stylus

Response 50 to 10,000 Hz. 8 gram tracking force; 1/2" mounting center. Shpg. wt. 1/4 lb.

Olson PC-177 \$1.98 ea.

F RONETTE 106 STEREO

Turnover type. Stereo monaural. Output, 1.5 volts. Resp.: 50 to 11,000 Hz.

No. PC-70 \$2.99

G ELECTRO VOICE 26 STEREO

Ceramic element. Sapphire stylus, 0.5 volts output, 20-20,000 Hz. response; 5 gr. tracking. Shipping wt. 1/4 lb.

Olson PC-168 \$6.90

H ELECTRO VOICE 13-D STEREO

Ceramic element. Diamond, sapphire stylus, 0.5 volts output. Response: 20-20,000 Hz. 6 gr. tracking force. Shipping weight 1/4 lb.

Olson PC-166 \$5.37

I Replaces SONOTONE 8TA4-SD

★ With Diamond Stylus

Olson PC-92 \$7.64

J GARRARD REPLACEMENT

by Electro Voice

Model 30 changers. Diamond stylus.

Olson PC-176 \$6.90

For Garrard X-10 & X-11 Chgrs.

Olson PC-175 \$7.20

C. A. Nevins, 1607 Van Geisen, Richland, WA 99352 wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

*Used in BSR, VM, Maestro, GE, and Garrard Changers

SOLID STATE PRE-AMPLIFIER

- ★ Adapts Magnetic Phono Cartridge Tape Deck or Mike to Amplifier with Hi-Level Inputs
- ★ Response: 30 to 20,000 Hz.
- ★ Operates on 9 Volt Battery
- ★ Equalization: RIAA

Size: 3" x 2" x 1 1/4". Shipping weight 1/2 lb.



Olson AM-367 \$4.98

Varco Mono Phono Arm



- ★ Turnover Crystal Cartridge
- ★ Two Sapphire Needles
- ★ 3 Volt/High Output
- ★ Modern Styling

Shipping weight 1/4 lb.

Olson HF-152 \$1.79

3 for \$4.50

Olson PROFESSIONAL STEREO TONE ARM

Perfect Balance For Your Manual Turntable



NEW \$17.98

- ★ Friction Free Operation
- ★ Tracks at Less Than 1 Gram
- ★ Accepts All 1/2" Mounting Center Cartridges
- ★ Low Resonance Construction
- ★ Adjustable Counter Weight Balance

- ★ Built-in Anti Skating
- ★ Chrome & Brushed Aluminum Finish
- ★ Includes Removable Cartridge Shell

Overall size: 12 1/4". Shipping weight 2 lbs.

EMPIRE Pickering SHURE MAGNETIC PHONO CARTRIDGES

NOTE: If your amplifier or receiver does not have preamplifiers, you must use our AM-368 (see Below.) pre-amplifier with the wide range cartridge below.

EMPIRE	PICKERING	PICKERING	SHURE
A EMPIRE 90EE/X STEREO		C STEREO CARTRIDGE	
★ Built-in Stylus Guard		Model XV15/750E	
MAGNETIC mono/stereo cartridge with Elliptical diamond stylus. Response: 10 to 20,000 Hz. Channel separation; more than 30 db. 1/2" mounting centers.		Tracking Pressure	
No. PC-187 \$24.95		Only 1/2 to 1 Gram	
No. PC-188 999E/X Elliptical \$39.95		★ Separation: 35 db.	
No. PC-189 999SE/X Elliptical \$49.95		★ Diamond Elliptical Stylus	
No. PC-190 999VE/X Elliptical \$79.95		★ Response: 10 to 25,000 Hz.	
		★ DCF value 750	
		★ Output: 5.5 mv.	
		Olson PC-160, \$10 Monthly \$65.00	

B PICKERING P/ATE STEREO	D SHURE M44-E STEREO
MAGNETIC CARTRIDGE Response: ± 2 DB 20-20,000 Hz. Channel separation 30 DB, Tracking force 3-7 grams. Output 6-9 MV per channel .7 mil. dia., stylus.	Separation: 25 db, at 1,000 Hz. Response: 20-20,000 cps. Recommended load: 47,000 ohms. Tracking: 1 1/2 to 3 grams, 1/2" mounting centers.
No. PC-170 \$24.95	Olson PC 143 \$24.95
No. PC-148 V15/ACE-3 Elliptical \$29.95	Olson PC-169 M55E Elliptical \$29.95
No. PC-149 V15/ATE-3 Elliptical \$39.95	Olson PC-163 M93E Elliptical \$39.95
No. PC-150 XV15/AME Elliptical \$49.95	Olson PC-164 M91E Elliptical \$49.95

BOTH FOR \$16.99

Olson STEREO PRE-AMP



Olson AM-368 \$8.98

- ★ Adapts magnetic cartridge to any stereo amplifier
- ★ Response: 30 to 20,000 Hz.
- RIAA ★ 4 transistor circuit
- 110-120 V AC, 50/60 cps.
- Size: 4" x 2 1/2" x 1 1/2". Shipping wt. 1 lb.

Pickering STEREO CARTRIDGE



Olson PC-192 \$8.99

- ★ Magnetic for Utmost Response
- ★ Response: 20 to 15,000 Hz.
- ★ Diamond Stylus
- ★ 1/2" Mounting Centers
- Shipping weight 1/4 lb.

MONAURAL PHONO ARM

Olson HF-35 \$1.59



- 3 for 3.57
- ★ Plays All 4 Speeds
- ★ Spring Counter Balance

- ★ Dual Sapphire Stylis
- ★ Resp.: 50-13,000 Hz.
- ★ Output: .5 V
- Shpg. wt. 1/4 lb.

★ Stereo Phono Arm Same as above but has stereo cartridge.

Olson HF-35 \$2.49

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 29

SAVE 40%



Olson Tape Library Kit

Only **\$12⁶⁰** With Purchase of RA-275 (Right)

- ★ Individual Catalog price \$21.07
- ★ Includes 12 Blank Cassettes
3-30 Min., 3-60 Min., 3-90 Min., 3-120 Min.
- ★ Walnut Vinyl Covered Storage Rack

Olson A5-463 Shpg. wt. 5 lbs.



Olson

STEREO CASSETTE DECK

- ★ Record and Play Cassette Tapes Through Your Stereo System
- ★ Solid State Pre-amps
- ★ Dual VU Meters
- ★ Record Level Controls
- ★ Push Button Control Panel
- ★ 3 Digit Counter with Reset
- ★ Pop-Up Cartridge Eject System
- ★ Wide Range Response
- ★ Walnut Finished Base
- ★ Separate Microphone Inputs

Size: 8³/₄" x 11" x 4" H. Operates on 110-120 volts A.C. 60 cps. Shipping wt. 10 lbs.

Olson RA-275
*\$10 Monthly

\$89

CASSETTE RECORDERS

GOOD



CASSETTE RECORDER

Solid state circuitry. Features fast forward and rewind. Ideal for Home, office and school use. Includes handmike with remote control switch, earphone and carrying strap or handle. Size: 4⁷/₈" W. x 9" L. x 2³/₄" D. Shipping weight 4 lbs.

Styles May Vary

Olson RA-988 **\$21⁹⁸**

Milovac DELUXE PORTABLE CASSETTE RECORDER



- ★ Operates on Battery or House Current
- ★ Ideal for school, office, home, etc.
- ★ Push Button Control Panel
- ★ Convenient Digital Counter w/Reset
- ★ Record Level Meter
- ★ Variable Tone Control
- ★ Durable Hi-Impact Case

Includes dynamic Remote Control Mike, blank Cassette and Earphone. Size: 10¹/₂" x 13¹/₄" x 4¹/₄". Operates on 110-120 volts A.C. 60 Hz. and 4 "C" size batteries. Shpg. wt. 6 lbs.

Olson RA-381

\$44⁹⁸

Batteries for above (4 req'd.)
Olson BA-41 13c ea.

AIWA

CASSETTE Portable Recorder

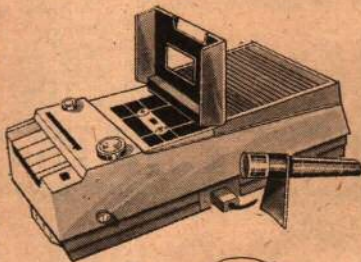
OPERATES ON BATTERY OR HOUSE CURRENT

- ★ Solid State Circuitry
- ★ Functional Push Button Controls
- ★ Battery/Record Level Meter
- ★ Auxiliary Input for Direct Recording
- ★ Durable High Impact Case
- ★ Cartridge Eject Push Button.

Includes remote control mike, earphone, AC Cord, carrying Strap, Batteries, and Blank Tape. Size: 5¹/₄" x 10" x 2³/₄". Operates on 110-120 volts A.C. 60 Hz. or 5 "C" size batteries. Shipping weight 6 lbs.

Olson RA-350 **\$29⁹⁵**

BETTER



CASSETTE DICTATING RECORDER

- ★ With Instant Review
- ★ Records Up to 60 Minutes on Popular Cassette Tape
- ★ "Instant Review" Button Rewinds Portion of Tape for Review or Editing
- ★ Automatic Volume Control Assures Uniform Playback Volume
- ★ Digital Counter Quickly Locates Each Note or Letter
- ★ Convenient Push-Button Controls
- ★ Cassette Automatically Stops and Pops-Up At End of Tape
- ★ Operates on Battery or House Current
- ★ Includes: Microphone, 60 Min. Cassette, Earphone and Batteries.

Size: 7-11/12" x 11¹/₂" x 2¹/₂". Shipping weight 6 lbs.

Olson RA-362
*\$10 Monthly

\$69⁹⁸

Foot Pedal Control For Above Olson RA-382 \$4.98

SR STANDARD

BEST



CASSETTE TAPE RECORDER

- ★ Operates on Battery or House Current
- ★ Remote Control Dynamic Mike
- ★ Push Button Control
- ★ Includes: Batteries, C-60 Cassette, Mike and Carrying Case
- ★ Automatic Record Volume Control
- ★ Recording Battery Life Light.

Size: 2¹/₂" x 4³/₄" x 7¹/₄". Shipping weight 5 lbs.

Olson RA-277 **\$39⁹⁵**

MODEL TP-1004 STEREO RECORDER

- ★ Stereo Record and Play
- ★ Battery or House Current
- ★ Convenient Push Button
- ★ Stereo Headphone Jack
- ★ 2 Watt Output
- ★ Detachable Speakers
- ★ Resp.: 60-10 000 Hz.

Also includes earphones, batteries, AC line cord, and tape. Size: 12³/₄" x 13" x 3¹/₂". Shipping weight 10 lbs.

Olson RA-253
*\$10 Monthly

\$89⁹⁵



CASSETTE ACCESSORIES

BEST

AMPEX



CASSETTE TAPE ★ Special Lubricated Tape
★ High Signal to Noise Ratio
★ Plastic Mailer-Storage Case

Features new low noise full response tape for high-quality reproduction. Shpg. wt. 1/4 lb. EACH

Olson TA-596	30 Min.	4 for \$ 7.40	\$1.98
Olson TA-597	60 Min.	4 for \$ 8.10	\$2.25
Olson TA-598	90 Min.	4 for \$13.00	\$3.49
Olson TA-599	120 Min.	4 for \$15.00	\$3.98

AMPEX CASSETTE LIBRARY Olson TA-602 \$9.95
★ Includes 6 C-60 Cassettes
★ Handy Storage Box for 11 Cassettes

SALE

Olson CASSETTE TAPES

AS LOW AS **89c**
★ Distortion Free Output
★ Headwear Virtually Eliminated

BETTER



In Lots of 10
Includes Molded Plastic Storage Box

Features special non-jamming cartridge with high output tape for full response recording. Shipping weight 1/4 lb. EACH

TA-603	30 Min.	10 @ 89c ea.	\$1.09 ea.
TA-604	60 Min.	10 @ \$1.19 ea.	\$1.39 ea.
TA-605	90 Min.	10 @ \$1.99 ea.	\$2.29 ea.
TA-606	120 Min.	10 @ \$2.89 ea.	\$3.09 ea.

FINEST



\$3.30 4 for \$13 TA-627

MEMOREX "CHROMIUM DIOXIDE" 60 MIN CASSETTE TAPE

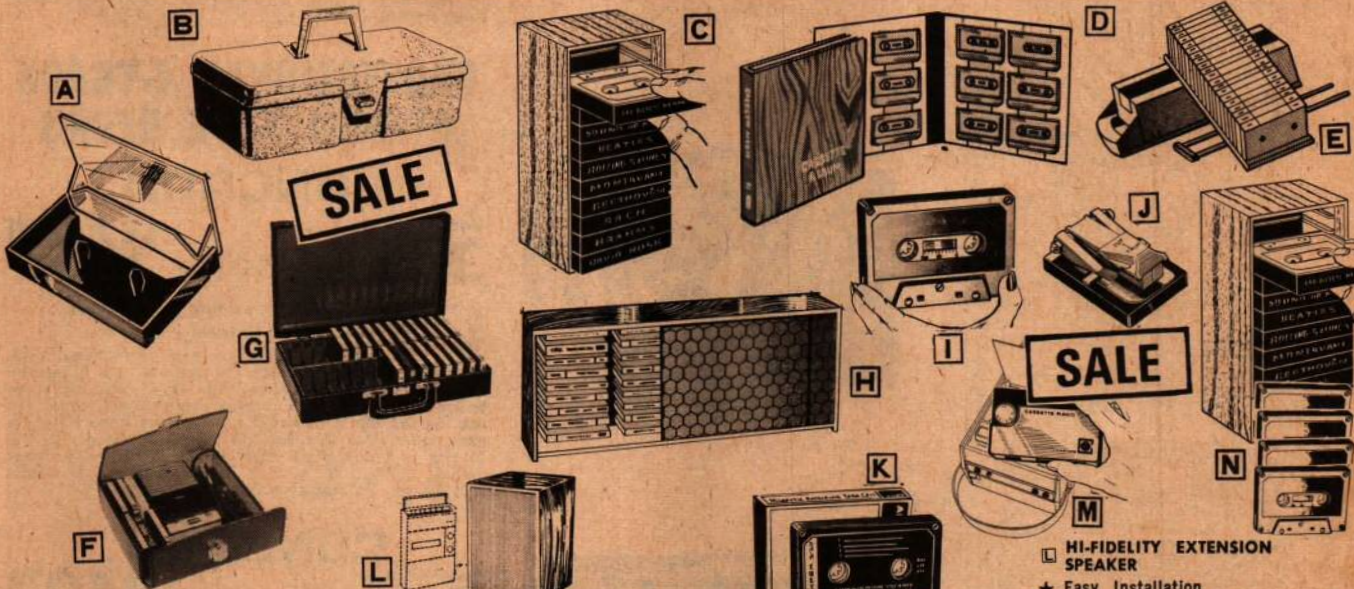
GIVES EXTENDED FREQUENCY RANGE
★ Ideal for All Dual Bias & Dolby System Cassettes
★ Low Noise—High Output
Chromium Dioxide, the most revolutionary hi fidelity recording medium. You can obtain recordings without the inherent noise of other cassette tapes with the dynamic range of your finest long playing records. Memorex Cassettes in standard recorders increases the high frequency response. Shipping weight 1/4 lb.

GOOD



BEST BUY! CASSETTE TAPES AS LOW AS **69c**
In Lots of 10

★ Blank for Mono or Stereo
30 Minute No. TA-534 79c ea. 10 @ 69c ea.
60 Minute No. TA-159 99c ea. 10 @ 89c ea.
90 Minute No. TA-466 \$1.99 ea. 10 @ \$1.89 ea.
120 Minute No. TA-490 \$2.69 ea. 10 @ \$2.49 ea.
Shipping weight 1/4 lb.



A CASSETTE STORAGE BOXES

★ Kit of Four
★ Rugged Molded Plastic with Hinged Lid
★ Holds Standard Cassettes
★ See-Through Cover for Easy Identification
★ Built-in Stops
Size: 4 1/2" x 2 3/4" x 5/8". Shipping weight 1/4 lb.
Olson TA-601, 99c Kit 4 for \$3.50

B CASSETTE CARRYING CASE

★ "LIFE TIME" Lab Tested Hinge
★ Made in U.S.A.
★ With Recessed Handle
★ Size: 4 3/4" x 11" x 3 3/4" H.
★ Holds 20 Standard Cassette Cartridges
Shipping weight 1 lb.
Olson CA-408, \$1.49 2 for \$2.58

C CASSETTE STORAGE RACK

★ Holds 12 Cassettes
★ Walnut Vinyl Covered
★ Blends With Any Decor
★ Stands Vertical or Horizontal
★ Ideal for Tape Library Rack
Size: 10 1/4" x 4 3/4" x 2 3/4".
Olson CA-438 \$1.69

D CASSETTE ALBUM

★ Holds 12 Cassettes
★ Convenient Index Page
Each cartridge fits snugly into a molded compartment.
9 1/2" x 10" x 1 1/4". Shpg. wt. 1/2 lb.
Olson CA-425 \$2.99

E SMPAC CASSETT-RAC

★ For Storage or Carrying
★ Holds 20 Cassettes Per Tray
★ Unique Lock Keeps Tape Secure
★ Rugged Vinyl Construction
★ Includes Two Storage Trays.
One Lock and One Slide-Cover With Handle
Size: 14" x 4 1/2" x 3". Shipping weight 3 lbs.
Olson CA-450 \$5.98

F RecoTon "Cassette Carry-All"

★ Holds Recorder, Acces. and 6 Cassette Tapes
★ Fits: Norelco-Craig-Sony-Panasonic and Others
★ Individual Compartments
★ Rich Leather Textured Vinyl
Size: 10 1/4" x 10" x 3 1/2". Shipping weight 4 lbs.
Olson CA-447 \$7.98

G DELUXE CASSETTE CARRY CASE

★ Attractive Red Plush Interior
★ Afligator Vinyl-Covered Exterior
★ Luggage Type Latch with Key
★ Holds 30 Cassettes
Size: 9 1/4" x 11 1/2" x 3 1/2" H.
Shipping weight 4 lbs.
Olson CA-423 Reg. \$7.98 \$5.99

H CASSETTE STORAGE CABINET

★ Holds 36 Cassettes
★ Attractive Sliding Styrene Doors
★ Handsome Walnut Finish
Size: 21" x 4" x 7 1/2". Shipping weight 5 lbs.
Olson CA-449 \$14.98

I CASSETTE HEAD CLEANER

★ For All Standard Cassette Recorders
Shipping weight 1/4 lb.
Olson TA-533 \$1.69

Cleaner Kit. Includes Cleaner Plus Fluid & Applicator

Olson TA-545 \$2.98

J CASSETTE TAPE SPLICER

★ Replaceable Cutter Pad
★ Tape Lock Arms
★ Cuts and Trims Tapes
★ Perfect Splices Every Time
Size: 3" x 2" x 1 1/4". Shipping weight 1 lb.
Olson TA-587 \$1.98

K AMPEX CASSETTE CLEANING-DEMAGNETIZING TAPE

Protect Your Valuable Equipment
★ Keeps Recording Heads Like New Longer
★ Cleans and Demagnetizes in Seconds by Just Using As a Standard Cartridge
★ Safe! No Messy Solutions or Electrical Connections
★ For All Standard Cassette Recorders
★ Prevents Distortion and Volume Loss
★ Includes Plastic Storage Box
Shipping weight 1/4 lb.
Olson HF-172 \$4.95

L HI-FIDELITY EXTENSION SPEAKER

★ Easy Installation
★ Walnut Enclosure
★ 5 Watt Capacity
Size: 5 1/2" x 9" x 3 3/4". Shipping weight 3 1/2 lbs.
Olson S-33 \$5.50
With Any Cassette Recorder Separately \$9.98

M CASSETTE AM RADIO TUNER

★ Plays Through Your Cassette Recorder
★ Solid State Circuit
★ Same Size as Standard Cassette Cartridge
★ Just Slip It In Like a Cartridge
Size: 4" x 2 1/2" x 5/8". Shipping weight 1/2 lb.
Olson RA-171 Reg. \$6.98 \$4.99

N CASSETTE TAPE STARTER KIT "Mixi Special"

★ Includes Attractive Walnut Vinyl Covered Storage Rack
★ 12 Olson Blank Cassette Tapes 4-30 Min., 4-60 Min., 4-90 Min.
★ Plastic Storage Boxes Included With Tape
★ Rack Stands Vertically or Horizontally
★ Ideal Tape Library Starter Kit For Home, School, etc.
Size: 10 1/4" x 4 3/4" x 2 3/4" Shipping weight 5 lbs.
Olson AS-446 \$16.98
PURCHASED SEPARATELY REG. \$21.69 VALUE

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 31

Stereo Tape Decks

Increase Your Listening Pleasure . . .



AIWA COMPLETE PORTABLE STEREO RECORDER

Model TP-1012
Olson RA-73
*\$10 Monthly

\$149⁹⁵

- Take Your Favorite Music With You to The Beach, Picnics, Parties, and Even In the Car
- Operates On Batteries Or House Current
- 7" Reel Capacity

Now from Aiwa comes a complete stereo recorder that offers features galore. In addition to it being completely portable it plays and records 4 track stereo or mono, has two built-in wide range speakers, powerful solid state amplifier and includes two dynamic mikes with stands. Features 3 speed operation, 3 digit counter with reset, separate controls for volume and tone, dual Vu-meters, stereo headphone jack, automatic shut-off. Plus an instant pause control. Response: 50 to 16,000 Hz. Size: 13 1/2" H. x 12 3/8" W. x 7 1/4" D. Operates on 110-120 volts AC, 60 Hz. and 8 "D" Cell batteries (included). Shipping weight 19 lbs.

PROFESSIONAL 4-TRACK STEREO TAPE DECKS CONCORD

Model Mark II
Olson RA-372
*\$10 Monthly
Was \$199.79 In 271 Cat.

\$149⁷⁹

- Plays and Records Through Your Stereo System
- Beautiful Walnut Base Included

The Concord Mark II is truly a professional deck but is functional and easy to operate. Its hysteresis synchronous motor assures you of a constant speed which will produce a perfect tape every time. You can record sound-on-sound plus add an echo effect to your tape. Has 3 long life heads, 3 speeds, 2 Vu-Meters and a 4 digit tape counter with reset. Size: 13" H. x 18 1/2" W. x 6" D. Operates on 110-120 volts AC, 60 Hz. Shipping weight 27 lbs.

CONCORD

Model Mark IV
Olson RA-374
*\$15 Monthly
Was \$299.50 In 271 Cat.

\$249⁷⁹

- Automatic Reversing-Records and Plays In Both Directions
- Stylish Addition To Any Stereo System

The Concord Mark IV was designed to offer you luxury and convenience in life. Now you can enjoy up to 12 hours of your favorite music without leaving your chair. It's advanced solid state electronics give you many enjoyable listening hours. Features four extra long life heads, 3 speeds, automatic tape lifters, tape or source monitoring, sound-on-sound and echo effect recording, two large Vu-meters, slider type record level controls and stereo headphone jack. Includes beautiful walnut base and dust cover. Size: 13" H. x 18 1/2" W. 6" D. Operates on 110-120 volts AC, 60 Hz. Shipping weight 35 lbs.

AMPEX

Model 755A
Olson RA-375
*\$15 Monthly

\$219⁹⁵

- Vertical or Horizontal Operation
- Records and Plays Through Your System

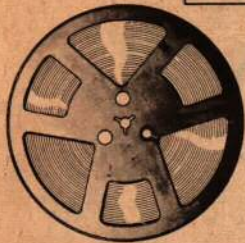
The well established Ampex quality is evident with your first glance of this unit. Three extra long life heads ensure you of many enjoyable hours of use plus enables monitoring of tape to insure a perfect recording everytime. Features sound-on-sound, sound-with-sound plus echo effect, hysteresis synchronous motor, dual capstan drive for constant speed operation. 3 speeds, dual Vu-meter, pause control and beautiful walnut base. Size: 13" x 15 3/4" x 6 1/2". Operates on 110-120 volts AC, 60 Hz. Shipping weight 27 lbs.



SALE

RECORDING TAPE BONANZA

Olson



2400 FT. MYLAR RECORDING TAPE

Olson TA-160
Single \$1.79

\$1.58

Lots of 10

- 7-inch Reels
- High Quality ■ Factory Boxed
- Made by U.S.A. Manufacturer
- Permanently Lubricated
- Shipping weight 1 lb.

Shamrock

RECORDING TAPE



89¢

AS LOW AS
In Lots of 10

- Factory Boxed
- Made in U.S.A. ■ 7" Reel—1 Mil.
- Polyester Backing
- Shipping weight 1 lb.

1200 Ft. Olson TA-75 10 @ 89¢ ea. Reg. \$1.79
\$1.09 ea. Reg. \$2.59
1800 Ft. Olson TA-110 10 @ \$1.29 ea. \$1.49 ea.

AMPEX

3" REEL



39¢

Lots of 10

Olson TA-607

Single 49¢

- ★ 275' — 54 Minutes at 1 7/8 ips.
- ★ Plastic Mailing Box
- Shipping weight 1/4 lb.

recording tape for all applications...



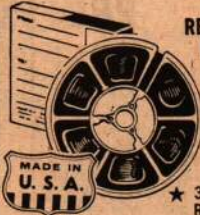
675' RECORDING TAPE

Olson TA-107

99¢

Pkg. of 3 Reels

- ★ 3—Stand, 3" Reels
- ★ 225' Tape Per Reel
- ★ 1 Mil. Acetate
- ★ Ideal for Voice Letters
- ★ Fits Most Recorders
- ★ Made in U.S.A.
- Shipping weight 1 lb.



RECORDING & DICTATING TAPE

Olson TA-18

69¢

10 @ 64¢ ea.
★ 300 ft. on 3" Reel



Ideal for voice letters. Costs only pennies to mail. Shipping weight 1/4 lb.

ENDLESS TAPE CARTRIDGE

Olson TA-146

3 @ \$4.50

\$4.98

Plays 12 minutes at 1/8, or 6 minutes at 3/4 ips on any capstan drive recorder. Put cartridge on supply spindle and thread across heads. 3" dia. Shipping weight 1/2 lb.

- ★ Easy to Operate

7-INCH REEL 1200 FT. MYLAR TAPE

GOOD



■ Made by U.S.A. Manufacturer Exclusively for Olson
Olson TA-542 3 for \$3.30, 12 @ 99¢, \$1.29 ea.
Shipping weight 1 lb.

1200' MYLAR TAPE ★ 5" Reel
3 for \$4.74, Lots of 12 ea. \$1.42
Olson TA-222 Single, Ea. \$1.69

7 INCH REEL 1800-FT. MYLAR TAPE
TA-544 Single \$1.71 3 for \$4.50
Lots of 12 \$1.25 ea.

BEST

AMPEX Recording Tape

AS LOW AS **29¢** IN LOTS OF 10

- ★ Extreme Smoothness Improves Response
- ★ Precision Compounding-Coating and Siltting
- ★ For Professional Results
- ★ Polyester and Acetate Types
- ★ 3", 5" and 7" Reels
- ★ Individually Boxed
- ★ Tensitized for Extra Strength
- Shipping weight 1 lb. per roll

Length	Base	Material	Mfg. No.	Reel Size	Stock No.	Each	Lots of 12
150'	1 1/2 mil	Acetate	311-11	3"	TA-622	.39	.29
275'	1 mil	Polyester	341-11	3"	TA-573	.91	.87
600'	1 1/2 mil	Acetate	311-13	5"	TA-620	.89	.69
900'	1 mil	Polyester	341-13	5"	TA-574	1.39	1.19
1800'	1/2 mil *	Polyester	361-13	5"	TA-577	4.98	4.76
1200'	1 1/2 mil	Acetate	311-15	7"	TA-575	2.65	2.52
1800'	1 mil	Acetate	321-15	7"	TA-576	4.00	3.79
1800'	1 mil	Polyester	341-15	7"	TA-578	4.40	4.18
2400'	1/2 mil *	Polyester	351-15	7"	TA-579	6.60	6.26
3600'	1/2 mil *	Polyester	361-15	7"	TA-580	8.80	8.37

accessories for your recording convenience...

7" TAPE STORAGE CAN



Olson TA-193

49¢

3 for \$1.17
12 @ 35¢ ea.

Finished in blue enamel. Shipping weight 1/2 lb.

H. Fox, 1 Woodcrest Dr., Schenectady, NY 12302 wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

RECORDING TAPE CHEST



\$4.98

Olson TA-194

Holds 12-7" reels or cans. All steel, grey enamel. Double safety catch, folding handle. Shipping weight 6 lbs.

EMPTY TAPE REELS



Reel is molded of sturdy break-resistant plastic. Shpg. wt. 1 lb.

YOUR CHOICE

29¢

7" Olson TA-192 10 @ 25¢ ea.

5" Olson TA-191 100 @ 20¢ ea.

3" AUTO-THREADING REEL
Olson AS-39 Pkg. 5 \$1.19

CONCORD

Portable TAPE RECORDER

Olson RA-317

\$10



- ★ Ideal for School, Business, Talking Letters, or Sound Camera
- ★ Lightweight — Weighs Only 2 lbs.
- ★ Remote Control Dynamic Mike
- ★ Variable Speed Control
- ★ Compact Precision Solid State
- Size: 6 3/4" x 2 1/2" x 4 1/2". Shipping weight 4 lbs.

Batteries for above, No. BA-67 (4 req'd.)

Limited Quantity

8 for 59¢

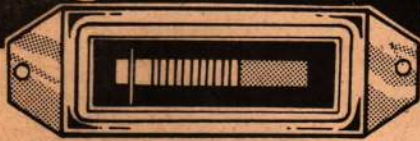
* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 33

CASSETTE & REEL RECORDER ACCESSORIES

SALE

RECORDING LEVEL METER



Olson ME-158

99¢

2 FOR \$1.90
REG. \$7.29

- ★ Movement Sensitivity: 200 ua.
- ★ Ideal for Many Audio Applications
- ★ Vertical or Horizontal Mounting
- ★ Fits 1 3/8" x 3/8" Mounting Hole
- ★ Shpg. weight 1/4 lb.

Computer Tape



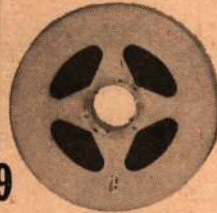
Olson TA-491

99¢

10 @ 89¢

- ★ Can be Split to 1/4"
- ★ 1/2" Wide
- ★ 1 1/2 Mil Mylar
- ★ 2,400 ft. of high quality computer tape on 10 3/2" plastic reel. Can be used on most home video recorders when rewound onto correct reels. Shpg. wt. 2 lbs. used.
- ★ 1200' Tape, Same as above but 1200' Olson TA-600. 79¢ ea.

1/4" Magnetic Recording Tape



Olson TA-608

\$1.99

10 @ \$1.89

- ★ 4,500 ft.—14" Metal Reel
- ★ Hi-Grade 1 1/2 Mil Mylar Base
- ★ Load Your Own Reels and Save
- ★ Shpg. wt. 3 lbs. used.

Leader Tape

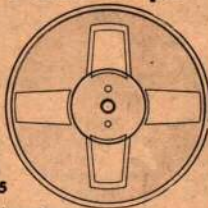


Olson TA-538

89¢

- ★ Index Between Recorded Selections on Reel
- ★ Reinforce Tape Ends
- ★ 1/4" Wide Mylar Base
- ★ 100 ft. Roll
- ★ Shipping weight 1/4 lb.

1/2" Video Tape Reel



Olson TA-589

\$1.98

3 @ \$1.90
10 @ \$1.75

- ★ 7" Diameter
- ★ Customized Center Hub
- ★ Fits All Home Video Tape Recorders
- ★ Shipping weight 1/4 lb.

Olson BULK TAPE ERASER



Olson TA-147

\$12.50

- ★ For 3", 5", 7" or 10 1/2" Tapes
- ★ Cassettes and Cartridge Tapes
- ★ Heavy Duty
- ★ Will erase any magnetic recording tape from 1/4" to 1" width, including cassettes and 4 and 8 track auto type cartridges. Housed in rugged case with Power Switch, Spindle and AC Cord. For 110-125 Volts AC. Size: 5 1/2" W. x 4 3/4" H. x 2 3/4". Shipping wt. 10 lbs.

Olson Deluxe Pillow Speaker



Olson 5-100

\$3.98

3 for \$11.37

- ★ Built-in Volume Control
- ★ Comfortable and Private For After-Hours Listening
- ★ Includes 5' Cable with 3.5mm Mini Plug
- ★ Molded Break-resistant Case
- ★ Impedance: 8 Ohms
- ★ Size: 3 1/2" x 3 1/4" x 1" Thick. Shipping weight 1 lb.

Olson TAPE SPLICER

Olson TA-588

\$2.89



- ★ 2 and 4 TRACK

Cutter arm has two blades, one cuts ends of tape to proper angle, the other blade trims edge of tape to remove excess splicing tape. Size: 3" x 2" x 1 1/4". Shipping weight 1 lb.

Olson PILLOW SPEAKER

- ★ Only 3/4" Thin
- ★ Works With Radio-Phono-TV Etc.
- ★ 6 Ft. Cable With Mini-Phone Plug
- ★ Listen Without Disturbing Others
- ★ Impedance: 8 Ohms
- ★ Size: 2 1/4" Dia. x 3/4" x 1" Thick. Shipping weight 1/4 lb.



Olson 5-995

\$2.19

RETRACTABLE PATCH CORD

Olson HF-115

\$1.79

3 For \$5.10

- ★ Extends to 6 Ft.
- ★ Recorder patch cord with clips. Includes plug adapter to 1/4". Shipping weight 1/4 lb.

Olson TAPE HEAD DEMAGNETIZER

Olson HF-147

\$2.89

2 for \$5

- ★ For Cartridge and Reel Type Recorders
- ★ Prevents Noisy Tapes
- ★ Fits Easily Into Cartridge Slot
- ★ Size: 8 1/4" L. x 7/8" dia. 110-120-v. AC. 50/60 cps. Shpg. wt. 1 lb.

Olson TAPE HEAD DEMAGNETIZER



Olson HF-38

\$3.98

- ★ Just connect to 117 volts AC and move tip against tape head. Removes head magnetism and protects tapes from partial erasures or noise insertions. Will demagnetize many small parts. Shipping weight 1 lb.

Olson TAPE REEL HOLDERS

Olson TA-571

99¢ Pkg. of 2 Pair



- ★ Holds Reel firmly in place
- ★ A must for operation of upright 1/4 lb. recorders

CASSETTE TAPE RECORDER HEADS

Olson TA-590

\$2.98



- ★ Set of Two
- ★ A two piece set containing one record/play-back and erase head. Specification: Record/play: 1/4 track. Shipping weight 1/4 lb.

Olson Transistorized POWER CONVERTER



6 & 9 Volts

Olson BA-166

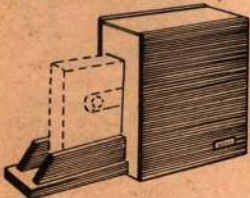
\$4.98

- ★ Operates Radios, Tape Recorders, Etc. from 12 Volt Auto Battery
- ★ Transistor Regulated
- ★ Plug Into Cigar Lighter
- ★ Output: To 300 Ma. Neg. Gnd. Shipping weight 1/2 lb.

SONY SUPERSCOPE

Olson TA-624

CASSETTE TAPE ERASER **\$19.50**



- ★ Restores Used Tapes to New Again
- ★ Completely Portable
- ★ Simple slot load action erases tape without batteries or AC power
- ★ Durable Compact Styling
- ★ Shipping weight 5 lbs.



**COMPACT
AM
TRANSISTOR
RADIO**
Olson RA-368
\$7.98

- ★ Fits into Purse, Pocket, Etc.
 - ★ Only 3 1/4" x 2 3/4" x 1 1/8"
 - ★ Sensitive Solid State Circuit
 - ★ Crystal Clear Sound From Built-in Speaker
 - ★ Hi-Impact Case
 - ★ Stylish Camera Styled Design
 - ★ Includes 2 Penlight Batteries, Earphone, and Carrying Strap
- Shipping weight 1 lb.

**FM/AM
PORTABLE
RADIO**

USES BATTERY OR HOUSE CURRENT

\$11.99

Olson RA-276
Reg. \$15.98

- ★ Solid State Circuitry
 - ★ Easy-to-Read Dial
 - ★ Telescope FM Antenna
 - ★ Built-in AM Antenna
 - ★ Includes AC Cord, Batteries and Earphone
- Size: 7 3/4" x 4 1/2" x 2 1/2". Shipping weight 4 lbs. Style may vary.



SALE

**We Want To Continue To Send
You Olson CATALOGS . . .**

but it costs us several dollars each year to do so. For this reason we must receive an occasional order from you in order to keep you on our mailing list. Just an order or two each year will keep you on our ACTIVE list . . . and you will receive the Olson Catalogs without interruption.

Olson merchandise is manufactured around the world. ENGLAND, FRANCE, GERMANY, DENMARK, ITALY, HOLLAND JAPAN and U.S.A.

We travel all over the world carefully selecting the finest manufacturers to produce quality products at reasonable prices. You can be sure when you select an Olson product that it is made of the finest material with the best "know-how" in the electronic industry anywhere in the world.

ABOUT OUR PRICES

Your order is shipped at the current price. Prices in this catalog replace prices in all previous Olson catalogs and are subject to change without notice. Orders are filled at the price in effect at time of shipment.

YOU BENEFIT FROM ANY PRICE REDUCTION. If prices are lowered during the life of this catalog, you get the advantage of the lower price. We reduce the cost accordingly and send you a refund at the time we make the shipment.

Our Return Policy

All of our equipment is brand new and unused except where noted. Any returns other than defective merchandise will be subject to a small service charge of not less than \$1.00 or more than 10% of the purchase price. This is to cover handling expense and resale through our outlets at a reduced price. All items returned for credit or exchange must be returned as shipped to you, in brand new condition complete with all accessories.

Olson WANTS TO BUY!

Olson will pay top CASH prices for electronic parts and equipment similar to the items found in this catalog. Merchandise must be first quality. May be complete or incomplete. Large quantities preferred.

Jack R. Hardke
Write Giving Quantity
and Description to

260 S. Forge Street
216, 535-9191 Akron, Ohio 44308



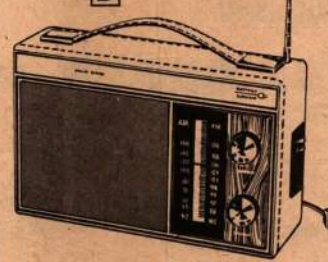
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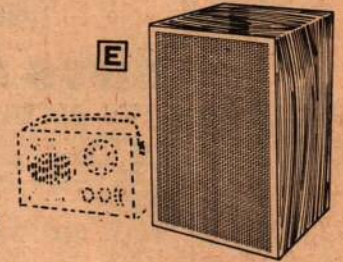
B



C



D



E

A 12-TO-9 VOLT ADAPTER

Plugs into cigarette lighter to change 12 volt car current to 9 volt. Now you can play these radios on car battery power. Shipping weight 3/4 lb.

Olson X-86 \$1.39

B 6 TRANSISTOR AM RADIO

★ Built-in Antenna ★ For Metropolitan Areas ★ Carrying Strap ★ Complete With Batteries ★ Sensitive Solid State Circuit ★ Compact — Fits Into Purse, Pocket, Etc.

Size: 2 5/8" x 4 1/2" x 1 3/4". Shpg. wt. 2 lbs.

Olson RA-544 \$4.49

C 9-TRANSISTOR AM/FM RADIO

★ Includes Battery & Earphone ★ Telescope FM Antenna ★ Built-in AM Antenna ★ For Metropolitan Areas.

Size: 8" x 4 3/4" x 1 1/2". Styles may vary.

Olson RA-723 \$9.98

D FM-AM PORTABLE RADIO

USES BATTERY OR HOUSE CURRENT

★ Solid State Circuitry ★ Built-in "Lock for Strong FM Stations Stops Drifting" ★ Heavy-Duty 3" Speaker ★ Uses 4 standard "C" Size Flashlight Batteries (Included) ★ Pivoting Telescopic Antenna

Styles may vary. Size: 5 3/4" x 9" x 2 3/4".
Olson RA-873 \$24.98

**E BIG RADIO SOUND FROM
YOUR TRANSISTOR RADIO**

Surprising depth and dimension just by attaching this Olson extension speaker to your present radio. Plugs into earphone jack with 6' cable which has standard 3.5mm mini-plug attached. Walnut grained enclosure. Size: 5 1/2" x 9" x 3 3/4". Shipping weight: 3 1/2 lbs.

Olson S-33 \$9.98

REPLACEMENT EARPHONES

Olson 25-Foot Earphone

Extension Cord

YOUR CHOICE

Olson PH-138 2.5MM Plug

Olson PH-139 3.5MM Plug

99¢

With plug and jack. Soft flexible. 2 cond. cable. Shipping weight 1/4 lb.

15 OHM EARPHONE

★ With Cable Plug & Jack

★ Padded Ear Hook

★ MicroPlug 2.5 MM

Shipping weight 1/4 lb.

Olson PH-130

99¢

2,000 ohm Dynamic Earphone Like Above. ★ With Mini-Plug 3.5 MM

Olson PH-131 \$1.29

**"EAR EASE"
EARPHONE**

Olson PH-137

\$3.29



Miniature acoustic chamber. Improved low frequency response. Size: 3 3/4" x 1 3/4" x 1", has 4 ft. cable with 3.5 mm plug. Shipping weight 1/4 lb.

**Olson SILENT TV
RADIO LISTENER**

Olson SW-346 3 FOR \$5.50

\$1.98

Ideal for bedside radio or TV. Switch turns off speaker in set if desired. Has two earphone jacks. Complete with one earphone and 15 ft. connecting cable. Size: 2 7/8" x 1 5/8" x 3/4". Shpg. wt. 1 lb.



**Olson DYNAMIC
EARPHONE**

★ Reversible Ear Hook 3.5 MM

★ 5' Cable with Plug

★ 8 Ohms

Shpg. wt. 1/4 lb.

Olson PH-123 3 FOR \$7.50

Same as above but has 25' Cable

No. PH-141 \$2.89



Get All The News Police Call Radios



SALE

A



B



SALE

C



D

GIFTS FOR GRADS, MOMS OR DADS

A POLICE AND FIRE RECEIVER

★ 24 Hr. Weather Forecast 162.55 MHz ★ Solid State Circuitry ★ Includes Reg. AM Band ★ 145-174 MC ★ Battery Included ★ Styles May Vary
Size: 3" W. x 5" H. x 1 1/4" D. Shipping weight 3 lbs.

Olson RA-113

REG. \$14.98

\$9⁹⁹

O. L. Davis, 464 Spring Street, Mount Sterling, KY 40353, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

B 4 BAND HI-LO POLICE PLUS FM-AM

★ Battery or House Current ★ Sensitive 14 Transistor Circuit ★ Bands: Police (148-174 MC) & (30-50 MC), FM-AM ★ Full Range 4" Speaker ★ Leatherette Covered Case

Size: 11 1/4" x 6 1/2" x 4" Operates on 110-120 volts AC, 60 cps. and on (4) "C" size batteries (included). Earphone included for private listening. Shipping weight 4 lbs.

Olson RA-351

\$29⁹⁸

C AIWA 6 BAND

★ Operates on Battery or House Current ★ Hi and Lo Band Police (30-50 MHz) and (148-174 MHz) ★ FM and AM Broadcast Bands ★ 24 Hr. Weather Forecast 162.55 MHz ★ Aircraft: 103-138 MHz ★ Shortwave 6-16 MHz ★ Tone Control
Size: 9" x 8" x 3". 110-120 v. AC. 60 cps. or 4 "D" Batteries (included).

Olson RA-279, *\$10 Monthly
REG. \$59.98

\$49⁹⁹

D How to Hear POLICE, FIRE, AIRCRAFT RADIO

★ An effective guide on how to improve your present equipment or how to purchase the proper radio for your application. Shipping weight 1/4 lb.

Olson B-319

\$3⁵⁰

HEAR TV ANYWHERE



★ TV-FM Receiver for Metropolitan area gives you TV sound without the Sight. Channels 2-13
★ 11 Transistors
★ Accurate Slide Rule Tuning
★ Connects to Your Tape Recorder
★ Carrying Strap
★ Telescope Antenna
★ Earphone Included
Size: 8" x 5" x 2". Shipping weight 2 lbs.

Olson RA-23

\$21⁹⁹

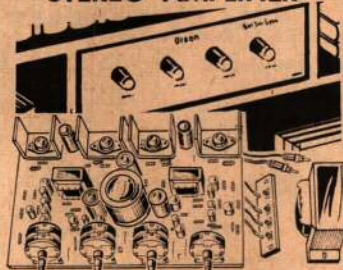
LIMITED QUANTITY

BATTERIES 4 PENLIGHT REQ'D

Olson BA-67

8 for 59c

Olson 28 WATT STEREO AMPLIFIER

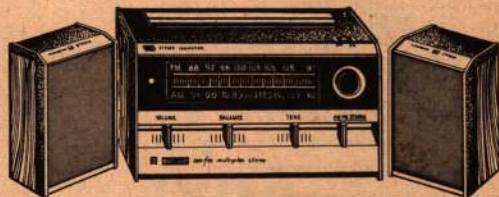


★ Save! Build Your Stereo
★ Output: 10 Watts RMS, 28 Watts IHF
★ High Impedance Input
★ Response: 50-20,000 Hz
★ Controls: Volume, Balance, Treble & Bass
★ 4-16 Ohm Output
★ Includes Brushed Aluminum Face Plate and Matching Knobs
Size: 7 1/4" x 4 1/4" x 1 3/4". 110-120 V. AC. 60 cps. Shpg. wt. 5 lbs.

Olson AM-341

\$24⁹⁸

MILOVAC STEREO FM-AM PORTABLE RADIO



★ Take Stereo Music Anywhere
★ Operates on Battery or House Current
★ Sensitive 17 Transistor Circuit Brings in The Weakest FM-AM Stations
★ FM Stereo Lamp Indicator
★ Easy Set Slide Controls
★ Two Wide Range Detachable Speakers
★ Stylish Hi-Impact Case
★ Built-in AM Antenna — Telescoping FM Antenna
Complete with earphone and 4 "C" batteries.
Size: radio 9 1/4" W. x 6 1/2" H x 2 1/2" D. Speakers: 4 3/4" W. x 6 1/2" x 2 1/2". Operates on 110-120 volts AC, and 6 volts DC. Shipping weight 6 lbs.

Olson RA-369

\$49⁹⁸

Listen to World Events With Multi-Band Radios

Enjoy the News and Music of all Countries



GRUNDIG

FM-AM PORTABLE RADIO



- ★ Enjoy Your Favorite FM-AM Station With Brilliant Vivid Sound
- ★ Sensitive Solid State Circuit
- ★ Push Button Selectors for Tone, AFC and Bands
- ★ Built-in Antennas
- ★ Attractive High Impact Case
- ★ Operates on 6 Economical Size "C" Batteries

Size: 11" x 7" x 3". Shipping wt. 4 lbs.

Batteries (6 req'd.) BA-41 13c ea.

MODEL TR-301

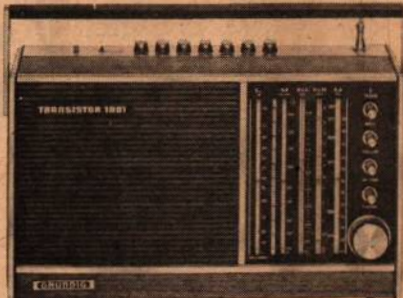
Olson RA-353

R. Lewis, 959 Meeker, Delta, CO 81416 wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

\$39⁹⁵

GRUNDIG

5 BAND: FM-AM-SW-LW PORTABLE RECEIVER



- ★ Wide Range Reception
- ★ Hi-Fi Sound
- ★ Operates on Battery or House Current (110-220 Volts)
- ★ Band Coverage: FM (88-108 MHz) Short Wave 1: (5.9-62 MHz) SW-2: (6.1-16 MHz) Long Wave: (145-400 KHz) AM: (510-1620 KHz)
- ★ Fine Tuning Control for Pin-Pointing Station
- ★ Sensitive Solid State Circuit
- ★ Separate Bass and Treble Controls
- ★ Black w/chrome Accent Cabinet
- ★ Size: 14" x 8" x 4". Operates on 110-120 volts AC, or 6 "D" cell batteries. Shipping weight 10 lbs.

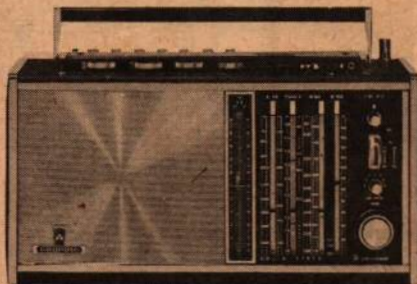
MODEL TR-1001

Olson RA-354

\$119⁹⁵

GRUNDIG

20 BAND WORLD-WIDE RECEIVER



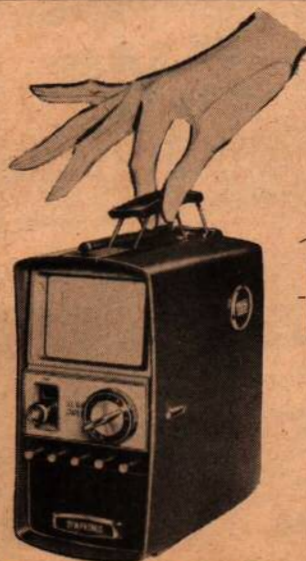
IMAGINE! The World Events At The Touch Of Your Finger

- ★ Battery or House Current
- ★ Compact and Portable
- ★ Bands: 17 Short Wave (Cover 10 to 187 Meters) for International Reception, LW: 150-400 KHz, FM: 88-108 MHz, and AM: 540-1640 KHz
- ★ Built-in Noise Filter Insures Clear Reception
- ★ FET Transistors Offer the Utmost in Sensitivity
- ★ Dual Hi-Fi Speaker System
- ★ Fine Tuning & Band Spread Control Helps Pin Point Station
- ★ Visual Tuning Meter & Battery Strength Meter
- ★ Black w/chrome Accent Case
- ★ Separate Base and Treble Controls

Plus Many More Features Too Numerous To Mention
Size: 18 1/2" x 10 1/4" x 5". Operates on 110-120 V, AC or 6 "D" cell batteries. Shipping weight 12 lbs.

World's Finest Full Coverage Receiver
MODEL TR-6001
Olson RA-364 \$15 Monthly

\$249⁹⁵



SYMPHONIC

3 INCH UHF-VHF ALL CHANNEL TV RECEIVER

IDEAL FOR ALL SUMMER OUTINGS
USE BATTERY OR HOUSE CURRENT

- ★ Solid State Circuitry
- ★ AC Adapter and Batteries Included
- ★ Operates on Standard "C" Size Batteries

Carry it anywhere. Now you don't have to miss your favorite program just because you won't be home. Compact: 6 3/4" H. x 6" D. x 3 1/2" W. 110-120 Volts AC. Shipping weight 6 lbs.

Olson TV-144

*\$10 Monthly

\$149⁹⁵

Olson Electronics 37

* MONTHLY PAYMENT CHART, See Page 18

Two-Way Radio

An **Olson** BREAKTHROUGH for Everyone

What a convenience! Use as easily as a phone to talk car-to-car, car-to-home, car-to-business. You can install a Citizen's Band (CB) radio yourself, or anyone who installs car radios can install it for you. Clear reception up to 15 miles, depending on terrain or weather conditions. So powerful you'll need a license to operate it, that costs only \$20 for five years, and all you need to do is apply for it.

Olson Teaberry 23 Channel



★ Ready To Operate On All 23 Channels

The new **Olson** Teaberry "Five-by-Five" is an excellent two-way radio for emergency, business and public service use. Its advanced solid state circuit includes FET and IC for reliable and quality communication. Dual conversion receiver gives quiet, clear reception. Illuminated S and Power meter lets you see power and signal. Has adjustable squelch control and PA facility plus built-in TVI filter. Includes mounting bracket, rugged push-to-talk mike and power cord. Operates on 12 volts DC neg. or pos. gnd. Size: 6 7/8" L. x 7 1/2" W. x 2 1/8" H. Shipping weight 6 lbs.

Olson CB-200
* \$10 Monthly

\$129⁹⁵

AC Power Supply for Household Operation, **Olson** UA-156 \$24.95

Olson PACE 23 Channel



Complete 23 channel operation with 5 powerful watts to push your signal out! All silicon transistors for dependability. Glass fibre circuit board resists car vibration. Accurately calibrated "S" meter measures signal strength. Audio so good that engine and car noises don't interfere. Public address speaker can be added. Fine definition between channels plus squelch control to minimize "hash" noises. Latch rack accepts lock to discourage thieves. Size: 6 3/4" x 2 1/2" x 8 1/2". Operates on 12 volts DC neg. gnd. Shipping weight 5 lbs.

Olson CB-80
* \$10 Monthly **\$199⁹⁹**

AC Power Supply **Olson** CB-77 \$19.95

Regency

23 Channel With Digital Clock & Alarm



★ Base or Mobile

The all new Formula 23 has Easy-to-read digital clock that reads in hours and minutes, built-in alarm, and enables you to set the radio to turn on or off at preset time. Sensitive Solid State Circuit gives added talk power. Has large RF, SWR, and Signal Strength Meter. PA facility 3.2 watts output. Front panel head phone jack. Dual conversion receiver brings in the weakest stations and reduces channel slop-over. Includes automatic noise limiter, variable squelch control and fine tuning for crystal clear reception. Complete with auto cord, mounting brackets, AC cord and rugged push-to-talk mike. Operates on 110-120 volts AC, 60 Hz. and 12 volts DC Pos. or Neg. Gnd. Size: 5" H. x 14 1/2" W. x 10" D. Shipping weight 15 lbs.

Olson CB-176
* \$10 Monthly **\$189**

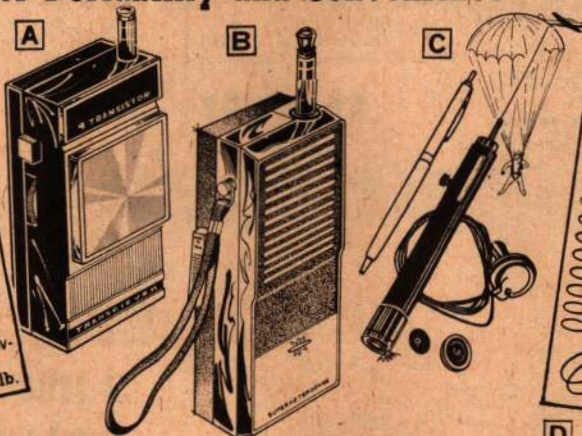
Walkie-Talkies Offer Portability and Convenience

SAVE 79c

Purchase AA-229 Separately, \$1
For Only \$1.79

REPLACEMENT CB ANTENNA

- Only 15" High — Works Like 5 Feet.
- ★ For Any Walkie-Talkie
- ★ Base Loaded
- ★ Ideal for Obstructed Areas
- ★ Replaces Broken Antenna
- ★ Works Without Removing Existing Antenna
- Shipping weight 1/2 lb.



A 4 Transistor Walkie-Talkie

Sends & Receives on Channel 14. Rugged, operates on 9 Volt Transistor battery (included). No license required. Telescoping antenna, compact. Size: 5 3/8" H. x 2 1/2" W. x 1 1/2" D. Shpg. wt. 2 lbs. Styles may vary.

Olson CB-42
2 For \$13.00 **\$6⁹⁹**

Extra Battery for Above
Olson BA-89 21c

B 7-Transistor Walkie-Talkie

with lever-action push-to-talk switch. Sends & Receives on channel 14. Telescoping antenna. Carrying strap. No license required. Size: 5 3/4" H. x 2 1/2" W. x 1 3/4" D. Shipping weight 3 lbs.

Olson CB-149
2 for \$28 **\$14⁹⁸**

Battery for above (1 required)
Olson BA-89 (9 V.) 21c

C "SKY HAWK" Aircraft Receiver

- ★ Ideal for Sky Divers
- ★ Ultra compact, slips into your pocket
- ★ Compare with ball point pen illustrated
- ★ Operates on hearing aid batteries
- ★ 108 to 136 mc Aircraft Band
- ★ Up to 75 mile range to flying aircraft
- ★ Up to 15 mile range to tower
- ★ Complete with earphone

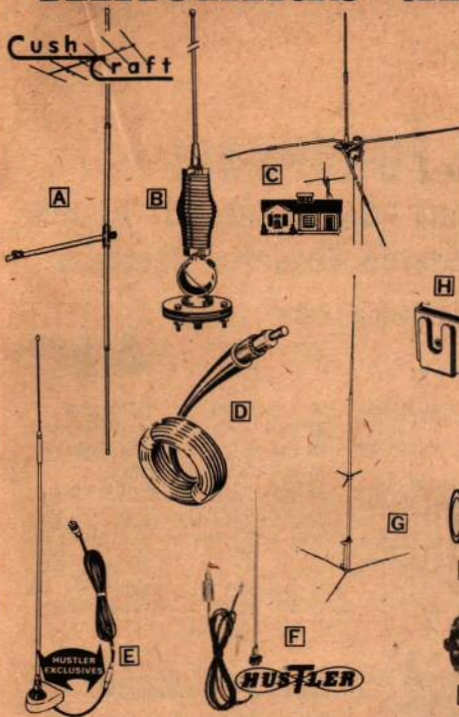
Olson RA-239 **\$12⁹⁸**

D CB Crystals for All Popular Transceivers

Crystal Certificate enables you to order from Mfr. one receive and one transmit crystal, or two receive or two transmit crystals for all popular CB units and walkie-talkies.

Olson CB-185
Reg. \$5.95 **\$4⁹⁵** pr.

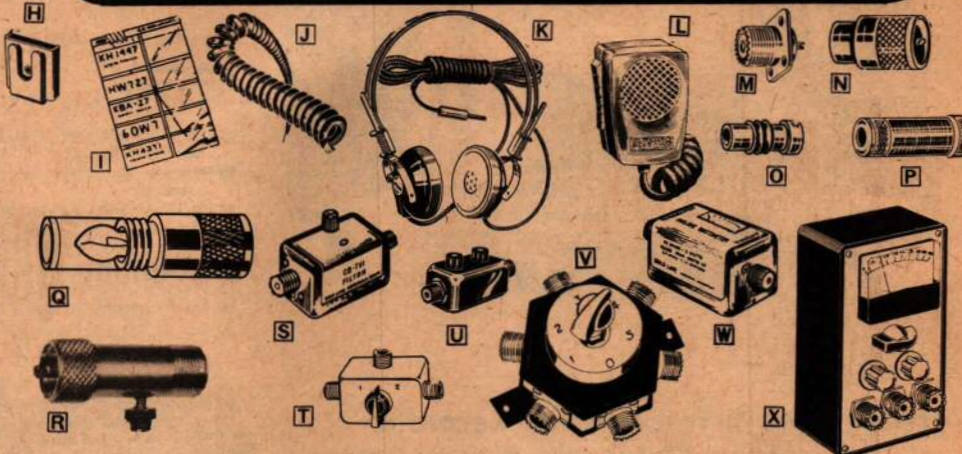
Antennas and Accessories



Olson Field Strength Meter

For measuring standing wave reflection (SWR) interference. Stop power loss, gives perfect VSWR at 1.1 to 1. Improves signal. Quick, easy installation with standard Co-Ax connectors. Impedance matches 52 ohm coaxial lines. Includes 5-section antenna. Operates from 2 to 30 MC. Size: 1 1/4" W. x 5 3/4" H. x 2 1/4" D. Shipping weight 1 lb.

Olson CB-67
\$8.99
Reg. \$9.98



A **Trik Stik All-Purpose Antenna.** For citizen's band, police monitor (hi & lo), CD, aircraft, amateur, TV and FM. Adjustable to cover 27 to 150 MHZ. Mount verticle or horizontal. Use for permanent or temporary installation. Accepts 52 or 72 ohm Co-Ax or 300 ohm TV lead-in. All-aluminum. Shpg. Wt. 2 lbs.
Olson AA-369 \$6.95

B **102" Whip Antenna.** What a buy for your 27 M.C. mobile rig! Durable first-line antenna and mount at a bargain price. Mounts easily on trunk, cowl or fender. Shpg. Wt. 7 lbs. Shipped Railway Express only!
Olson AA-91 \$7.98
20' Cable with Co-Ax Plug
Olson W-574 \$4.25

C **CB Base Antenna.** For 25-50 Mc. Gives you 3 "drooping" 108-inch 2-section radials and a 108-inch 2-section verticle element radiator, all solid aluminum. Mast bracket in cadium plated steel. Complete with coaxial cable connector (SO-239) and "U" clamp which gives antenna rigid support on 1 1/4" mast. Shpg. Wt. 4 lbs.
Olson AA-121 \$9.98

D **52 ohm Antenna Co-Ax Cable** in 100 ft. coil. High quality, low loss RG8-U type, recommended where antenna lead exceeds 50 ft. Shpg. wt. 10 lbs.
Olson W-431 \$13.98

E **New-Tronics Hustler CB Antennas Center-Loaded Mobile Model.** Center loading gives greatest efficiency. No holes, no soldering, mounts easily on trunk lid lip. Fiberglass with stainless steel. Included: 17' of cable with plugs. Shpg. Wt. 2 lbs.
Olson AA-350 \$14.95

F **CB-AM-FM Whip Antenna. Model TC5 27M.** Tuneable. Weatherproof. Stainless steel tip rod. Automotive mounting accessory included. The results on CB, AM or FM will astonish you! Shpg. Wt. 1 1/2 lbs.
Olson AA-231 \$16.50

G **CB Power Gain Base Antenna. Model PRO, Jr.** with optimum low angle radiation. Omni-Directional. Highest quality construction. Shpg. Wt. 9 lbs.
Olson AA-230 \$24.95

H **Magnetic Mike Holder,** provides a hanger, for your mike on any metal surface. Size 1 1/8" x 1 3/8" x 1 1/8". Shpg. Wt. 1/4 lb.
Olson CB-4879c

I **QSL Card Holder.** If you use your two-way radio as a "ham" set, keep the call cards you receive in order. 3 packets, each holding 20 cards. Shpg. Wt. 1/4 lb.
Olson CB-49 Pkg. of 3 \$1.19

J **Retractable Mike Cord,** retracts from 6' to 21". 3 conductor shielded. Shpg. Wt. 1/2 lb.
Olson W-569 \$1.29

K **Headphones** equipped with 1/8" mini-plug for 2-way radio use. 8 ohms. Shpg. Wt. 1/2 lb.
Olson PH-27 \$2.98

L **Motorola Mike,** made by Astatic, and what a bargain! You'd expect to pay \$8.95 for this quality. Push-to-talk circuit. Ceramic element, 300 to 3,000 Hz voice response. Wired for relay switching. 50K ohm Impedance. Dark navy gray, high-impact case. 5 ft. shielded retractable cord. Complete with hanger attachment. Shpg. Wt. 1 lb.
Olson M-331 \$4.99

M **Push-To-Talk Hand Mike.** Rugged Carbon Element can be used in series with battery for almost all applications. Durable high-impact case has 3" cord with 3.5 mm (Mini) plug attached. Ideal for hobbyist & experimenter. Shpg. wt. 1 lb.
Olson M-334 3 for \$6 \$2.39

N **Panel Mounting Receptable** Olson CB-27 70c
N **Coaxial Connector, PL 259 Type,** cable-mtg. plug. Olson CB-46, 2 for \$1 65c ea.

Q **UG-176U Reducer for RG59U Cable** Olson CB-47, 2 for 36c 20c ea.

Q **UG-175U Reducer for RG58U Cable** Olson CB-26, 2 for 36c 20c ea.

Co-Ax Solderless Connectors for easiest "no-solder" hook-up. Eliminates troublesome shorts.
N **Standard Co-Ax PL-259**
CB-144 for RG 58/U Cable
CB-145 for RG 59/U Cable
CB-146 for RG 8/U Cable

P **In-Line Splicers**
CB-147 for RG59 Cable
CB-148 for RG58 Cable

Smalls T. V. Service, R.F.D. No. 2 Buzards Bay, MA 02532, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

Your Choice **69c**
Choice Your **\$1.99**

Q **Goldline Modulation Indicator and Dummy Load.** Lights up to indicate output power. Ideal for fast Modulation checks and trouble shooting without antenna. VSWR 1.1:1 connects to standard SO-239 antenna jack for 52 ohm Impedance. Shpg. wt. 1/2 lb.
Olson CB-181 \$2.25

R **Goldline Co-Ax Lightning Arrestor** protects equipment against lightning, eliminates static build up. Uses standard Co-Ax connectors. Shpg. Wt. 1/4 lb.
Olson CB-141 \$3.95

S **Goldline TV1 Filter.** Tuning control gives maximum rejection of CB interference on television. Harmonic rejection 40 db. Uses standard Co-Ax connectors. Size: 4" x 2 1/8" x 1 3/4". Shpg. wt. 1/2 lb.
Olson CB-142 \$5.95

T **Goldline Co-Ax Switch** connects two antennas to one receiver. Handles up to 1 KW. Standard Co-Ax connectors. Size: 4" x 2 1/8" x 1 3/4". Shpg. wt. 1/2 lb.
Olson CB-109 \$6.98

U **Goldline CB Matcher** gives perfect VSWR at 1.1 to 1, matches antenna to transmitter. Standard Co-Ax connectors. Size 4" x 2 1/8" x 1 3/4". Shpg. wt. 1 lb.
Olson CB-78 \$9.98

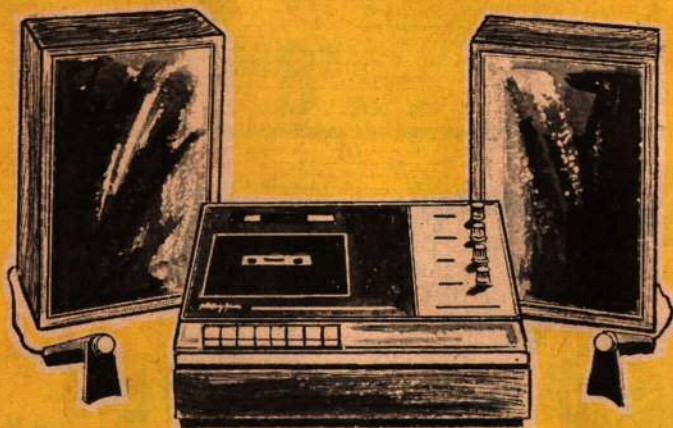
V **Goldline 5-Position Co-Ax Switch.** For fast simple switching of 5 sets to one antenna or 5 antennas to one set. Low loss switch is for 52-75 ohm cable up to 50MHz. Can be wall or panel mounted. Has standard SO-239 connections. Shipping weight 2. lbs.
Olson CB-179 \$12.98

W **Goldline Inline Watt Meter** reads true output power in watts. Rated at 5 watts continuous. You can leave it in the line. Standard Co-Ax connector. Size: 4" x 2 1/8" x 1 3/4". Shpg. wt. 1 lb.
Olson CB-143 \$14.95

X **Goldline Watt Meter** ★ For 2-30 MHz
The new Goldline watt meter provides all you need to get the most out of your transmitter by continually monitoring radiated power. Three position range selector for 0-10, 0-100, 0-1000 watts. Two-way load switch permits rapid change over from dummy load to antenna. Has standard SO-239 antenna connectors plus provisions for measuring VSWR. For 50 ohm impedance. Shipping weight 3 lbs.
Olson CB-180 \$39.95

On these pages..outstanding NEW

NEW! FOR YOUR LISTENING PLEASURE



SPECIAL PURCHASE!

Olson BUYING POWER DOES IT AGAIN
Complete Stereo Cassette Recorder

Outstanding Value-Budget Price

Olson RA-378
*\$10 Monthly
Mfr. 1971 List Price \$99.95

\$69⁹⁹

- Entertainment For the Entire Family
- Records and Plays All Standard Cassettes
- Complete With 2 Wide Range Speakers & 2 Sensitive Dynamic Mikes
- Convenient Push-button Controls
- Separate Record Level Control
- Stereo Headphone Jack
- 3-Digit Tape Counter
- Unique Jam-Proof Mechanism
- Aux. Input for Direct Recording
- Pop-up Cartridge Eject System
- Beautiful Walnut Finish
- Powerful Solid State Amplifier

Also includes blank cassette tape and mike stands. Size: Recorder 12 $\frac{1}{2}$ " x 8 $\frac{1}{4}$ " x 3 $\frac{1}{2}$ ". Speakers 7 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " W. x 11 $\frac{1}{2}$ " H. Operates on 110-120 Volts AC. 60 Hz. Shipping weight 22 lbs.

PANASONIC 8-Track Stereo Recorder Record Your Favorite Music For Your Driving Pleasure



Olson RA-380

\$99⁹⁵

*\$10 Monthly

- Records and Plays Through Your Home Stereo System
- Dual Vu-Meters
- Fast Wind Control
- Automatic Stop
- Stereo Headphone Jack
- Response: 50 to 12,000 Hz.
- Channel Indicator Lights
- Record Safety-Lock
- Walnut Finish Cabinet
- Inputs for Mike and Line

Complete with 4-connecting cables. Size: 16 $\frac{5}{8}$ " x 4 $\frac{1}{2}$ " x 9 $\frac{1}{4}$ ". Operates on 110-120 volts AC. 60 Hz. Shipping weight 16 lbs.



Deluxe 5-Band Portable Receiver

Built-In Direction Finder
Hear Police, Aircraft, Weather, and FM

Olson RA-379
*\$10 Monthly

\$69⁹⁹

- Operates on Battery or House Current
- Ideal Radio for Home, Boat, Plane, or Car
- Bands: VHF (108-174 MC); LW (150-380 KC); Marine (1.6-4.0 MC); FM (88-108 MC); AM (540-1600 KC)
- Advanced Solid State Circuitry Operates Under all Temperature Conditions
- Color-Coded Lighted Dial
- Precise Vernier Tuning
- FM-AFC Locks in Station
- Headphone Jack
- Aux. Input Jack for Mike, Phono, Tape, etc.
- Null Meter
- Powerful 5" Speaker
- Rugged Leatherette Case

Size: 10 $\frac{1}{4}$ " W. x 8" H. x 4" D. Shpg. wt. 8 lbs. Operates on 110-120 V. AC. 60 Hz. and 4-"C" cell batteries included.

NEW! FANON PORTABLE 2-WAY RADIOS



3 Channel
100 Milliwatt

Olson CB-188

\$34⁹⁵
pr.

- Built-in Call-Tone Signal
- Ready to Send and Receive on Channel 15
- Powerful Solid State Circuit
- Rugged Hi-Impact Case
- Telescoping Antenna

Complete with handstrap and earphone. Operates on 9 volt battery. Size: 6 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 3". Shipping weight 5 lbs.

9 V. battery for above (2 req'd)
Olson BA-89 21c



6 Channel
1 Watt

Olson CB-189

\$49⁹⁵
ea.

- Advanced Solid State Circuitry—FET & ICS for Utmost in Reception and Dependability
- Complete With Ch. 15 Crystals Installed
- Separate Speaker and Microphone
- Variable Squelch Control
- Battery Strength Meter

Includes Earphone and Handstrap. Size: 9 $\frac{3}{8}$ " H. x 2" W. x 3" D. Shpg. wt. 3 lbs. Operates on 8 penlight batteries not supplied.

Penlight Batteries for above (8 req'd.)
Olson BA-67 8 for 59c



23 Channel
5 Watts

Olson CB-187
\$144⁹⁵

*\$10 Monthly

- Portable—Lightweight—Rugged
- Ideal for Emergencies, Outdoors, Fun

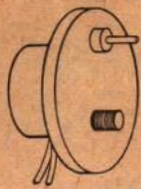
- Base Station Range and Quality
- Complete Ready For 23 Channel Operation
- Advanced Solid State Circuit W/FET & ICS
- Rugged Die-Cast Aluminum Case
- Sensitive Dual Conversion Receiver
- Full 5 Watt Input W/100% Modulation
- Automatic Noise Limiter
- New Slide Controls for Squelch and Volume
- 3-Way Meter S-RF-Battery Level
- Battery Saver Circuit
- Weatherproof Jacks for Earphone, External Mike, Antenna, Speaker and Power

54" Telescopic Antenna Complete with handstrap, shoulderstrap and earphone. Operates on 10 penlight ("AA") Batteries. Size: 10 $\frac{3}{4}$ " x 2" x 3 $\frac{1}{2}$ ". Shipping weight 6 lbs.

AC ADAPTER/Battery charger pack: Includes 12 Ni-CAD "AA" Batteries.
Olson CB-190 \$34.50

VALUES brought to you by **Olson**

NEW! SPECIALIZED MOTORS FOR ALL THOSE UNUSUAL JOBS



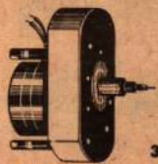
Deluxe Timing Motors 4 and 8 RPM

- Synchronous Motors Made by Borg
- Dustproof Gear Housing
- Permanently Lubricated
- High Torque—Low Noise
- Ideal for Displays, Timing Devices, etc.
- Operates on 110-120 Volts AC Hz.

Size: 2 3/4" dia. x 1 3/4". Shipping weight 1/4 lb.
 4 RPM **Olson** MO-247
 8 RPM **Olson** MO-248

99c

3 for \$2.70



3 for \$6

YOUR CHOICE... \$2.29

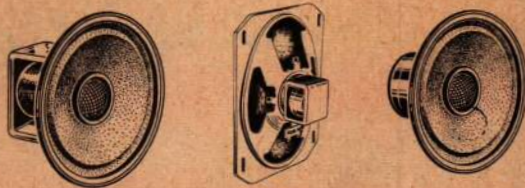
Synchronous Clock Motors

- All You Need Are Hands and Face to Make Your Own Clock, Timing Device, etc.
- Output Shafts For Hour, Plus Minute and Second Hand
- Trouble Free—Made by Borg
- 110-120 Volts AC, 60 Hz.
- Threaded Mounting Holes

MO-244 Front Set; Size: 2 1/2" x 1 3/4" x 1 1/4" D. Shaft Length 7/8".
 MO-245 Same as above but has back set shaft.
 MO-246 Back Set Size: 2 1/2" x 1 3/4" x 1 1/4" D. Shaft Length 2". Shpg. wt. 1/2 lb.

SPECIAL PURCHASE!

Olson Quality Replacement Speakers



YOUR CHOICE **65c** 10 @ 55c ea.

- Great For Transistor Radios, Phonos, Recorders, Etc. Shipping weight 3/4 lb.

- 2" PM Speaker, 16 ohms, Round Yoke... **Olson** S-108
- 2 1/2" P.M. Speaker, 16 ohms, Round Yoke... **Olson** S-867
- 2" x 6" PM Speaker, 35 ohms, Round Yoke... **Olson** S-119
- 2 3/4" x 4" PM Speaker, 16 ohms, Square Yoke... **Olson** S-103
- 3" PM Speaker, 8-10 ohms, Round Yoke... **Olson** S-872

NEW! OUR INTERESTING COLLECTION OF ESSENTIALS

Olson 6-Piece Jeweler's Screwdriver Kit

Handy Plastic Storage Case



Olson TI-539
\$2.49

- Precision Quality Carbon Steel Blades
- Easy Grip Chuck Handle
- 5 Interchangeable Blades: 1-Aw, 1-Phillips, 3-Standard Blades
- Ideal for Watch and Eye Glass Repair

Shipping weight 1 lb.

Olson PH-196

\$12.98



Hands Free Conversation

Deluxe Portable Spotlight

World's Most Powerful

Olson X-151 **\$22.95**



2-Way Cassette Storage Tray



Olson TA-628

\$2.98

2 for \$5.80

- Includes 3—C-60 Cassettes
- Tray Attaches to Any Portable Recorder
- Complete With Adhesive Strips
- Stack As Many As You Like
- Offers Neat, Accessible Storage
- Clear See-Thru Tray

Size: 6 3/4" x 5" x 1/2". Shipping weight 1 lb.

Olson Deluxe

Telephone Amplifier

- Powerful Transistorized Circuit
- Adjustable Volume Control
- Stylish Design Blends With Any Decor

■ Cost Pennies To Operate
 Size: 8" x 3 1/2" x 3 1/2". Speaker: 3 1/2" x 4" x 2 1/2". Shipping weight 4 lbs.

9 volt battery for above (1 req'd).
Olson BA-89 21c

- New Quartz-Iodine Bulb is 300% Brighter Than Standard Sealed Beam
- Plugs Into Any 12 Volt Cigarette Lighter
- Ideal For Auto Emergencies, Boat, Camping, Public Services, Etc.
- Brilliant Beam Up To 1/2 Mile
- Lightweight Pistol Grip Design
- Highly Chromed Finish Is Water Resistant
- 9 1/2 Ft. Heavy Cord
- Size: 6" Dia. Bulb. Shipping weight 4 lbs.

SPECIAL SALE ITEMS

GREAT GIFTS FOR MOM, DAD OR GRAD

Dynamic Electric Telephone Index



Olson PH-179

\$3.69

Reg. \$4.98

- Illuminated For Easy Viewing
- Fast, Easy Push-Button Selection
- Eliminates Bother of Phone Book
- Rugged Plastic Cabinet
- Operates on 110-120 V. AC
- Size: 8 1/2" x 6" x 5.

Compact Auto Reverb

Olson RA-749
Reg. \$9.98

\$4.99



- Operates Rear Speaker With or Without Reverb

Control on and off, balance between front and rear speaker. Complete with instructions and connectors. Size: 6 1/2" W. x 1 3/4" H. Operates on 12 volts, neg. ground system. Shipping weight 3 lbs. Styles May Vary.

Olson Famous X-Air Speaker System



Olson S-931
\$9.99

Reg. \$14.98

- Soft Pliable Cloth Annulus Cone
- Acoustic Suspension
- Heavy Duty Magnet
- Response: 65 to 18,000 Hz.
- Power Capacity: 5 Watts RMS., 15 Watts Program
- Impedance: 8 ohms.
- Size: 6" x 9" x 5". Shipping weight 6 lbs.

FM/AM Portable Radio

Uses Battery Or House Current



Olson RA-276

\$11.99

Reg. \$15.98

- Solid State Circuitry
- Easy-to-Read Dial
- Telescope FM Antenna
- Built-in AM Antenna
- Includes AC Cord, Batteries and Earphone
- Size: 7 3/4" x 4 1/2" x 2 1/4". Shipping wt. 4 lbs. Styles May Vary.

... and look for other exciting NEW ITEMS throughout this catalog

Olson HAS A PA SYSTEM
FOR ALL APPLICATIONS

Olson

COMMERCIAL PU



Olson 22 WATT

Olson AM-387
2 for \$110 **\$59⁹⁸**

- Operates on 117 V. AC or 12 V. DC
- Mike, Phono, and Aux. Inputs

Ideal for portable PA systems. Accepts a hi or low impedance mike plus phono and tape deck or tuner. Outputs for 4-8 or 16 Ohms plus 25 and 70 V. Includes a mounting bracket for mobile-use. 10" W. x 3 3/4" H. x 8" D. 110-120 V. AC 60 cps. or 12 V. DC. Shpg. wt. 15 lbs.

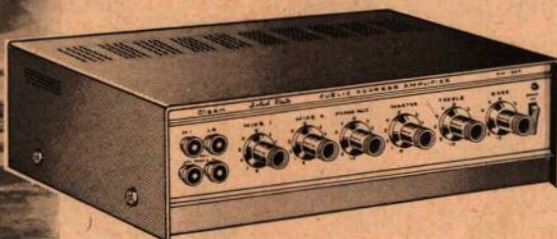


Olson 40 WATT

Olson AM-388
2 for \$150 **\$79⁹⁸**
*\$10 Monthly

- Operates on 117 V. AC or 12 V. DC
- High or Low Impedance

An excellent all around amplifier for churches, schools, etc. Includes controls for mike 1 and 2 volume, Phono Aux. volume and tone. Mounting bracket. Solid state circuitry. Two mike inputs. Size: 9 7/8" W. x 3 5/8" H. x 8" D. 110-120 V. AC. 60 cps. and 12 volts DC. Shipping weight 18 lbs.



Olson 100 WATT

Olson AM-389
2 for \$250 **\$130**

- Four Mike Inputs
- Circuit Breaker Overload Protection

High power amplifier suitable for all applications whether large or small. Solid state circuitry. Has inputs for both high (50K ohms) & low (600 ohms) impedance microphones plus auxiliary input for phono or tuner and tape. Has tape monitor jack. Output for 4, 8, or 16 ohm speakers plus 70.7 and 100 volt line output. Controls for mike-1 volume, mike-2 volume, phono/aux. Volume, master volume, bass, treble, and on/off switch. Operates on 110-120 V. AC. 50/60 Hz. Size: 13 1/2" x 5" x 10". Shipping weight 20 lbs.



Olson FM-AM Background
30 WATT MUSIC RECEIVER

Olson RA-261
*\$10 Monthly **\$90**

- Inputs Provided for Phono, Tape, Mike

Sensitive solid state FM-AM receiver is ideal for professional offices, stores, waiting rooms, homes, etc. Paging facilities can be adjusted to override music from FM-AM tuner. Features: brushed aluminum front panel with gray finished metal cabinet, AFC control, built-in AM antenna, for 4, 8, 16 and 500 ohms (70.7 volt). Operates on 110-120 V. AC. 60 Hz. Size: 13" x 3 1/2" x 8". Shipping weight 9 lbs.

SAVE! ON BACKGROUND MUSIC SYSTEMS

1 Olson RA-261 Receiver	Above	.....	\$90.00
4 Olson Speakers CA-136	pg. 22	.....	\$26.64
1 100' Speaker Cable	W-400 (pg. 70)	.....	\$2.69
Reg. Total		.....	\$119.33
Olson AS-394	System Price	.....	\$105.00
Same as above but has 4-8" ceiling type speakers in place of wall type.			
Olson AS-396	System Price	.....	\$115
*\$10 Monthly			



BLIC ADDRESS SOUND EQUIPMENT

Olson Complete Commercial PA Systems

- Write For the Low System Price on Items of Your Choice
- Systems For All Applications Indoors or Outdoors, Large or Small



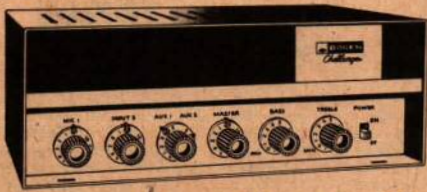
A Less than 250 people B 250 to 500 people C 500 people or more

STOCK NUMBER	RA-261 30-W	AM-387 22-W	AM-388 40-W	AM-389 100-W	S-603 P-18	T-100 P-72	S-671 below	MONTHLY PLAN	SYSTEM PRICE
A Olson AS-397					■ ■	■ ■ ■ ■		*\$10	\$ 91.00
A Olson AS-398						■ ■ ■ ■	■	*\$10	\$118.00
B Olson AS-399					■ ■ ■ ■	■ ■ ■ ■		*\$10	\$134.00
B Olson AS-400						■ ■ ■ ■	■ ■	*\$10	\$173.00
C Olson AS-401					■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	*\$15	\$213.00
C Olson AS-402					■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	*\$15	\$290.00
A Olson AS-403					■ ■ ■ ■	■ ■ ■ ■		*\$10	\$138.00
A Olson AS-404						■ ■ ■ ■	■ ■	*\$10	\$180.00

EACH SYSTEM INCLUDES 100' OF SPEAKER WIRE & MIKE PLUG M-94 & M-301 with all systems

35 Watt PA Amplifier

Olson AM-248 \$97⁵⁰
*\$10 Monthly

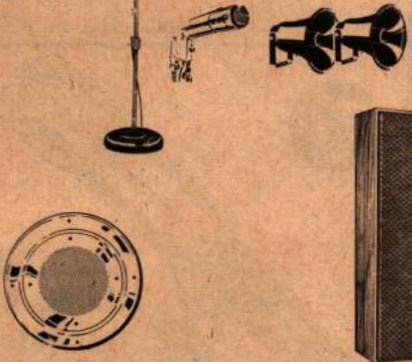


Model CHB 35 A. Power output: 35 watts. Response: 20-20,000 Hz. Inputs: 2 microphones, 1-Magnetic Phono, 2-Aux. Output. Impedance: 4, 8, and 16 ohms. 25 volt line, 70 volt line. 105-125 V. AC. 50-60 cps. Dimensions: 6 3/4" H. x 15 3/4" W. x 10" D. Shipping weight 22 lbs.

P.A. SYSTEMS

Bogen 35 watts PA amp. (above), two Olson 8" speakers (below), EV 664 mike (pg. 44).

Olson AS-283 \$177
*\$10 Monthly



Olson 8 Inch Speaker Grille

Olson CA-385 \$198
3/\$5.10
6/\$9.75
■ For Ceiling or Wall
Fits all 8" speakers. Stylish satin aluminum finish. Comes complete with hardware. Overall dia. 12 3/4". Shipping weight 1/4 lb.

Argos Sound Column Speaker System

Olson S-671 \$44⁵⁰
6 wide range speakers mounted in a vertical cabinet. Response: 200 to 10,000 cps. 30 watts. Size: 30 1/4" H. x 7" W. x 3 1/4" D. 16 ohms. Shpg. wt. 14 lbs.

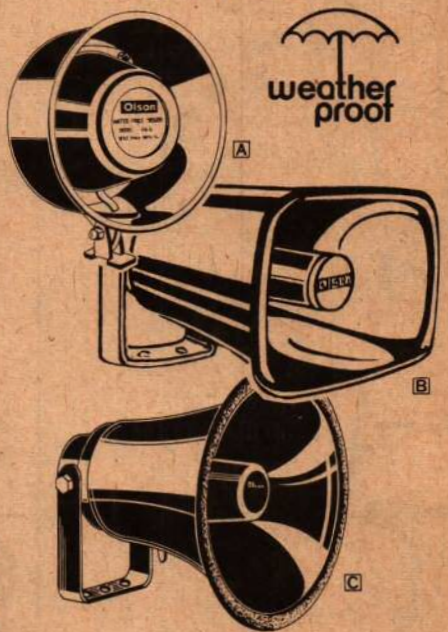
Do It Yourself Speaker System

If your application calls for a speaker in the wall, cabinet, ceiling or on a shelf. "You can do it."
Olson S-91 8" Speaker \$2.15
Olson CA-443 Walnut Wall Baffle. Size 12 1/2" x 10 1/2" x 3 1/4" \$2.49
Olson CA-385 Ceiling or Wall Grille (right) \$1.98
Olson W-564 50" Speaker Wire \$1.19

SALE

5 Inch Paging and Talk-Back Speaker
\$7⁹⁹ Reg. \$9.79
Olson S-453
■ Adjustable Bracket
Cuts through background noise: 8 ohms. 8 watts. Response: 400-8000 Hz. Size: 5 1/2" dia. x 5". Shipping weight 3 1/4 lbs.

Olson Outdoor/Indoor Paging Speakers



A High sensitivity and wide dispersion angle. Response 300 to 12,000 Hz. Power: 5 watts. 8 ohms. Size: 5 3/4" Dia. x 3". Shpg. wt. 4 lbs.

B M. M. Miller, 303 W. 2nd Street, Miller, SD 57362, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

C ■ Wide Angle
Wide dispersion trumpet offers better coverage. Has built-in 15 watt driver and adjustable mtg. bracket. Is shockproof and rust-proof. Response: 340 to 7000 Hz. Impedance: 8 ohms. Size: Horn opening: 8" W. x 5" H. Overall length: 8". Shipping weight 4 lbs.
Olson S-97 \$16⁹⁸
2 for \$33

■ Deluxe 8 Inch
Adjustable mounting brackets. Weather-proof, 15 watts. Impedance: 8 ohms. Response: 180 to 10 000 Hz. Size: 8" dia. x 8 1/4" deep. Shipping weight, 5 lbs.

Olson S-843 \$18⁹⁸

* MONTHLY PAYMENT CHART, See Page 18

Feel Like You're Not Being Heard?

You probably aren't!
— You could be, with a quality microphone from **Olson**



BROADCAST QUALITY MICROPHONES FROM **Olson**

GENERAL PURPOSE DYNAMIC MICROPHONE

Olson



M-301
\$13⁹⁵

★ Cardioid Pattern ★ Dual Impedance (50K and 600 Ohms) ★ Built-in Wind Screen ★ Response: 100 to 12,000 Hz. ★ Ideal for PA, Recording, Groups, Etc. ★ 20' Cable w/Standard 1/4" Plug Attached ★ Includes Removable Stand Adapter ★ Stylish Black and Chrome Finish
Size: 6 1/2" L. x 1 3/4" Dia. Shpg. wt. 3 lbs.

Olson CARDIOID DYNAMIC MICROPHONE

With Anti-Feedback Design



Olson M-308
\$13⁹⁸

★ Ideal for PA or Recording ★ Removable Stand Adapter ★ "Pop-proof" Wind Screen ★ Brushed Chrome Finish ★ 600 or 50K Ohms Impedance ★ Response: 60-13,000 Hz ★ 20' Cable with 1/4" Phone Plug ★ 1 1/2" Dia. x 8 1/4" L.
Shipping weight 3 lbs.

Olson CARDIOID DYNAMIC MICROPHONE

Professional Quality



Olson M-329
\$17⁹⁵

★ Unique Slim Line Design ★ Ideal for Groups, PA, Recording, Etc. ★ High (50K Ohm) Impedance ★ Stylish Black Satin Finish ★ Removable Stand Adapter ★ 20' Cable with Standard 1/4" Plug ★ Wide Range Response
Size: 9 1/2" L. x 3/4" D. Shpg. wt. 3 lbs.

Olson PROFESSIONAL DYNAMIC MICROPHONE

★ Beautiful Gold Finish



Olson M-327
\$19⁹⁸

★ Ideal for PA, Broadcast or Recording ★ Cardioid Pattern ★ Dual Impedance 600 and 50K Ohms ★ Impedance Selector Switch ★ Anti-Feedback Design ★ Built-in Filter for Close Talking ★ On-Off Switch ★ Removable Stand Adapter ★ Response: 50-15,000 Hz ★ 20' Cable with 1/4" Phone Plug
Size: 7 1/2" L. x 1 7/8" Dia. Shpg. wt. 3 lbs.



CARDIOID MODEL 664

Olson M-140

\$57
* \$10 Monthly

Electro-Voice

★ Ideal for High Quality PA, Recording or Broadcast use ★ Dual Impedance ★ 17' Cable ★ Chrome Finish ★ Response: 40-15,000 Hz ★ 7 1/4" L. x 1 7/8" Dia. ★ Output: — 55 db.
Shipping weight 5 lbs.



CARDIOID MODEL 676

Olson M-204

\$61³⁵
* \$10 Monthly

Electro-Voice

★ Reduced Feed-Back ★ Adjustable Bass Response ★ Response: 40 to 15,000 Hz ★ Output: — 57 db ★ Dual Impedance ★ Satin Chrome Finish ★ 7 3/8" x 1 1/4" Dia.
Shipping weight 5 lbs.

MICROPHONES AND ACCESSORIES



CARBON MIKE CARTRIDGE

- ★ Pkg. of 2
- ★ Use in Series w/Battery for High Output
- ★ Low Impedance
- Size: 1 7/8" Dia. x 1/2". Shipping weight 1/4 lb.

Olson M-315 **99c** Pkg. of 2

SNAP-ON STAND ADAPTER

- ★ Adapts Pencil Mike to Any Stand
 - ★ Add 2nd Mike to Existing Stand
 - ★ Felt Liner Included
 - ★ Fits Mikes from 25/32" to 1" dia.
- Shipping weight 1/4 lb.



Olson M-318 **99c** 2 for \$1.78 each

OLSON DESK STAND

- ★ Made in U.S.A. 6" high stand and thread.
- ★ Chrome Shaft Shpg. wt. 2 3/4 lbs.

M-95 3 for 59 \$3.49

MICROPHONE CONNECTOR

- Standard 5/8"-27 thread. Shpg. wt. 1/4 lb.

Olson X-317 **39c** 3 for \$1

- 25' MIKE EXTENSION CABLE KIT
- Amphenol type connectors on each end. Adapter plugs convert to 1/4" plug or jack.
- Shpg. wt. 1 1/4 lbs.

Olson W-457 **\$3.98**

- Heavy Duty Mike Cable ★ 50' Coil
- Durable vinyl jacket with wrap-shield and poly insulated center conductor. 0.21" O.D.
- Shipping weight 2 lbs.

\$3.89

Olson W-544

DELUXE FLOOR MIKE STAND

- ★ Telescoping Chrome Shaft
 - ★ Adjustable Height 35" to 61"
 - ★ Heavy Weighted Base
 - ★ Standard 5/8" x 27 Thread
 - Shpg. wt. 10 lbs.
- Olson M-94 **\$8.98**
- ★ Boom Adapter **\$6.98**
Olson M-290



PROFESSIONAL STEREO MICROPHONE KIT

- ★ Ideal for Recording, PA, Groups, etc.
- ★ Two Dynamic Cardioid Mikes
- ★ Dual Impedance (600 ohms Lo) (50 K HI)
- ★ Response: 100-12,000 Hz
- ★ On-Off Slide Switch
- ★ Attractive Modern Styling
- ★ Two 20-ft. Cables w/1/4" Plug Attached
- ★ Two Matching Desk Stands
- ★ Two Rugged Stand Adapters
- Size: 6 1/2" L. x 1 1/2" Dia. Shipping weight 6 lbs.

Olson M-333 **\$29.98**

SPECIAL BUY



POWER MEGAPHONE

- With Built-In Siren
- X-143 Mfg. Suggested \$7.98
- 1970 Retail Price \$17.98
- ★ Lightweight—Portable
- ★ Powerful Solid State Circuit
- ★ Can Be Heard Up To 300 Feet
- ★ Built-in Volume Control
- ★ Operates On 9 Volt Battery (Not Included)
- Size: 14 3/4" x 2 3/4" Dia. Size: of horn 8" Dia. Shpg. wt. 3 lbs.
- 9 Volt Battery BA-89 (1 req'd.) **21c**

CRYSTAL HAND MIKE

- ★ High Impedance
- ★ Includes Mike Stand



WAS \$6.49 In 1070 Cat. **\$4.99**
Olson M-145

- Built-in on-off switch. Tape recording, P.A., etc. Response: 50-8,500 Hz. Output level: 57 db. With leveler cord and 6 ft. shielded cable. Size: 1 1/2" x 5". Shipping weight 1 1/4 lbs.

SALE

VACO CRYSTAL MIKE

High impedance for most portable tape recorders. Size: 1 7/8" W. x 2 3/4" H. x 1" D. Includes 5 ft. shielded cable. Response: 40 to 6,000 Hz. Shipping weight 1/2 lb.

Olson M-235
2 for 90c

49c

LAPEL MIKE

- ★ For Cassette Recorder
- Shielded cable with miniature plug. High impedance crystal. 1 1/4" dia. Output. — 50 db. Resp.: 50-50,000 Hz. Shipping wt. 1/4 lb.

Olson M-174
2 for \$2.50

\$1.39

REPLACEMENTS FOR CASSETTES

- ★ Includes D.I.N. Connectors
- ★ Perfect Replacement for NORESCO, AMPEX and similar recorders with D.I.N. Connectors.
- Shipping weight 1 lb.

Olson M-319

\$4.99

- ★ 60-12,000 Hz
- ★ Has Mini Plug and Micro Plug
- ★ Remote On-Off Switch
- ★ Hand Held or Stand
- ★ For Cassette and Reel Recorders
- Shipping weight 1 lb.

Olson M-322

\$3.99

OLSON Transistorized Mike Mixer

\$6.49 RA-345
2 for \$12

Controls one to four signals from high impedance sources. Size: 6" W. x 2 3/4" H. x 3 1/2" D. Shipping weight 1 3/4 lbs.

BOGEN Mike Mixer

Olson AM-377

\$52.45

- ★ Mixes Mikes, Tuner, Tape, Guitar, etc.
- ★ Response: 50 to 20 K Hz.
- ★ Use Up to 3 Units for 12 Inputs
- ★ Model MX6A-T
- ★ Mixer and Preamplifier
- ★ Adds Inputs to Any Amplifier
- ★ Solid State Circuit
- ★ Four Inputs—Hi or Low Impedance
- Size 9 1/4" x 6" x 2 3/8". 110-120 volts AC, 60 cps. Shpg. wt. 6 lbs.

Nothing keeps your family as safe as Closed Circuit TV- as easy to operate as your own TV- and now it's priced so that everyone can afford it!

A ten-year old could connect an **Olson** closed circuit TV camera to your present TV set in less than 5 minutes and have it working perfectly. We invite you to compare every aspect of performance with expensive industrial systems. That's why industry has come flocking to buy them for security use.

The camera is a compact easily concealed unit with solid state circuitry. An automatic light compen-

sator makes the best picture possible with the light available. This camera is so well designed that even rather low levels of room lighting produce excellent pictures. Though the basic **Olson** system is an achievement in simplicity, every accessory is available for special surveillance systems. If you don't want to use your present TV set as a monitor (by the way, it can still be used for regular reception), **Olson**

has an all-channel monitor. Fixed iris, standard, telephoto or wide angle lenses are available. A motor-driven scanner can turn your camera continuously in a full 360° arc.

Adjustable, camera-holding tripods, too. Extra cable—the camera may be located up to 1,000 feet from the monitor. If you want sound, an **Olson** wire or wireless intercom may be added.

Olson - **TV-com** - a superb all-around Closed Circuit TV System with built-in two-way sound!

Olson customers in every part of the country have bought the world's most compact closed circuit TV system which features two-way sound — a new dimension in family protection. It's a snap

to hook up: just plug it in, turn it on and you're in the business of keeping your family safe! The camera has an F:1.6 lens, and you get a fine, sharp image on the 5" screen monitor — in al-

most any light. Automatic light control. A 30' cable is included with the system. Shut-off is automatic 30 seconds after conversation ends.



Model
TMC-2AO

Olson TV-300

Complete **\$370**

\$20 monthly

THESE ACCESSORIES MAKE THE SYSTEM EVEN MORE FLEXIBLE:

Adjustable "Take Anywhere" Camera Tripod Mount
TV-189\$16.50

Universal Wall or Surface Camera Mount
TV-125\$24.95

65 Ft. Extension Cable (camera to monitor)
TV-202\$30.00

an extra pair of eyes and ears to protect your home and property!



SEE WHO'S AT THE FRONT DOOR



KEEP AN EYE ON BABY



WATCH OVER POOL OR PLAY AREA



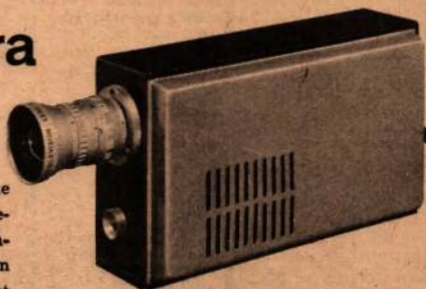
OFFERS SECURITY IN BUSINESS

- Doctors' and Dentists' Reception Areas • A Nurse's Aid in Time of Sickness • Protects the Parking Lot
- Put on Your Own TV Show — and You're the Star! • Conduct School or Training Classes

CC TV Camera

- ★ Solid State Circuitry
- ★ Automatic Light Compensation

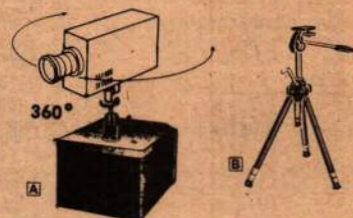
Connects to your present TV set to make complete closed-circuit TV system. Requires no internal connections, just connect to antenna terminals. TV set can still be used for regular reception. Output level: 1.5 volt peak-to-peak video. Resolution: H 500 lines. Size: 9½" L. x 5¾" H. x 3¾" W. Operates on 110 to 120 volts A.C. 50/60 cps. Shpg. wt. 7 lbs.



Olson TV-132 \$189.98
*\$10 Monthly (Less Lens)

2 Pc. Camera & Lens Combination
Camera & 25 mm Lens **\$198**
Olson TV-186

Automatic Scanner! Multiply Your Security Coverage!



A 360° AUTOMATIC SCANNER.

Standard camera mount. ¼-20 screw.
Shipping weight 13 lbs.

Olson TV-184 \$129.99
Reg. \$149.50

SCANNER SYSTEM. Above scanner with TV-132 camera and TV-117 lens.
Individual Total \$359.97.

Olson AS-307 \$310

B ADJUSTABLE TRIPOD MOUNT.

Easy installation. **Olson TV-189** \$16.50

accessories to meet special needs

25 mm Lens: F.8 Fixed Iris,
Olson TV-183 \$15.00

Standard Lens: 25 mm. F 1.4 F stops
from 1.4 to 22, **Olson TV-117** \$40.00

Tele-Photo Lens 50 mm, F 1.4 stops
from 1.4 to 22, **Olson TV-116** \$60.00

Wide-Angle Lens: 12 mm, F 1.4 F stops
from 1.4 to 22, **Olson TV-115** \$78.00

Tele-Photo Lens: 12 mm, F 1.4 F stops
Olson TV-123 \$95.00

Replacement Vidicon Tube for Camera
7735A **Olson TV-129** \$99.00

55 Ft. RG59 U Cable, **Olson W-414** \$ 3.49

Universal Camera Mount,
Olson TV-125 \$24.95

4 Pc. Complete Closed Circuit TV System

Includes:

Olson TV Camera, TV-132 \$189.98

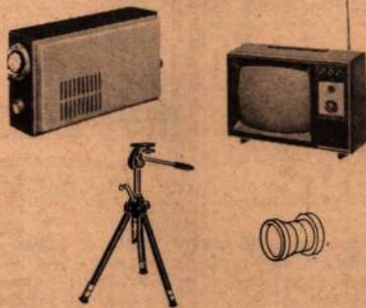
Olson 25 mm Lens, TV-117 40.00

Olson Adjust. Tripod, TV-189 16.50

TV Monitor, TV-193 89.88

Total Individual Price \$336.36

Combination Price **Olson AS-388** \$290



TV Monitor, With Glare-Free Screen

Only 15¼ lbs. Has clear, sharply defined picture. Aluminized picture tube. Operates on 110 to 120 V. AC, 50/60 cps. Size: 12" x 17" x 11½". Shpg. wt. 23 lbs.

Olson TV-193

\$89.88

*\$10 Monthly

Style May Vary



* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 47

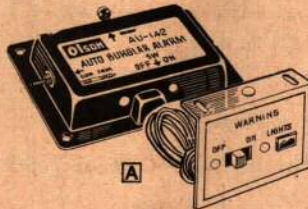
New ways to protect your home . . . your family . . . your business . . . with these fine security products from Olson!

You worked hard for your property . . .

Don't let your car become the next auto theft statistic

A Olson AUTO BURGLAR ALARM PLUS ROAD HAZARD LIGHT SWITCH. Blows auto horn if disturbed. Auxiliary switch included. Modernizes your parking lights into flashing road hazard lights. For 6 or 12 volt cars. Fast, easy installation. Shipping wt. 5 lbs.

AU-142 \$3.49



B AUTO GUARD protects your car from thieves by making it "jumper proof." Electronically disables car ignition system so that car will try to start but actually will not even with master key. Car will start only for owner. Compact, easily hidden, installs in minutes. For 6 or 12 volt neg. gnd. systems. Size: 2 1/2" x 1" x 1". Shipping weight 1 lb.

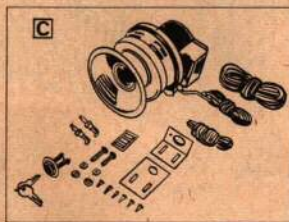
AU-185 \$4.75

C AUTO BURGLAR ALARM blows car horn and flashes interior lights on and off if disturbed. Fits all 12 volt positive or negative ground cars. Shipping wt. 3 lbs.

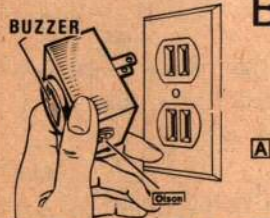
AU-121 \$8.98

D DELUXE BURGLAR ALARM same as above, except also includes high-powered, heavy duty police siren. Shipping wt. 6 lbs.

AU-116 \$21.98



These Alarms Sense Fire Before You Do!



A Olson PLUG-IN FIRE ALARM FOR HOME AND TRAVEL plugs into electrical outlet. Though tiny and easily portable, it gives a loud penetrating, continuous buzz if excited by heat. Size 1 1/2" W. x 2" H. x 1 3/4" D. 110-120 Volts A.C. 50/60 cps. Shipping Wt. 1/2 lb. **LIMITED QUANTITY**

SW-407 \$3.98



B Olson SMOKE & HEAT ALARM warns you of smoke as well as of heat. Heat sensor triggers powerful buzzer at 135°F. Locate detector in probable fire area, place alarm anywhere in the same building. Also provision for an additional external heat sensor. Alarm can actuate other 120 V. devices. Sizes: 5 1/2" W. x 7" H. x 2 1/2" D. 110-120 Volts A.C. 50/60 cps. Shipping Wt. 8 lbs.

SW-440 \$29.99



C Olson TRANSISTORIZED SMOKE & HEAT ALARM triggers powerful buzzer when it detects either smoke or heat. Heat sensor actuates at 135°, and there is provision for an additional external heat sensor. Manual emergency switch sounds warning if you detect fire even before sensor. Shipping Wt. 6 lbs.

SW-411 \$19.99
Extra Heat Sensor, SW-392 \$2.99



D Olson FIRE SENSING SWITCH FOR ALL ALARM SYSTEMS is ideal for probable fire areas in home, business, or industry. Also protects against overheating motors, fans, boiler, etc. Normally closed switch activates at 140°F. Maximum capacity 1 amp @ 250 volts. Size: 2" x 3/8" Shpg. wt. 1/4 lb.

SW-521 Pkg. of 2 \$1.89

Light a light – automatically – and stop a thief !

Nothing attracts thieves like a darkened house. These electrically operated time switches will turn lamps (and appliances) on and off even if you're away for weeks.



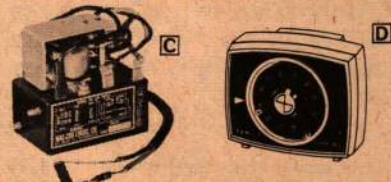
A OUTDOOR PHOTO ELECTRIC SWITCH turns lights on at dusk, off at dawn. Needs no wiring. Never needs setting. Screw light bulb into adapter and adapter into outdoor fixture. Gives lighting protection all night. Operates on 120 Volts AC. Shipping wt. 1/4 lb.

SW-402 \$4.49



B INDOOR PHOTO ELECTRIC SWITCH turns lights, signs, appliances and displays on and off at dusk and dawn. Size: 3 1/2" x 2 1/8" x 1 3/4". For 117 Volts A.C. Capacity 600 Watts. Shipping Wt. 1/2 lb.

SW-203 \$3.59



C HEAVY DUTY PHOTO ELECTRIC SWITCH KIT with weather-proof Epoxy Encapsulated circuitry. Controls indoor or outdoor lighting, door openers, motors, etc. Can be used to turn on or off with presence or absence of light. Relay contacts handle 5 Amps at 120 Volts A.C. Size 3" x 3" x 1 3/4". 110-120 Volts A.C., 60 cps. Shipping Wt. 1 lb.

SW-486 \$4.99

D INTERMATIC TIME SWITCH has simple push-button controls. Capacity 875 Watts or 7 Amps. Easy time adjustments, plus manual control. 110-120 Volts AC, 60 cps. Shipping wt. 2 1/2 lbs.

X-90 \$7.98

DELUXE INTERMATIC TIME SWITCH similar to above, except 15 Amp capacity.

X-91 \$9.98

On these pages, you'll find dozens of items to protect your home and your property against the constant threat of crime and the terrible danger of fire. There are devices to safeguard your car against theft; fire and burglary warnings; ingenious little gadgets to turn

lights on and off automatically. There are "must" items of personal protection for your loved ones . . . all kinds of merchandise to add to your security and protection. Turn to the two preceding pages for some of the finest, most reliable closed circuit television

equipment you'll find anywhere. Remember—it's no longer a luxury to own items like these—it's become a necessity. And now Olson brings it all well within your reach . . . and now you can order them more conveniently than ever before!

. . . now protect it against fire & theft!

Burglar alarms—worth their cost



A Olson **BATTERY OPERATED BURGLAR ALARM** attaches easily to hinge edge of door or window. When door is opened the alarm sounds. Off/on switch deactivates alarm when desired. Size: 2 1/4" x 2 1/2" x 3/4". Shipping weight 1 lb. Less battery.

X-46 Reg. \$2.98 \$1.99
Battery for above, required, No. BA-67 8 for 59c

B Olson **PHOTO ELECTRIC RELAY SYSTEM** gives warning when a person enters a room. Can also count people, merchandise. Infra-Red filter for invisible light operation. Self-powered. Range up to 49 ft. Includes two pieces, light source and receiver. Size each unit: 6" x 4 1/2" x 3". Operates on 110-120 Volts AC, 50/60 cps. Shipping weight 6 lbs. **SW-364** \$19.95

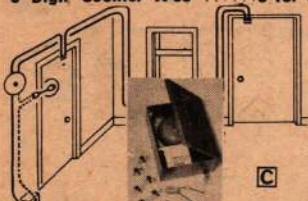
6 Digit Counter X-83 3 for \$11.00 \$3.99



C **HOME OR COMMERCIAL BURGLAR ALARM**

Heavy duty bell, housed in a weather-proof, tamper-proof metal box, can be heard for blocks. Push-button door and window switches activate bell which will continue to ring until you turn it off. Burglar cannot turn off alarm by closing window or door. Key-Lock, on-off switch. Operates on standard 12 volt lantern battery, not supplied. Size: 9 1/4" W. x 12" H. x 4 1/4" D. Shipping weight 15 lbs. Olson **SW-520** \$49.98

12 Volt Battery for above Olson BA-169 \$2.79



D **DELT ALERT ULTRASONIC ALARM** fills the room with invisible waves. If interrupted by intruder the mechanism actuates bells, buzzers, lights. Also has built-in timer for night lighting. Range 15 to 30 ft., depending on environment. Solid State circuitry. Operates on 110-125 Volt AC., 60 cps. Relay contacts handle 5 Amps. Size: 10 3/8" W. x 3 1/4" H. x 3 1/4" D. Shpg. wt. 3 lbs. **SW-502** \$69.95



Combination Fire and Burglar alarms



A Olson **BURGLAR & FIRE ALARM** is battery operated, heat sensor triggers loud siren at 115 degrees. Mount on wall, keep on desk or night table. Siren may also be actuated by push button to warn of burglars. Shipping weight 6 lbs. **SW-401** \$11.99

4 Batteries Required. BA-41 13c ea.

B Olson **BURGLAR & FIRE ALARM KIT** includes motor-type siren, one fire sensing switch, 1 master switch, 1 override switch, terminal block, battery holder and 100 ft. of wire. Complete with Instructions. Shipping weight 5 lbs. Less batteries. **SW-391** \$14.99

Extra Fire Sensing Switch. **SW-392** \$2.99

Extra Door/Window Switch Olson **SW-393** \$1.98



C **"MR. SAFETY" DOOR MOUNTED BURGLAR & FIRE ALARM** is self contained, needs no wires. Mounts through any door. Alarm sounds, if door is opened, or if built-in heat sensor detects fire. Complete with inside and outside keys. Size: 4 3/8" x 8" x 1 1/2". Shpg. wt. 5 lbs. **SW-487** \$19.99

New Deluxe Version With Manual Safety Lock

Olson **SW-541** \$29.98

Batteries for above (2 req'd.) BA-109 80c ea.

Personal Security Items !

★ Protect Your Loved Ones!



A **SECURITY SHOCK ROD** uses standard flashlight batteries to give a powerful electric shock on contact. Gives attacker the shock of his life. Works like the cattle prods used in stock shows, auctions. Batteries included. Carrying strap for wrist. Shipping weight 3 lbs.

SR-5 \$9.25

Extra batteries (3 req'd.) BA-41 13c ea.

NEW



B Olson **SECURITY DOOR SCOPE**

★ Low cost personal protection. Let's you see who is on the other side of door before you open it. Ideal for Apartment, Home, Business, etc. You can see out but no one can look in. Wide angle view permits easy viewing of person standing, stooping or even hiding at side of door. Quickly installs in 1/2" dia. hole. Adjustable to door thickness of 1" to 1 3/4". Weather-proof and tamper proof. Shpg. wt. 1/2 lb. Olson **X-129** \$1.39, 4 for \$5

Gadgets & Books for Your Protection !



A **MAGNETIC SWITCH** can be used on doors, windows, cabinet, etc. with most alarm systems. Switch is SPST NC when switch is energized by Magnet. Size: 3 1/2" x 1 1/2" x 3/4". Shp. wt. 1/4 lb.

Olson **SW-506** \$1.98



B **BUZZER** operates on 117 volts AC, 50/60 cps. Size: 2 3/4" x 1 1/8" x 1 1/8". Shipping weight 1/4 lb.

SW-416 \$2.89



C **EXTRA LOUD BELL**, 110 volts AC, 50/60 cps. Shpg. wt. 1/4 lb.

SW-415 \$3.98



D **"SECURITY ELECTRONICS,"**

Covers electronic intrusion alarms, photoelectric detectors, signaling systems and dozens of others. The very latest in security systems must be understood by more experts if we are to curb the continuously rising crime rates. Shipping wt. 1/2 lb.

B-320 \$4.50



E **POLICE-TYPE SIREN** can be heard blocks away, for alarm systems in stores, plants, auto, boat, emergency vehicles, etc. Die-cast aluminum and steel. Heavy-duty construction. For 12 volt DC or 110-120 volt AC @ 2 amps. Size 6 3/4" L. x 5 1/2" W. x 5 1/2" H. Shipping wt. 3 1/2 lbs.

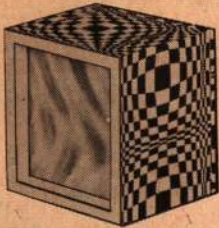
YOUR CHOICE \$19.98

12 Volt X-147

110-120 Volt X-135

1/2 PRICE SALE

SAVE 50% On Environmental Lighting Equipment (Below) When Purchased With Any Olson Stereo Receiver Over \$160. Sorry Offer Does Not Apply To Fair Trade or Sale Items.



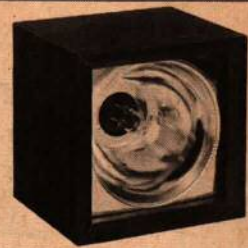
SATELLITE COLOR ORGAN

★ Single Channel — Full Frequency ★ Connects to any Music Source ★ Way-Out Lighting Pattern ★ Ideal for Dorms, Den, Rec Room & Etc. ★ Black & White Pop-Art Finish ★ Complete with Wire and Connecting Clips.
Size: 6" x 6" x 5". Operates on 110-120 volts AC. 60 Hz. Shipping weight 4 lbs.
Use two for stereo \$19.60
\$9.95
Olson X-141



Olson LIGHT MODULATOR

★ Lights Dance in Tempo to Music ★ Connects to Any Amp., Radio, Phono, Etc. ★ Ideal for Music Combos, Home and Parties ★ Light Sensitivity Control ★ 500 Watt Light Capacity
Size: 4 1/2" x 2 1/2" x 1 1/2". Operates on 110-120 AC. 60 Hz. Shipping weight 2 lbs.
Use two for stereo \$19.00
\$9.98
Olson SW-491



ELECTRONIC STROBE LIGHT

★ Create Old Time Movie Flicker ★ Great for Rock Groups — Exotic Dancers — Jazz Combos, Etc. ★ Walnut Finished Wood Cabinet ★ Variable Flash Rate, 1-12 Times Second
Size: 5 1/4" x 5 1/4" x 4 3/4". 110-120 V. AC. 50/60 cps. Shipping weight 2 lbs.
\$24.98
Olson X-134



Olson ENVIRONMENTAL

LIGHT CENTER

Turned-on Lighting



SEE THE BEAT IN COLOR

★ Colored Light Patterns Dance to Music Tempo
★ Three Panels of Patterned Styrene for Maximum Light Exposure
★ Separates Hi and Lo Frequency Channels
★ Connects to Hi-Fi or Stereo System, Musical Instrument Amp., Radio, Etc.
★ Smartly Designed Walnut Finished Cabinet
Size 24" x 11 1/4" x 7 1/2". 110-120 volts AC. 60 cps. Shpg. wt. 12 lbs.

\$30

Olson X-116



TRIPLE CHANNEL COLOR ORGAN

★ 3 Channel color organ
★ Lights respond with different sound frequencies
★ Individual color predominance can be obtained by the adjustment of the corresponding sensitivity control
★ Book-shelf size walnut finish cabinet ★ Size: 18" x 12" x 9".
110-120 V. AC. 60 cps. Shpg. wt. 11 lbs.

\$49.95

Olson X-112



"It's A Mind Bender"

DUAL HEAD STROBE LIGHT

★ Lights Flash Alternately ★ Wide Angle Coverage ★ Variable Flash Rate 1-12 Times/Second
★ Walnut Finished Wood Cabinet
Size: 5 1/4" x 10" x 4 3/4". Operates on 110-120 volts AC. 50/60 cps. Shpg. wt. 4 lbs.

\$49.98

Olson X-142

MUSICIANS -- here's your side man!

Complete rhythm section for the single performer

Olson "DELUXE" RHYTHM-BEAT

Olson X-100

\$129.98



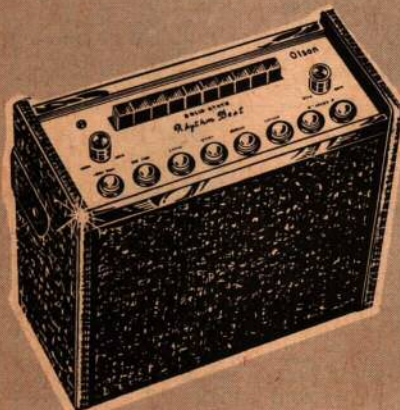
More than just a side man. It's your whole rhythm section. It plays the rhythm while you play the melody. Useful for the amateur, semi-professional or professional musician. This instrument will play through the amplifier of your electric organ, guitar or hi-fi. Beat sounds are mixed automatically to produce different rhythm patterns. Tempo is infinitely adjustable fast to slow. Volume control.

★ 8 Different Beat Sounds
Tom-Tom, Conga, Claves, Snare Drum, Maracas, Cymbal-A and Cymbal-B. With this instrument you can even combine 2 rhythm circuits, call in instrument sounds at the touch of a button. Solid state circuits.

Operates on 110-120 Volts AC — 60 Hz. Size 14" W. x 13 3/4" H. x 7 1/2" D. Shipping weight 18 lbs.

See back cover for instructions.

★ 9 Basic Rhythm Patterns
Rhythms for Waltz, Swing, Surfing, Twist, Bossa Nova, Samba, Rumba, Mambo and Cha Cha. Beat Sounds for Bass Drum, R. G. Meister, 2 Tyrone Avenue, New Castle, DE, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt".



GRILLE CLOTH

Make Your Old Speaker Cabinet Look Like New

Olson Decorator Grille Fabric

Vinyl Plastic Woven for proper mesh for passage of high frequencies as well as low. Your choice of latest patterns and decorator colors. Patterns may vary from illustration. An Olson Best Buy! Shipping weight 1 1/4 lbs.



- | | |
|---|--|
| A Walnut or Mahog.
HF-120 36" x 36" \$2.98
HF-122 24" x 36" \$2.39 | 35" x 12" UNIVERSAL PATTERN
Color and weave are carefully selected to blend with popular wood finishes: Blond, walnut, Fruitwood, etc.
E Olson HF-119 12" x 35" \$1.59 |
| B Blonde
HF-123 24" x 36" \$2.39
HF-121 36" x 36" \$2.89
Package of 2 Matched Pieces
11" x 26" | BASKET WEAVE
Bold wood grain strips run through neutral field of woven vinyl plastic. Will not sag or fade.
F HF-117 12" x 14" 98c |
| C Wal. or Mahog. HF-125 \$2.98
D Blonde HF-124 \$2.98
36" x 36" Grille Fabric | |
| A Walnut HF-13 • Blonde HF-14
Your choice \$1.79 | |

Olson Mediterranean GRILLE FABRIC

Handsome pattern blends with today's most fashionable decor.

- 24" x 36" Cotton Olson HF-159 \$2.79
24" x 36" Plastic Olson HF-158 \$2.99

6 PIECE GRILLE CLOTH KIT

- ★ From 7" x 10" to 12"
 - ★ Mahogany and Blonde
 - ★ Different Patterns
- Olson HF-20 2 Pkgs. for **89c**
Shipping weight 1/4 lb.

Olson MATCHED GRILLE FABRIC

- 11" x 26" pkg. of 2 matched pieces.
Blonde, HF-18 **89c** ea.
Walnut, HF-19

Olson 25" x 30" OLSONTONE

- Blonde, HF-15 **\$1.49** ea.
Walnut, HF-16

Olson ACOUSTIC FIBERGLASS

Ideal for lining speaker cabinet. Easy to cut, glue or staple. 9 sq. ft. package. Shipping weight 2 lbs.

- 2 for \$3.50 **\$1.98** ea.
Olson HF-17

- ACOUSTIC FOAM 72" x 18" x 1/2" **\$2.98** ea.
No. HF-12, 3 for \$7.50

12 FT. GUITAR CABLE



- Olson HF-90 \$2.79
Has a 90 degree 1/4" phone plug on each end. Shpg. wt. 1 lb.
20' Stretch Cable, 1/4" phone plugs
Olson W-540 \$3.98

DISTORTION GENERATOR

Olson X-78 **\$9.98**

- ★ Use With Any Electric Guitar
- ★ Adds That Distorted Way Out Sound
- ★ Easy Plug-in Connection
- ★ On-Off Foot Switch
- ★ Volume and Tone Controls
- ★ Size: 5 1/2" x 3 1/2" x 2 1/8". Shipping weight 1 1/4 lbs.

Olson MUSICAL INSTRUMENT AMPLIFIER HORN

Olson S-150 **\$12.98**

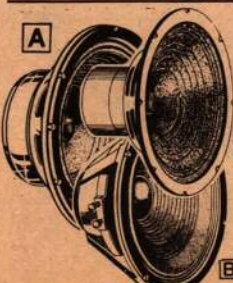
2 for \$24

Use With Any Music Source



- ★ Adds Dimension and High Frequencies Lost with Paper Cone or Bass Speakers
- ★ Powerful 50 Watt Capacity
- ★ Response: 2,000 to 20,000 Hz.
- ★ Includes Crossover Capacitor to Filter Low from High Frequency

- ★ 2.8-ounce Ceramic Magnet
- ★ For 8 or 16 Ohm Impedance
- ★ Use 2 or more with Higher Power Systems
- ★ Ideal for Mating with Olson Guitar Speakers Listed Below
- ★ Size: 3 1/2" x 8" x 8 1/2". Shipping weight 2 lbs.



Olson Jensen GUITAR SPEAKERS

Electronic musical instrument loud speakers are highly special devices designed to give:

- (1) Correct Musical "Voicing" or quality required for the instrument.
- (2) The Power Capacity to reproduce the characteristic wave shapes of the instrumental notes without distortion at loud volumes.

- (3) Unprecedented Ruggedness for unusually long life under severe peak load conditions imposed in demanding applications.

Type	Size	Magnet Wt.	Voice Coil			Stk. No.	Price
			Imp.	Watts	Dia.		
A Bass Guitar	15"	27 oz.	8	60	1 1/2"	S-961	\$26.98
B Bass Guitar	12"	16 oz.	8	50	1 1/2"	S-963	\$21.98
C Guitar full range	10"	10 oz.	8	30	1"	S-674	\$15.99

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 51

SALE

SWITCHRAFF



Olson W-571

\$1.59

Reg. \$1.99
10 @ \$1.49

15' STRETCH CABLE

- ★ 2 Standard 1/4" Plugs
 - ★ Single Conductor Shielded
 - ★ Retracts to 22"
 - ★ Durable Rubber Coated Cable
 - ★ Ideal for Guitar to Amplifier Hook-up, Etc.
- Shipping weight 1 lb.

15' STRETCH CABLE

Same as above less the plugs. Shipping weight 3/4 lb.
Olson W-570 10 @ 99c ea. **\$1.09** ea.

Olson

TRANSMITTER PLUG



Olson RA-57

\$3.99

Reg. \$4.99

- ★ Complete Transmitter in a 1/4" Plug
 - ★ Solid State Circuitry
 - ★ Transmits to Any FM Radio
 - ★ Ideal for Cordless Electric Guitar
- Shipping weight 1/4 lb.

BA-126 Battery for Above (1 Req'd.) ea. 55c

WOW! \$37

Value Separately!

INCLUDED AT NO EXTRA COST

w/ Mighty "O"



Electro-Voice

Professional Dynamic Mike

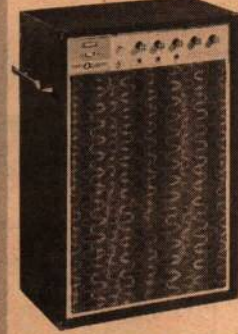
Exclusive!

- ★ Effectively Reduces Feedback
- ★ Built-in Pop Filter

Olson Electro-Voice MUSICAL INSTRUMENT and VOCAL AMPLIFIER

THE MIGHTY 'O'

Like WOW! It Is Powerful



Includes

Electro-Voice SRO/12 SPEAKER BUILT-IN Made To Sell For Over \$80 Separately

- ★ 130 Watts Peak Music Power
- ★ Cool-Efficient Solid State Circuitry
- ★ Rugged Vinyl-Covered Cabinet w/Metal Corner Guards
- ★ Ideal for Rock Bands, Portable PA, DJ's Etc.
- ★ Sturdy Side Mounted Carrying Handles
- ★ 12" Extended Range Speaker
- ★ Built-in Tremelo with Speed and Depth Controls for That Mod Sound
- ★ Separate Bass and Treble Controls
- ★ For Reed, Brass or Rhythm Instruments
- ★ Three Inputs for Mike or Instruments with Individual Volume Controls
- ★ Powerful 3 lb. Magnet

Size: 29 1/2" H. x 19 1/4" W. x 11 1/4" D. Operates on 110-120 Volts AC 50/60 Hz. Shipping weight 70 lbs.



Olson AM-396 \$10 Monthly Complete for

\$179.95

SALE



A



B



C

A Olson 20K OHMS/VOLT MULTIMETER

- ★ DC Volts: 0-25, 50, 500, 250 V.
 - ★ AC Volts: 0-10, 50, 500, 1000 V.
 - ★ DC Current: 0-50 ua., 2.5 ma., 250 ma.
 - ★ Resistance: 0-60 K 6 meg.
- Size: 3 1/4" x 4 1/2" x 1 1/2". Shipping weight 2 3/4 lbs.

Olson TE-185

\$9⁹⁹

Reg. \$11.98

B Olson 1 000 Ohms/Volt Multimeter

- ★ Pocket Size
 - ★ Complete with Test Leads
 - ★ AC and DC Volts, 0-15, 150, 1,000
 - ★ DC Current: 0-150 ma.
 - ★ Resistance: 0-100K Ohms
 - ★ Uses Penlight Bat. (Incl.)
- Size: 2 3/4" x 3 1/2" x 1". Shipping weight 2 lbs.

Olson TE-184

\$5⁹⁸

C Olson 30 K Ohms/Volt Multimeter

- ★ Mirrored Scale-Ranges: DC volts: 0-5, 25, 50, 250, 500, 2.5K, AC volts: 0-10, 50, 100, 1000. DC current: 50 ua., 2.5 ma., 25 ma., 250 ma. Resistance: 0-60K 6 meg. Db. -20 to +22. Complete with test leads and battery.

Shipping weight 3 lbs.

Olson TE-240

\$13⁹⁸

Olson 30,000 Ohms/Volt Multimeter



Olson TE-200
\$19⁹⁸

- ★ DC volts: 0-0.6, 6, 30, 120, 600, 1200V
 - ★ AC volts: 0-12, 60, 300, 1200V.
 - ★ DC current: 0-60 ua., 12 ma., 300 ma.
 - ★ Res.: 0-10K, 1 meg., 10 meg.
- Size: 5 1/4" H. 3 3/8" W. x 1 1/2" D. Shipping weight 2 lbs.

Olson 30K Ohms/Volt Multimeter



Olson TE-230
\$21⁹⁸

- ★ Meter Protective Circuit
 - ★ Mirrored Scale, Less Carrying Case
 - ★ DC Volts: 0.30, 3, 30, 120, 300, 1200
 - ★ AC Volts: 0-12, 30, 120, 300, 1200
 - ★ Resist.: 3000, 300K, 3 Meg.
 - ★ DC Current: 0-30 ua., 3 ma., 300 ma.
- Size: 3 1/2" W. x 6" H. x 2 3/4" D. Shipping weight 2 lbs.

Olson 50K Ohms/Volt Multimeter



Olson TE-197
\$23⁹⁸

- ★ Meter Safe/Guard
 - ★ DC Volts, 0-600 mv., 3, 12, 60, 300, 600, 1200, 3000 V.
 - ★ AC Volts: 0-6, 30, 120, 200, 1200 V.
 - ★ Resistance: 0-10K, 1 meg., 10 meg., 100 meg.
 - ★ DC Current: 0-30 ua., 6 ma., 60 ma., 600 ma.
- Size: 4" W. x 6" H. x 1 1/8" D. Shipping weight 4 lbs.



D



E



F

D Olson 20K Ohms/Volt Multimeter

- ★ Mirrored Scale
 - ★ DC V.: 0-3, 12, 60, 120, 300, 600, 1200
 - ★ DB: -20 to +17, +15 to +31 db
 - ★ Res.: 0-5,000, 500K, 5 meg.
 - ★ AC V.: 0-6, 30, 120, 300, 600, 1200
 - ★ 0-6 ua., 6 ma., 60 ma., 300 ma., 12A
- Shpg. wt. 4 lbs.

Olson TE-214

\$30

E Deluxe 100K Ohms/Volt Multimeter

- ★ Mirrored Scale ★ Protective Ckt.
 - ★ DC V: 3, 12, 60, 120, 300, 600, 1200
 - ★ Res.: 0-2,000, 200K, 20 meg., 200 meg.
 - ★ AC V: 0-6, 30, 120, 300, 600, 1200
 - ★ Audio Volt: 0-6, 30, 120, 300, 600
 - ★ Db.: -20 to +17; +15 to +31
 - ★ DC Current: 0-12 ua., 6 ma., 60 ma., 300 ma., 12 A.
- Size: 5 1/4" W. x 7 1/2" H. x 2 1/2" D. Batteries and test leads included. Shipping weight 4 lbs.

Olson TE-216

\$45

F Mercury Professional Vacuum Tube Voltmeter

- ★ Large 6" Meter
- ★ Not a Kit
- ★ Ideal for Beginner or Pro
- ★ AC Volts 1.5 V. to 1500 V. (7 Ranges)
- ★ Peak-to-Peak: 0-4000 V. (7 Ranges)
- ★ DC Volts: 1.5 V. to 1500 V. (7 Ranges)

- ★ Resistance: 30 to 1000 meg ohms (7 Ranges)
- ★ Operates on 110-120 volts AC 50/60 cps. Size: 8 1/2" x 6 3/8" x 4 1/2". Shpg. wt. 7 lbs.

Olson TE-208

\$49⁹⁵

METER OF THE MONTH

Olson 30 K OHMS/VOLT MULTIMETER

★ Professional Quality ★ Easy Push-Button Operation

LOTS OF USES:

- Check AC Line Voltage



- Check DC Voltage and Current



- Check Resistance and Continuity



- Check Output Level



SPECIFICATIONS

- ★ 30 K Ohms/Volt
- ★ DC Volts: 0-1, 2.5, 10, 50, 250, 1,000
- ★ AC Volts: 0-2.5, 10, 50, 250
- ★ Resistance: 0-5,000, 50K, 500K 5 meg ohms
- ★ Db.: -10 to +36
- ★ DC Current: 0-50 ua., 100 ma., 250 ma., 500 ma., 10 A

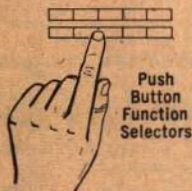
Size: 8 1/2" x 5 1/2" x 2 1/4". Batteries and test leads included. Shpg. wt. 4 lbs.

TAUT BRAND METER

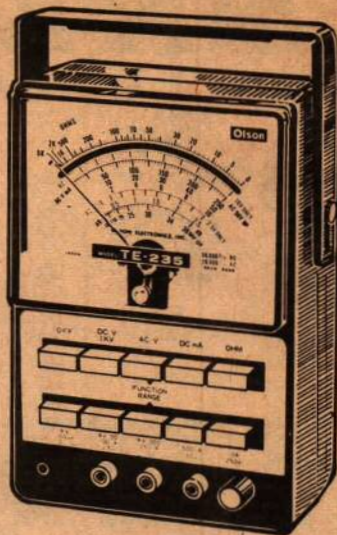


- ★ Large Easy to Read Meter Face
- ★ Mirrored Scale for Accuracy

Olson TE-235 \$40⁰⁰



Push Button Function Selectors



Mercury Tube Tester Kit

MODEL 990K



Olson KB-219 \$21⁹⁵

- ★ Magnoval, Novar, Decal, Compactron, Nuvistor, Octal 9-10 pin & 7 pin
- ★ Checks emission, shorts, leakage and gas of all up-to-date tubes
- ★ Bridge meter circuit
- Size: 6 1/2" x 7 1/2" x 3 1/2". 115 V. 50/60 cps. Shipping wt. 5 lbs.

Factory Wired Model 990

Olson TE-233 \$34.95

Deluxe Mercury Tube Tester Kit

MODEL 1101K



Styles May Vary
Olson KB-184 \$34⁹⁹

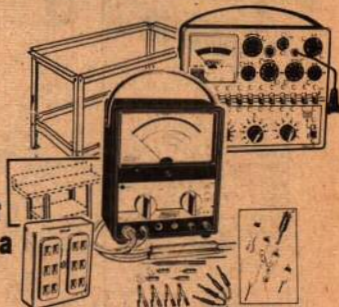
WAS \$40 IN 271 CAT.

- ★ Exclusive 2-Point Test Principle for Accuracy
- ★ Test Decals, Magnovals, Nuvistors, Compactrons, Octals & 7-9-10 Pin
- ★ Large, Easy to Read Meter
- ★ Luggage Style Scuff-Proof Case
- ★ Step-by-Step Easy to Assemble Instructions
- Size: 8 1/4" x 11 1/4" x 3 1/4". Shipping weight 6 lbs.

E. J. Boocock, Star Route Box 10, Richford, VT 05476, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

BEGINNER'S SPECIAL!

Complete Test Equipment Center at a Savings



- ★ Ideal For Do-It-Yourselfers, Students and Servicemen

- ★ Special Includes:
Mercury VTVM Olson TE-208 (p. 52)
Mercury Tube Tester Kit, Model 990K (left)
Olson TE-207 Test Lead Kit (p. 54)
Olson W-568 6 AC Outlet Converter (p. 54)
Sturdy Bench Frame KB-98 (p. 61)

SAVE \$13.16 FROM INDIVIDUAL CAT. PRICES

Olson AS-449 \$70
*\$10 Monthly

G Olson 500 Watt Variable Voltage Control

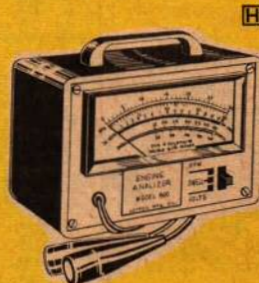
Variable auto-transformer of toroidal-core design. Delivers variable AC voltage from 0 to 130 volts. Maximum rating applies over full range of output voltage. AC input 110-125 volts AC. 50 to 60 cps. Shpg. wt. 10 1/2 lbs.

Olson T-279 \$14⁹⁸

H Auto Tachometer Dwell Meter

- Also Checks For Weak Voltage
- ★ Electronically Tunes Up Any Car Made
 - ★ Fast, Easy Operation
 - ★ Checks 0-16 Volts DC Battery, Etc.
 - ★ For 4, 6, or 8 Cylinder Cars
 - ★ RPM Ranges: 0-3,000, 0-4,000 RPM
 - ★ Dwell Angle Ranges: 15-45°, 20-60°
 - Size: 6 3/4" x 5 1/2" x 2 1/2". Shpg. wt. 5 lbs.

Olson TE-250 \$21⁹⁸



I Olson Variable DC Power Supply

- ★ 24 Volts DC
- ★ 1 Amp Output
- ★ Convenient Binding Posts
- ★ Full Wave Rectification
- ★ 1 3/4" Clear View Meter
- ★ Fuse Protected
- Size: 7 1/4" W. x 5 1/2" D. x 3 1/4" H. 110-120 V. AC, 50/60 cps. Shipping weight 5 lbs.

Olson BA-145 \$21⁹⁸

J Tachometer Dwell Angle Meter

- ★ Electronically Tunes Up Any Car Made
- ★ 3 Ranges: 0-45, 0-60, 0-90 Degrees
- ★ For 4, 6 or 8 Cylinder Cars
- ★ 2 RPM Ranges: 0-1200, 0-6000 RPM
- Size: 6 3/4" W. x 5 1/2" H. x 2 1/4" D. Shipping weight 5 lbs.

Olson TE-204 \$29⁹⁵



SALE

ELECTRICAL TAPE



PVC
Olson TL-268
89¢
Reg. \$1.12

- ★ 66 Ft. Roll
- ★ 3/4" Wide
- ★ Shpg. wt. 1/4 lb.

Olson 12 PC. TEST LEAD KIT



Olson TE-207
\$1.89
Reg. \$2.29

Consists of two 36" red and black test leads with banana plugs on each end. 2 heavy-duty spade lugs, 2 phone tip plugs, two 5" test probes and insulated clips. Shipping weight 1/4 lb.

Olson NEON CIRCUIT TESTER



Olson TE-220
99¢
KIT OF 2

★ For Radio-Electrical Circuits
Circuit tester for voltages from 125 to 280 volts AC or DC. Molded plastic with insulated leads. Completely safe. Shpg. wt. 1/4 lb.

Olson TEST LEAD ADAPTERS



Olson TE-224
\$1.19
4 for \$4

Plugs on to test probe to change to clips. Fully insulated. 9/16" long. Shipping weight 1/4 lb.

DELUXE TEST LEADS



Olson TE-212
\$1.19
4 for \$4

★ 60" Long
Long extra, flexible test leads with new "flexiprobes." Molded strain relief eliminates wire breakage. Standard tip plugs on end of leads fit most multimeters. Shipping weight 1/4 lb.

Olson DIODE & RECTIFIER TESTER



Olson TE-244
\$3.19
3 for \$9

★ Checks for Opens and Shorts
★ Indicates Diode Polarity
★ Tests Low Voltage Electrolytics
Size: 3 1/4" x 2 1/4" x 1 1/8". Shipping weight 1/4 lb.
Battery for above, one required.
Olson BA-89 21c

ELECTRICAL TAPE COLOR-PAC

\$3.98
Olson TA-584
10 ROLLS
330 FT.
YELLOW NAVY
ORANGE BROWN
RED BLACK
BLUE GRAY
GREEN WHITE
10 Colored Rolls each 33' long. Color Code Wires and Connections.

JEWEL SWISS STOP WATCH



Olson X-531
\$11.98
Scale divided in 1/10 seconds up to 30 seconds on outer dial. Inner dial registers up to 15 minutes. Side and crown push buttons. 1 3/4" dial. Shipping weight 1/2 lb.

Olson 6 AC OUTLET CONVENIENCE CENTER



Olson W-568
\$1.99
3 for \$5.40
★ Converts One AC Outlet to Six
★ 15 Amp Capacity
★ Easy Mount-in-Seconds Installation
★ Complete with 6 ft. Heavy-duty Cable
Size: 4" x 4 3/4" x 1". Shipping weight 1 lb.

MULTIPLE OUTLET CONVERTER



8-IN-1 TAP-A-LINE W-278
\$2.49
★ For Kitchen or Work Bench
Shipping weight 1/4 lb.

6 AC OUTLET CONVERTER



Olson X-85
\$1.98
3 for \$5.40
★ 6 AC Outlets Available From 2
★ Ideal for Home-Office-Shop
★ Easy Plug-In Installation
Size: 4 1/4" W. x 4 3/4" H. x 1". Shipping weight 1 lb.

DEGAUSSING COIL



Olson TV-143
\$2.79
Sharpens color reception through demagnetization of the picture tube. Simply rotate degausser in front of color tube to remove color impurities. Use regularly to keep reception sharp and clear. Includes clip to store on back of set when not in use. Shipping weight 1 lb.

Picture Tube Brightener

★ Restores Brightness & Contrast
★ Made in U.S.A.
★ Extends Tube Life

For series or parallel wired filaments. Can be used on electrostatic or electromagnetic focus tubes. Shipping wt. 1 lb.

Olson T-276, 3 for \$5.40
12 at \$1.60 ea. **\$1.98**

COLOR PICTURE TUBE "BRITENER"



Olson T-442
\$5.73
★ For 90" Rectangular 23" and 25" Tubes
Brightens and restores color contrast and quality to aging color TV picture tubes. Increases filament voltage to boost emission for sharper, clearer pictures. Shipping weight 1 lb.

Battery Eliminator-Power Supplies

DC POWER SUPPLY



Olson BA-133
\$6.99

- ★ 4.5, 6, 9 and 12 Volts
- ★ For Solid State Devices
- ★ Up to 140 MA Output

Low ripple DC power supply is perfect for solid-state modules and experimental transistor circuits. Desired voltage is selected by slide switch on front panel. Has binding posts and pilot light. Size: 5 1/4" x 2 3/4" x 2 3/4". Operates on 110-120 volts AC, 50/60 cps. Shipping weight 3 lbs.

Olson 6 & 9 VOLT AC Adaptor



Olson BA-159
\$5.49

- ★ Up To 200 ma. Output
- ★ 3 Plug Adaptors
- ★ For Radios, Tape Recorders, Walkie Talkies, Etc.

Operates battery powered devices directly from house current. Convenient plug-in adaptor fits miniature and subminiature phone jacks and the popular coaxial power jack. Supplies 6 V. DC @ 200 ma. or 9 V DC @ 150 ma. pos. or neg. gnd. Operates on 110-120 V. AC. 60 Hz. Size: 2 1/4" x 1 1/4" x 1 1/2". Shpg. wt. 1 lb.

Olson Solid State DC Power Supply

\$18



Olson BA-161

- ★ Operates Automotive Accessories From House Current
- ★ Output: 12 Volts DC @ Up to 2 Amps
- ★ Ideal for Tape Players, CB Radios, Etc.

★ Well Filtered and Stabilized
★ Convenient Binding Post Terminals
★ Fuse Protected Against Overload
★ Controls Include On/Off Switch and Pilot Light.
Size: 4 1/4" W. x 3 1/4" H. x 7" D. Operates on 110-120 V. AC. 60 cps. Shipping weight 5 lbs.

Olson UNIVERSAL DC POWER SUPPLY



Olson BA-155
\$7.99

- ★ 3 - 4.5 - 6 - 9 - 12 Volts
- ★ Up to 400 Ma Output
- ★ Operates Radios, Cassette Recorders, Etc. From House Current
- ★ Has Pilot Light and On-Off Switch
- ★ Rugged Metal Cabinet
- Size: 3 1/4" W. x 2 1/4" H. x 4" D. Shipping weight 3 lbs.

Olson 12 Volt DC POWER SUPPLY



Olson X-55
\$7.98

- ★ Completely Assembled
- ★ Output 1 Amp.
- ★ 117 V. AC Input
- ★ Silicon Diodes
- ★ Well Filtered
- Size: 2 3/4" x 2 3/4" x 1 1/8". Shipping weight 2 lbs.

Olson 1 AMP TEST CLIP

Olson X-121

\$1.49



- 4 for \$5
- ★ Vinyl Insulated
- ★ Pkg. of 6, 3 Red—3 Black
- ★ Solder or Screw Connection
- Shpg. wt. 1/4 lb.

Deluxe CLIP LEADS



Olson X-43
\$1.49
4 for \$5

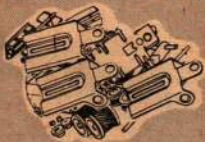
- ★ Pkg. of 10 ★ 14" Long
- ★ Insulated Alligator Clips
- Shipping weight 1/4 lb.

SLOT CAR ACCESSORIES

"SLOT CAR SURPRISE KIT"

- ★ Wheels, Axles, Bearings, Etc.
- ★ Components by Leading Manufacturers

A generous supply of the most often needed parts for the slot-car builder. Includes a set of wheels and axles.



Olson SL-116

\$1.39

Shipping wt. 1 lb.

D. Gillund, 213 St. Anthony, Preston, MN 55965, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

DELUXE SURPRISE KIT

69 parts including gears, motor mounts, rudder guides, chassis. Tires plus all of above. Shipping weight 2 lbs. Olson SL-184 \$2.99

HOME OILER

Ideal for lubricating slot car wheels, bearings and household items. Flexible acetate container. Shpg. wt. 1/4 lb.

Olson SL-20

\$1

4 FOR

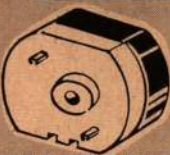


RANNALLI CONTACT BRUSHES

- ★ Pkg. of 16 1" Strips
- ★ Tinned

Shpg. wt. 1/4 lb.

Olson SL-144 2 for \$1



A



B



C

MABUCHI HOBBY MOTORS

Replacement For Many Battery Powered Recorders

AS LOW AS **69c**

IN LOTS OF 4

- ★ 1 1/2 and 3 Volt Models
- ★ Reversible
- ★ All Are Compact Sizes

- ★ Ideal for Toys, Hobby Cars, Displays, Etc.

A 3 volt DC. Size 1 1/4" x 1 1/2" x 1 1/2". Shaft: 1/4" L. x 1/8" dia. 79c ea. 4 @ 69c Olson MO-238

Same as above but has Pinion Gear pressed on shaft. 89c 4 @ 79c Olson MO-239

B Same motor as A but has pinion gear and gear housing. Housing size 2 1/4" x 1 1/4" x 2". 99c ea. 4 @ 89c Olson MO-240

C 1 1/2 volt DC. Heavy Duty with mounting plate. Size: 2" x 1 3/4" x 1". Shaft: 1/4" L. x 1/8" dia. 99c ea. 4 @ 89c Olson MO-242

Same as above but Smaller. Size 1 1/4" x 1 1/4" x 3/4". 89c ea. 4 @ 79c Olson MO-243

Shipping weight 1/2 lb.

BATTERY CHARGER

\$4.98

Olson BA-103

- ★ Pays for itself by not replacing batteries as often.

Recharge 1 to 4 batteries at a time, alkaline, carbon/zinc, mercury and even nickel-cadmium. 110 to 120 volts AC, 50/60 cps. Shipping weight 3 lbs.



Chargatron Automatic Charger. Similar to BA-103 but includes Safe-T Plug. Self regulating, stops charging when batteries are charged. 89c ea. 4 @ 79c Olson BA-154

\$8.98

Olson

BATTERY TESTER

Olson

TE-237

\$10.98

- ★ Battery is tested Under Load Conditions (1.5V to 15V only)
- ★ Large Full View Meter
- ★ 12 Position Selector Switch
- ★ Test Leads Included
- ★ Most Popular Ranges from 1.5 V to 240 V.

Size: 5 1/4" x 3 5/8" x 2". Shpg. wt. 2 lbs.

PENLIGHT BATTERY HOLDERS

Each Holds 6 Penlight Cells

Batteries connect in series. 9 volts to the terminals. Ideal for walkie-talkies, transistor radios, etc. Shpg. wt. 1/4 lb. No. BA-125 Kit of 2 99c 2 For \$1.79

As above except each holder accepts 4 penlight cells for 6 volt applications. No. BA-124 Kit of 2 99c 2 For \$1.79



SALE

MALLORY DURACELL

Rechargeable Alkaline Batteries Popular "D" Size Pkg. of 2

Reg. \$3.50 **NOW \$2.70**

See More Details Below

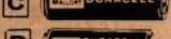
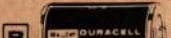
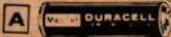
A FRESH SET OF BATTERIES MAKES OLD RADIOS AND RECORDERS PLAY LIKE NEW



MALLORY DURACELL

MERCURY & ALKALINE BATTERIES

They last a Lot Longer!



For Photography, Flashlights, Toys, Games and Transistor Radios.

Mercury batteries last 4 to 5 times as long as carbon/zinc batteries. Alkaline last up to 8 times as long as carbon coils. Mercury batteries give longest life in transistor radios and similar equipment. Alkaline batteries are best for higher current applications such as flashlight and photo-flash. Shpg. wt. 1/4 lb.

	VOLTS	TYPE	SIZE	NEDA TYPE	MALLORY NO.	STOCK NO.	PRICE
A	1.4	Mercury	AA	15A	ZM-9	BA-108	\$1.00
B	1.5	Alkaline	C	14,814	MN-1400	BA-109	.80
B	1.5	Alkaline	D	14,814	MN-1300	BA-137	1.00
C	1.5	Alkaline	AAA	15,815	MN-1500	BA-110	.60
D	1.5	Alkaline	AAA	20	MN-2400	BA-111	.60
E	1.5	Alkaline	N	910	MN-9100	BA-112	.50
F	1.4	Mercury	2 3/4" x 1 3/4"		RM-675	BA-126	.55



DURACELL ALKALINE BATTERIES

- ★ Can be stored for two years or more
- ★ Ideal for Campers — Toys — Recorders
- ★ Three Popular Sizes
- ★ Packaged in Pairs Only
- ★ Fully Charged When You Get Them
- ★ Can be Charged Up to 100 Times
- ★ Shipping weight 1/4 lb.

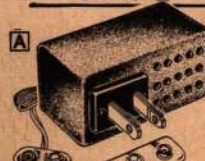
"D" Size Olson BA-148 Pkg. of 2 \$2.70
 "C" Size Olson BA-149 Pkg. of 2 \$3.00
 "AA" Size Olson BA-150 Pkg. of 2 \$2.00

MALLORY

CHARGER for above BATTERIES Charges all 3 Sizes Olson BA-151 \$8.95

"TEST FRESH" BATTERIES

Stock No.	Volts	Replaces	Each	Lots of 10, ea.	Lots of 100, ea.
A BA-89	9	Burgess, 2U6, RCA, VS-312, Eveready 216, and NEDA 1604 Shpg. wt. 1 1/4 lbs.	21c	20c	19c
B BA-53	1 1/2 "D" Size	Burgess 2R, Eveready 950 or RCA VSO-36 Shipping wt. 1/4 lb.	13c	8c Ea. in lots of 10 or more	
B BA-41	1 1/2 "C" Size	Eveready 935, RCA VS. O35A.	13c	12c Ea. in lots of 10 or more	
C BA-67	1 1/2 AA Size	Eveready 915, Burgess Ray-O-Vac Z		Pkg. of 8, 59c	3 Pkgs./\$1.50



A 9 Volt Battery Eliminator/Chargers

- ★ Charges 9V Batteries

Use to replace or charge the following batteries: Burgess 2U6, RCA VS213, Eveready, 216, Neda 1604, Olson BA-89. For 110-120 Volts AC, 50/60 cps. Size: 2 1/2" x 1 1/4" x 1 3/8". Shipping weight 1 1/2 lbs.

Olson BA-106 \$2.98

B Charge batteries in 1 to 1 1/2 hours. Converts transistor portables to AC. Use with batteries BL-006P, MV-006P, Burgess 2U6. For 110-125 volts AC. Size, design may vary from picture. Shipping weight 1/2 lb. Olson BA-78 \$3.98



Olson UHF-VHF-FM COLOR TV ANTENNAS



Don't Tolerate Ghosts and Color Distortion
— Use an Olson Color Approved Antenna System.

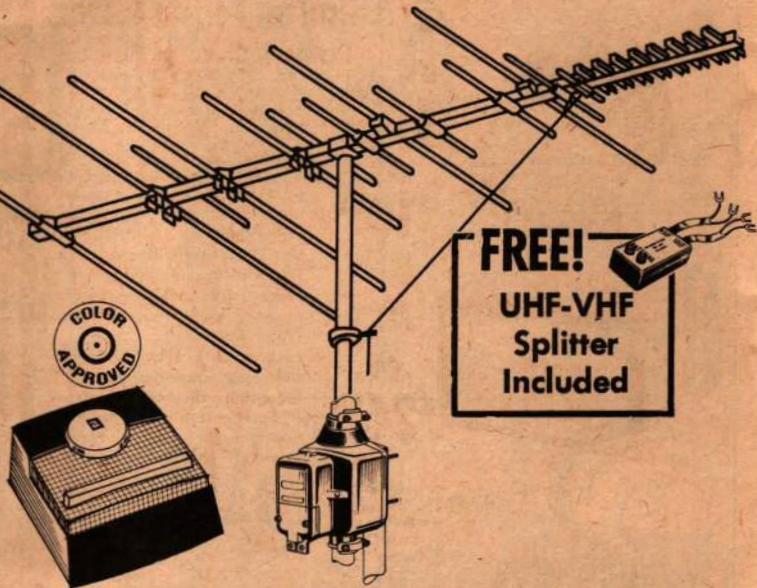
- ★ UHF-VHF-FM Maximum Performance System
- ★ Gold Protecto Finish ★ Signal Splitter Included

Fast accurate assembly is guaranteed by self aligning brackets. Heavy duty 1" square aluminum boom keeps all elements of antenna properly positioned for maximum pick-up range. Olson AA-347 delivers full power signal to your TV set even in fringe areas. Highly directional characteristics reject unwanted signal from side or rear of antenna to eliminate ghosts. Shipping weight 25 lbs. Shipped Railway Express only.

W. E. Nordholm, 312 E. Park Avenue, Anaconda, MT 59711, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

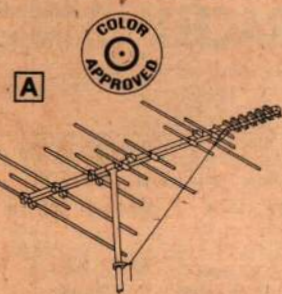
Olson
AA-347

\$29⁹⁸



Add a TENNA ROTOR and save. Above antenna with Alliance K22 rotor and control box plus 100' of 5 cond. cable. **\$45**
Olson AS-315

FREE! UHF-VHF Splitter Included With These 6 Antennas



A UHF-VHF-FM Maximum Performance System

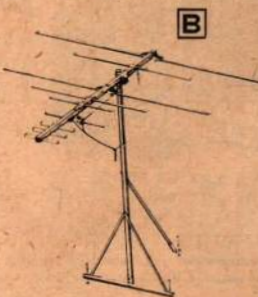
- ★ For Metropolitan Areas
- ★ Gold Protecto Finish
- ★ Pre-Assembled Construction
- ★ Color of Black and White

Shipping weight 4 1/4 lbs.

Shipped Railway Express only
L. Swenson, 211 9th Avenue, Devils Lake, ND 58301 wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

Olson
AA-360

\$10⁹⁸



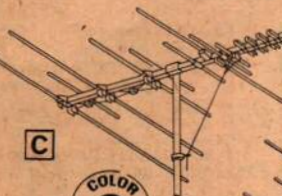
B "MOUNT IT ANYWHERE"

- ★ Ideal for Attic, Crawl Space, Apartments or Outdoors
- ★ For Use in Strong UHF-VHF Signal Area
- ★ Fine for Color or Black and White
- ★ Complete with Mounting Hardware and Wire
- ★ Gold Protecto Finish

Rugged factory pre-assembled antenna offers fast, easy installation. Kit includes 50' lead-in wire, antenna, antenna mast, tripod mount, 3 screw-in insulators, 1 mast insulator, hardware, and UHF-VHF separator. Antenna length 30". Shpg. wt. 8 lbs.

Olson
AA-388

\$10⁹⁸



C ★ For Suburban Areas ★ UHF-VHF-FM Maximum Performance System ★ Color or Black and White

This special design antenna, with 3 VHF and 6 UHF driven elements, for suburban areas will deliver sharp, ghost-free reception. Factory pre-assembled. "Gold Protecto" finish. 63" boom. Shipping wt. 5 1/4 lbs. Shipped Railway Express Only.

Olson
AA-361

\$15⁹⁸



Antenna with AA-168 rotor
Olson AS-378 \$35.00

Antenna with AA-239 rotor
Olson AS-379 \$31.00

D FINCO
★ For Deep Fringe Areas ★ Forty-Five Elements — Operates as 71 Elements
★ Snap-Lock Pre-Assembled Construction ★ 195 1/2" Boom Length ★ Twin U-Bolt Assures No-Tilt Mounting ★ Gold Anodized Finish.

Shipping weight 16 lbs.
Shipped Railway Express Only

Olson
AA-368

\$59⁹⁷

*\$10 MONTHLY

E Co-Ax Antenna Kit

- ★ Deluxe 36 Element Antenna ★ "Gold Protecto" Finish ★ Pre-Assembled Construction ★ Famous Log Periodic Design ★ Heavy Duty Support Brace
- ★ Pre-Assembled Elements ★ High Front-to-back Ratio ★ Includes 75' Co-Ax Cable, 5' Mast and 11 Insulators

Shipping weight 20 lbs.
Shipped Railway Express Only

Olson
AA-220

\$66

*\$10 MONTHLY



F FINCO
★ For Deep Fringe Areas ★ Forty-Five Elements — Operates as 71 Elements
★ Snap-Lock Pre-Assembled Construction ★ 195 1/2" Boom Length ★ Twin U-Bolt Assures No-Tilt Mounting ★ Gold Anodized Finish.

Shipping weight 16 lbs.
Shipped Railway Express Only

Olson
AA-368

\$59⁹⁷

*\$10 MONTHLY

F For fringe area reception: 18 working elements deliver clear, sharp pictures on all existing channels and any new channels coming in the future. Gold Protecto finished. Reinforced sleeved elements are mounted on a rugged one inch square boom, fully pre-assembled. Antenna length 93". Shpg. wt. 6 3/4 lbs.

Shipped Railway Express Only

Olson
AA-362

\$22⁹⁸

Deluxe 26 element antenna. Same design as above with additional elements for more pulling power.
Olson AA-363 \$34.98

Rotating Antennas Improve Reception

Alliance Tenna Rotor Rotor & Control Box



Olson
AA-239
\$19³⁷



Deluxe Alliance
T-45 Rotor
Olson
AA-168
\$24⁹⁸



Alliance
C-225
Automatic Solid State
Tenna Rotor
Olson
AA-169
\$35⁹⁷

Make your color TV come alive! By the addition of an Alliance Tenna Rotor and an Olson long-range color approved antenna. A precision-aimed antenna reduces interference and color distortion so that you enjoy a life-like picture. If you live in a fringe area or your picture quality varies when tuning from station to station, a rotor is a must. Rotators not only improve your TV reception, they also improve FM reception and make it possible for you to receive stations from more than one city. Takes up to 20-lb. antenna. 110-120 V. AC. Shipping weight 11 1/4 lbs.

100' 5-Cond Rotor Cable

Olson W-533 \$4.98

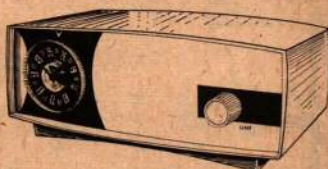
Rotor thrust bearing relieves strain on motor bearings. Recommended for all large antennas.

Olson AA-167 \$3.49

UHF CONVERTER

- ★ For Channels 14 to 83
- ★ Easy Hook-Up to Any TV Set
- ★ Equips Any Set to Receive UHF
- ★ A Good Looking Accessory That Modernizes Your Old Set
- ★ Styles May Vary

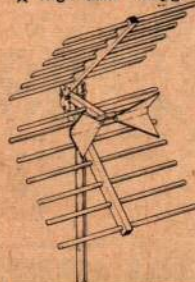
Size 9 1/4" W. x 4" D. x 3 3/4" H. 110 to 120 volts AC, 50/60 cps. Shipping weight 8 lbs.



Olson
AA-233
\$14⁹⁸

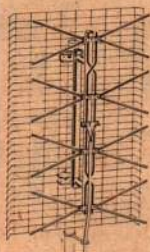
UHF Indoor/Outdoor Corner Reflector Antenna

- ★ For Channels 13-83
- ★ Gold Protecto Finish
- ★ High Gain Shpg. wt. 3 1/2 lbs.



Olson
AA-98
\$4⁹⁸

UHF ANTENNA



for Color or Black & White

- ★ High Gain.
- ★ Hardware Included for Top or Bottom Mounting

Size: 38 1/2" H x 18" W x 3 3/4" D. Shipping wt. 5 1/2 lbs.

Olson
AA-151

\$4⁹⁸



Shipped Railway Express only

Approximate Railway Express Charges

DO NOT SEND MONEY for express charges with your order. Express charges are collected upon delivery at no extra cost to you. Insurance is included in your express rates.

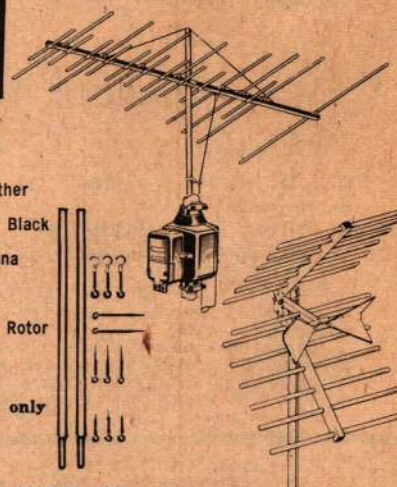
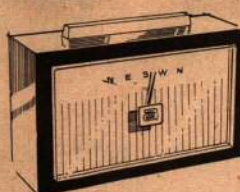
*Note! No express charges for merchandise picked up at any Olson Electronics Store.

Weight	150 Miles	300 Miles	600 Miles	1000 Miles	1400 Miles	1800 Miles	Over 1800 Miles
1 - 25 lbs.	\$6.85	7.30	8.30	9.75	10.90	12.00	13.10
26 - 50 lbs.	7.75	8.45	9.90	12.10	13.85	15.45	17.15
51 - 75 lbs.	9.45	9.65	11.50	14.40	16.70	18.90	21.25

* MONTHLY PAYMENT CHART, See Page 18

Summer Special

Olson HIGH GAIN ANTENNA SYSTEM



- ★ For Deep Fringe Areas
- ★ Receive Stations From Other Cities
- ★ UHF-VHF-FM — Color or Black and White
- ★ 18 Element VHF-FM Antenna
- ★ High Gain UHF Antenna
- ★ Alliance T-45 Rotor
- ★ 100' 5 Cond Rotor Cable
- ★ Includes Hardware Kit & Rotor Thrust Bearing

Shpg. wt. 35 lbs.

Olson AS-454
Shipped Railway Express only

\$66⁶⁶

*\$10 Monthly Total Individual Catalog Price \$70.12

Less Mounting Brackets

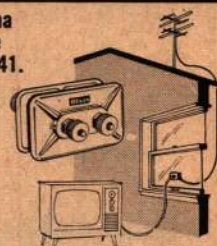
VHF-FM Antenna Separately Olson AA-367 \$27.98

FREE! Window Feed-Thru Antenna Wire Connector with the purchase of AA-259 or AA-341.

- ★ No Holes Needed
- ★ No Tools Required
- ★ Fast Easy Installation
- ★ Minimum Signal Loss
- ★ For Home, Travel Trailer, Etc.
- ★ For Color, Black & White, FM

Olson AA-204

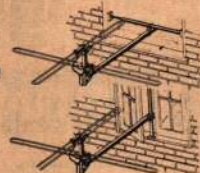
99^c



Olson WINDOW FM ANTENNA KIT

Olson AA-341

\$10⁹⁸



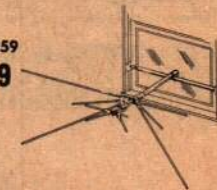
- ★ Vertical or Horizontal Mounting
- ★ Ideal for Apartment Buildings, Hotels, Etc.
- ★ Aluminum-Gold Corrosion Proof Finish
- ★ Separate UHF/VHF Orientation
- ★ Expandable Window Frame Mount

Shipping weight 4 lbs. Shipped Railway Express Only.

Olson WINDOW TV ANTENNA KIT FOR Color & Black & White

Olson AA-259

\$11⁴⁹



- ★ Vertical or Horizontal Mounting
- ★ Ideal for Apartment Buildings, Hotels, Etc.
- ★ Aluminum-Gold Corrosion Proof Finish
- ★ Separate UHF/VHF Orientation
- ★ Expandable Window Frame Mount

Shipped Railway Express Only.

Olson VHF TV ANTENNA

Olson AA-365

\$10⁹⁸

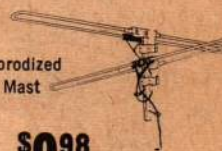


Factory pre-assembled 8 element VHF-FM antenna for Suburban area. Snap-out pre-assembled construction makes installation easy. Shipping weight 5 lbs. Shipped Railway Express only.

Olson FM ANTENNA KIT

- ★ Gold Corodized
- ★ Double Mast Mount

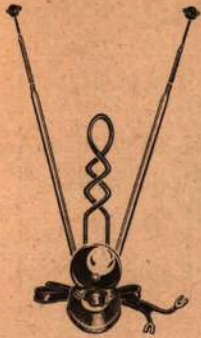
Olson
AA-173
\$9⁹⁸



An all-direction FM antenna. Complete with 50 ft. of 300 ohm twin line, two mast insulators, three screw eye insulators. Shipping weight 3 1/2 lbs.

Olson Electronics 57

SALE



INDOOR TV-FM ANTENNA

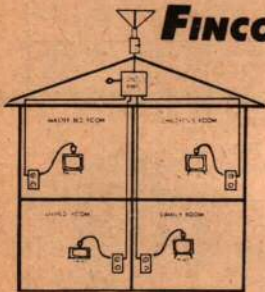
Olson AA-25

Reg.

~~\$2.59~~

\$1.99

Covers VHF and UHF as well as FM stations. Has 6 position phasing switch built into base. Complete with 300 ohm lead-in for any set. Extends to 34". Shipping weight 3 lbs.



FINCO Master Antenna System

- ★ Maintains Full Signal To All Outlets At Any Location
- ★ Ideal for Home, Apartments, Motels, Etc.
- ★ Advanced Solid State Circuitry is Superior Over Hybrid Couplers Which Reduce Signal
- ★ Uniform Gain On UHF-VHF-FM/MPX

SYSTEM INCLUDES:

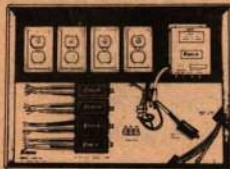
- 1—Signal Amplifier for 110-120 Volt AC 50/60 cps
- 1—300 to 75 ohm Matching Transformer
- 4—Ivory Wall Receptacles w/connectors
- 4—UHF-VHF Line Couplers
- 206 ft. Low Loss Coax Cable

Shipping weight 15 lbs.

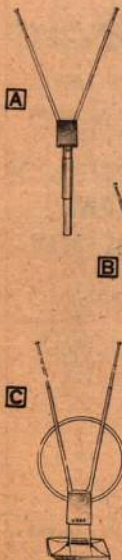
Olson AA-348

\$99.99

*\$10 Monthly



INDOOR TV ANTENNAS



STUDIO COLOR QUALITY ANTENNAS

- USAC**
- ★ Universal Replacement for All TVs VHF-FM
 - ★ Folds to Disappear Behind Set
 - ★ Mounts In Seconds
 - ★ For Color or Black and White
 - ★ Strong Adhesive Backing Sticks to Wood, Metal or Plastic
- Shpg. wt. 2 lbs.

Olson AA-382 **\$2.98**

- ★ UHF-VHF-FM
 - ★ Folds to Disappear Behind Set
 - ★ Ideal for Portables and Table Models
 - ★ Separate UHF and VHF Leads
 - ★ Fine for Color and Black and White
 - ★ Installs in Seconds
- Shipping wt. 3 lbs.

Olson AA-385 **\$5.95**

- ★ UHF-VHF-FM
 - ★ Color or Black and White
 - ★ Tower Design for Added Signal Strength
 - ★ Rotating Scanner for Best Reception
 - ★ Separate UHF-VHF Leads
- Shpg. wt. 4 lbs.

Olson AA-378 **\$6.95**



TUNABLE INDOOR TV ANTENNA

- ★ Just Turn The Dial To "Beam In" on The Station
- ★ Handsome Walnut Cabinet
- ★ Telescoping Rods
- ★ For Color and Black & White
- ★ Works with UHF, VHF and FM

Size: 4 1/2" x 3 1/2" x 3 1/4"
Shipping weight 2 lbs.

Olson AA-393 **\$1.49** 3 @ \$1.00 Ea.

TV LEAD-IN WIRE & ACCESSORIES

100' TV-FM LEAD-IN



Olson W-73 **\$1.89**

- ★ 300 Ohm ★ 22 Gauge Copper
- Made of pure polyethylene, conductors are all stranded copper.
- Available in two grades. Shipping weight 2 1/2 lbs.

EXTRA HEAVY DUTY 100' TV-FM LEAD-IN
Olson W-412 **\$2.98**

Olson 100' "Prime-Line" LEAD-IN



- ★ For Improved Color Reception
 - ★ UHF/VHF
- Olson W-541 **\$4.98**

New Olson "Prime-Line" lead-in in foam insulated and covered with abrasion resistant black jacket. The outer layer of insulation is impregnated with carbon black for super resistance to the deteriorating effects of the sun's ultra violet rays. Shpg. wt. 2 lbs.

COAXIAL CABLE COLOR KIT



- ★ Heavy Duty 18 Gauge Wire
 - ★ 100% Mylar Foil Shield
 - ★ Improve Color Reception
 - ★ Reduces Interference
 - ★ Eliminates Line Losses
- Olson W-563 **\$14.98**

Convert your 300 ohm antenna system to 75 ohm system. Includes coax connectors, mounting hardware, 100 ft. of cable and mast insulator. Shipping weight 2 lbs.

100' Shielded 'Prime-Line' TV LEAD-IN



Olson W-543 **\$13.98**

★ Balanced 300 Ohms
300 ohm lead-in for TV or FM. Shielded for outstanding noise-resistant performance. Each conductor is foam insulated and coated with abrasion proof vinyl. Delivers noise-free signal from antenna to set, efficiently. Shipping weight 3 lbs.

FINCO 82 CHANNEL ANTENNA BOOSTER



Olson AA-397 **\$34.98**

- ★ Solid State
- ★ UHF-VHF-FM
- ★ For Color/Black and White

- ★ Easily Installs in Any Location Indoors
 - ★ Built-in 4 Set Coupler
 - ★ For 300 ohm Systems
 - ★ 5 db Gain
 - ★ Ideal for Distribution AMP on MATV Systems
- Shipping weight 1 lb. Operates on 110-120 V. AC, 60 Hz.

Olson FM DIPOLE ANTENNA 300 OHM

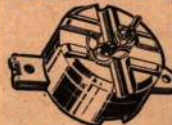


Olson AA-211 **\$1.29**

2 FOR \$2.38

Flexible folded dipole antenna for FM or TV. Has tabs on end for wire for easy attachment to back of cabinet. Shpg. wt. 1/4 lb.

Universal LIGHTNING ARRESTOR



Olson AA-253

99c

- ★ Protects TV set From Lightning
 - ★ For Flat, Round or Open Wire
 - ★ Strap on Mast or Mount on Wall
 - ★ No Need to Cut or Strip Lead-in
- Size: 2" Dia. x 1". Shipping wt. 1/4 lb.

LIGHTNING ARRESTOR

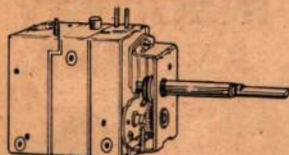


Olson AA-205

\$2.69

- ★ Fused Protection
 - ★ Replaceable Fuses
 - ★ Rugged Weather-Proof Construction
 - ★ Screw Type Connectors
- Shipping weight 1 lb.

Solid State UHF TV Tuner



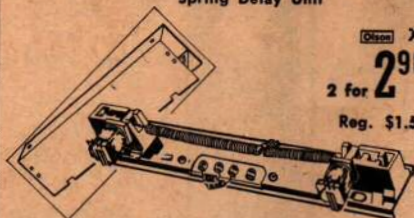
Olson TV-201
3 @ \$3.80
10 @ \$3.50
25 @ \$2.99

\$3.99

- Exact Replacement for Many Famous Make TV Sets
- Made by General Industries
- Direct Drive w/Fine Tuning
- Shipping weight 1 lb. Styles may vary.
- Approx. size: 6" L. (incl. shaft) x 1 3/4" W. x 3" H.

SALE

Build Your Own Reverb System Spring Delay Unit



Olson X-75
2 for **\$2.90**
Reg. \$1.59 ea.

- Complete Delay Line
- For Home or Auto
- Schematic Included for Balance of Circuit
- Up to 1.7 Seconds Reverb
- Can be Used for Echo Chamber
- 8 Ohm Input. Hi-Impedance Output
- Size: 5 7/8" L. x 1 1/2" H. x 7/8" D. Shpg. wt. 1/4 lb.

ART GIZMO

Make Fascinating Geometric and Psychedelic Designs. Fun For The Entire Family.



Olson X-115
69¢

Reg. 89c

- Works Automatically. All You Have To Do Is Watch
- Educational and Scientific Fun for All
- Ideal for the Mod Set
- Comes Complete and Ready To Use
- Shipping weight 1 lb.

Filters

Olson TV Noise Filter

Olson AA-145
\$1.79



- Connects in TV Antenna Line
- Suppress Picture Interference

Greatly suppresses interference caused by auto ignition, oil burners, appliances, neon signs, electric shavers and X-ray. Easy connection, no internal wiring required. Size 2 1/4" x 1 1/2" x 1/4". Shpg. wt. 1/4 lb.

Plug-In Noise Filter

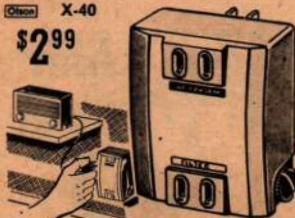


\$1.98 **Olson PL-151**

- Eliminates Unwanted Line Interference
- Just plug the Olson noise filter into the wall outlet and plug your radio or TV into the filter. Eliminates interference caused by appliances, electric shavers, fluorescent lights, etc., that is transmitted along the electric lines. Sizes 2 1/4" L. x 1 1/4" dia. Shipping weight 1/4 lb.

Noise Filter For Radio, TV and Stereo

Olson X-40
\$2.99



- Eliminates Interference Caused by Household Appliances
- Plugs Directly Into Wall Outlet
- Fuse Protected
- External Grounding Terminal
- Easy Plug-In Installation
- Shipping weight 1/4 lb.

Ant. Mtg. Hardware

Olson TV-FM Plug & Socket



Olson AA-357
4 for \$4. **\$1.19**

- Kit of 3 Pairs For TV-FM Lead-In Extensions Also Ideal for Speaker Wire
- Size: Plug & Socket 1" x 1/2" x 1/4". Shipping weight 1/4 lb.
- M. O. Graffis, 1108 S. 10th St., Pekin, IL 61654, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

Olson TV-FM Plug & Socket



No. AA-170
4 FOR \$4 **\$1.19**

- Kit of 3 Pairs
- Socket mounts on wall or base board. Plug size: 3/4" x 1 1/2". Socket: 1 3/4" x 1" x 1 1/4". Shpg. wt. 1/4 lb.

Olson TV FM Wall Plate



Olson AA-51
\$1.19
3 @ \$1.10
12 @ .99c

- Eliminates Unsightly Wire
- Allows you to put an outlet for 300 ohm TV lead-in wherever you wish. Comes with polarized plug, mounting hardware and complete instructions. Shipping weight 1/4 lb.

Standard TV wall plate with two antenna jacks and one 5 pin rotor jack.

Olson AA-179
3 FOR \$3.90 **\$1.49**

Olson Antenna Mounting Hardware Kit



Olson AA-340
\$3.69

- Includes: 2-33" Masts, 6-3" Standoffs, 2-7 1/2" Stand-offs, 3-Snap-on Stand-offs
- Shpg. wt. 4 lbs.

Antenna Acc.

UHF-VHF Antenna Splitter



Olson AA-247
\$1.49

- Connects One Lead to Both Inputs on TV Set
- Use with black and white or color TV. No signal loss. Shipping weight 1/4 lb.
- Finco UHF-VHF Splitter**
No. AA-184 3 for 7 ea. \$2.59

Olson 72-300 Ohm Antenna Match



Olson AA-198
3 FOR \$5.10 **\$1.98**

- Use in hospitals, apartment houses, etc. to match your TV set to the master antenna system. Converts 72 ohm shielded co-ax cable to standard 300 ohm impedance to match input of TV set. Complete with co-ax connector. Size 3" x 1" x 1". Shipping weight 1/4 lb.

Olson 75-300 Ohm Antenna Splitter



Olson AA-392
\$2.29
2 for \$4.50

- Adapts 75 Ohm Cable to 300 Ohm Input
- Built-in UHF-VHF Splitter for 300 Ohm
- Ideal for Apartment Houses, Hospitals, Offices, Etc.
- Complete With Co-Ax Connector
- Size: 2 1/2" x 2" x 7/8". Shpg. wt. 1/4 lb.

2-Set Couplers

Olson 2 Set Coupler



Olson AA-358
2 FOR \$1.50

79¢

- Efficient Balun Coil Operation
- Permits use of two TV sets or TV-FM sets on one antenna with minimum of loss. Screw type terminals for easy installation to any standard 300 ohm antenna system. Size: 3 1/2" x 2 3/4" x 1/4". Shpg. wt. 1/4 lb.

Olson 300 Ohm UHF-VHF-FM Splitter

With Built-in Two Set Coupler



AA-391
\$2.49

- Low Loss Balun Coil Design
- Connects One Lead-in Wire to Both Inputs on TV Set
- Convenient Screw Terminals
- Also Permits Use of Two TV Sets. (One UHF-VHF) or TV & FM Radio Sets From Antenna
- Size: 2" x 2 1/4" x 7/8". Ship. wt. 1/4 lb.

Finco UHF-VHF 2 Set Coupler



Olson AA-152
\$2.98

- Channel 2 to 83 coupler, full power signal to two UHF or two VHF sets or a VHF and UHF set from one antenna. Ideal for FM, too. Size: 3" x 2 1/2" x 1 1/2". Shipping wt. 1/4 lb.

SAVE!

ROSIN CORE SOLDER



- ★ Large 1 lb. Spool
- ★ 60/40

\$2⁰⁰

Only

with the purchase of TL-435 separately **\$2.79**

ELECTRIC SOLDERING GUN



- ★ Automatic Temp. Regulation —25 to 100 Watts Range
- ★ Instant Heating — Fast Cooling
- ★ Trigger On-Off Switch
- ★ Protused Spot Light
- ★ Pencil Tip

Size: 9 1/4" x 5 1/8". 110x120 volts, 60 cps. Snipping weight 4 lbs.

Lamp Dimmers



A Solid State LAMP DIMMER

- ★ Safe — Easy to Install
- ★ No Wires Just Merely Screws in
- ★ Increases Bulb Life
- ★ Dial the Brightness Needed
- ★ Capacity: 250 watts

Olson X-148
\$5²⁹
2 for \$10

B LIGHT DIMMER

- ★ Replaces Standard Wall Switch
- ★ For 110 to 120 Volt 60 cps.
- ★ Power Capacity 600 Watts

Olson X-48
\$5⁴⁹

PENCIL SOLDERING IRON

Olson TL-448 \$1⁹⁹



- ★ Tip Temp. 250°

30 watt soldering iron features sturdy construction and small pyramid type point. The handle is made of break resistant bakelite. Size: 9 1/4" long overall, 1 1/4" dia. at widest point. For 110-120 volts AC, 50/60 cps. Shipping wt. 1 lb.

LIGHT WEIGHT SOLDERING HEAT SINK

Olson TL-514



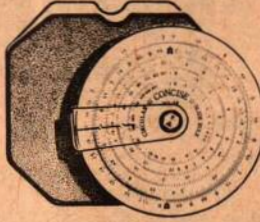
99^c

- ★ Insulated Handle
- ★ Spring Type
- ★ Protects Semi-Conductors From Heat Damage During Installation

Shipping weight 1/4 lb.

CIRCULAR SLIDE RULE

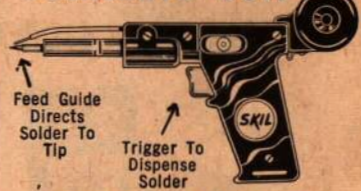
A Shirt Pocket Calculator



Conversion table for volume, weight, length, velocity and energy. Only 3 3/4" in diameter. Shipping weight 1/4 lb.

Olson TL-397 **\$3⁴⁹**

SKIL SELF-FEEDING SOLDERING GUN



Feed Guide Directs Solder To Tip

Trigger To Dispense Solder

Ideal for Solid State Circuitry

Olson TL-527 **\$6⁹⁸**

- ★ Allows One Hand Operation, Frees Other Hand to Handle Work
- ★ 45 Watt Heating Element
- ★ Holds 10' of Solder
- ★ Small Chisel Type Tip
- Operates on 110-120 V. A.C., 60 Hz. Shipping weight 3 lbs.

Olson SOLDERING PISTOL



Olson TL-477 **\$2⁶⁹**

Sturdy 30 watt soldering pistol features small pyramid type point. For 110-120 volts AC, 50/60 cps. Shipping weight 1 1/2 lbs.

EPOXY GLUE

\$1⁰⁰



Bonds iron, steel, china, aluminum, wood, ceramics, most plastics. Shipping wt. 1/4 lb.

Radio & TV Service, R. F. D. #2, Defiance, O. 43512, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

BVI

ELECTRIC PENCIL

- ★ ETCHES ON METAL, PLASTIC, WOOD, ETC.



Built-in mercury switch turns the electric pencil off when you lay it down, starts when you pick it up. Permanently identifies tools, etc. Operates on 110-120 volts AC, 50/60 cps. Overall length, 5 1/2". Shipping weight 1 lb.

Olson TL-475 **\$6⁹⁵**

M NITORCH



- ★ 3500° Pinpoint Flame.
- ★ Complete with Soldering Tip
- ★ 1/2 Hour Fuel Charge For Soldering, Brazing, Pipe Sweating, Etc.
- ★ Includes 2 Fuel Carts and Supply of Solder

Size: 5 3/4" L. x 7/8" D. Shpg. wt. 1 lb.

Olson TL-515 **\$3⁹⁸**

Extra Fuel Cartridges, Pkg. of 4
Olson TL-516 \$1.19

Olson POWER CONVENIENCE CENTER



Olson SW-397 **\$3⁹⁸**

- ★ Master on/off switch
- ★ Indicator light

Six available AC Outlets from one. Heavy duty cable. Master on/off switch. Size: 7" x 4" x 1 1/2". Indicator light. Shipping weight 3 lbs.

LUTRON

MOTOR SPEED CONTROL



- ★ Controls Speed of Saws, Drills, Buffers, Sanders, Etc.
- ★ Also Suitable for Mixers, Blenders, Etc.
- ★ For All AC/DC Motors to 5 Amp.
- ★ Fuse Protected
- ★ Has 3-Wire Cable and Plug
- 110-120 Volts AC, 60 cps. Shipping weight 4 lbs.

Olson MQ-219 **\$12⁹⁵**

Luminex Personal Portable Lamp

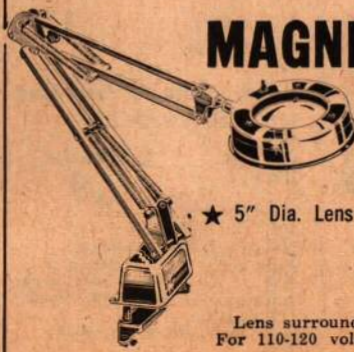


Olson EA-96 **\$15⁹⁸**

Handsome Addition To Any Decor

- ★ Ideal for Office, Study, Den, Home, Etc.
- ★ Swings, Stretches, Swivels
- ★ Spring Control Keeps Perfect Balance
- ★ Specially Designed Shade is Air Cooled & Gives 3 Times More Light From Standard Light Bulb
- ★ Weighted Base has Woodgrain Insert
- ★ Light Easily Glides to Any Position & Holds It
- ★ 22" Arm Reach
- Uses ordinary lamp light bulb (not supplied). Operates on 110-120 volts AC, 60 Hz. Shipping weight 7 lbs.

MAGNIFIER LAMP



Olson EA-52

\$29⁹⁸

★ 5" Dia. Lens

- ★ Turns In a Full Circle
- ★ With Tube
- ★ Four Power Magnification
- ★ Expands to 45"

Lens surrounded by a 22 watt fluorescent tube. For 110-120 volts. Shipping weight 8 3/4 lbs.

**4 IN 1
POCKET
SOCKET**



YOUR CHOICE

- ★ Only 4½" Long
- ★ Butyrate Handle
- ★ Two Sizes Replace 8 Regular Sockets
- ★ Bright Chrome Finished Steel
- ★ Shipping weight ¼ lb.

LIMITED QUANTITY

\$2.29 REG. **\$3.98**

Olson TL-507
3/16"-7/32" 9/32"-11/32"
— OR —
Olson TL-510 1/4"-5/16" 3/8"-7/16"

SALE

Olson
**5 PIECE
TOOL SET**



Olson
TL-474

88¢ REG. **\$1.19**

Kit contains 2 miniature screw drivers. One with built-in wire stripper. 1 phillips screw driver. 1 drill and 1 awl. Length 4". Shipping weight ¼ lb.

TAPE WITH-A-GRIP



Olson
TA-520

99¢

- ★ Two Faced Pressure Sensitive Tape
- ★ For Fastening Anything to Any Smooth, Clean Surface
- ★ Shipping weight ¼ lb.

Olson
TL-538

**QUICK STRIP
WIRE
STRIPPER**

99¢



- ★ Strips 12-22 ga. wire
- ★ Lightweight — Easy to Use
- ★ For Solid and Stranded Wire
- ★ Ideal for Serviceman, Production men, Handy Man, Etc.
- ★ Size: 3½" L. x ¾" Dia. Shpg. wt. ½ lb.

Olson

**13 PIECE
DRILL SET**

- ★ High Carbon Steel
- ★ Full Length Shafts
- ★ Sizes From 1/16" to ¼"
- ★ Sturdy Metal Case
- ★ Shipping wt. ½ lb.



Olson
TL-520

\$1.19

**Olson 7-PC.
DRIVER SET**



Olson
TL-174

\$2.98

Insulated color size keyed shafts. In sizes: 3/8", ¼", 3/16", 1/8", 3/32", 1/16" and 1/32". Shpg. wt. ¼ lb.

**Olson 4 IN 1
SOCKET
WRENCH**



Olson
TL-526

\$3.59

- ★ Self-Adjusting
- ★ Shock-Proof Insulated Handle
- ★ Automatically selects the right socket to fit four different sizes of hex head bolts or nuts, from 3/4" - 1/4". Just press and turn. Tempered steel sockets and springs. Size: 8¼" x 1". Shipping weight ½ lb.



DYMO
LABEL MAKER

- Instant Labels For Any Occasion LABEL-ETTE
- ★ Makes Permanent, Self-sticking, Embossed Labels
 - ★ Great for School, Office, Garden, Home, etc.
 - ★ Uses 3/8" Tape
 - ★ Easy to Use

Anyone can use it. Embossing wheel has 36 characters, A-Z, 0-9, plus /and. Size 4¼" x 2¼". Shpg. wt. 2 lbs.

Olson **\$1.29**
TL-531

12' TAPE CARTRIDGES \$1.25
3 FOR \$3.12

- | | | |
|-----------------------------------|-------|--------|
| Red | Olson | TL-536 |
| Black | Olson | TL-537 |
| PKG. OF 16 TAPE STRIPS 49c | | |
| Red | Olson | TL-532 |
| Black | Olson | TL-533 |
| Green | Olson | TL-534 |
| Blue | Olson | TL-535 |

Olson
**Color TV Tuner
CLEANER &
LUBRICANT**



Olson **\$1.29**
TL-459

Cleans and lubricates contact points on TV tuners, relays, switches, generators, etc. Also restores carbon controls. Fine spray 2 or 3 seconds, will give long lasting results. Does not contain Carbon Tet. Shipping wt. ½ lb.

**18-PC. HEX KEY
WRENCH SET**

Olson

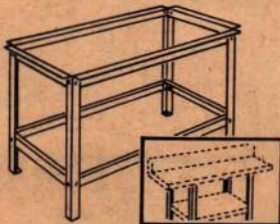
TL-485

\$1.49



18 wrenches, .050 to 9/16". Made of fine quality tool steel. Handy plastic pouch has separate compartments for long and short wrenches. Shipping weight 1½ lbs.

**ALL PURPOSE STEEL
BENCH FRAME**



Olson
KB-98

\$6.98

Predrilled. Two or more frames may be combined. Size: 22½" x 47½" x 34" high. Pre-finished. May be shipped parcel post to all cities. Shipping wt. 17½ lbs.

**Olson 6-PIECE
SCREWDRIVER
KIT**

Olson
TL-455

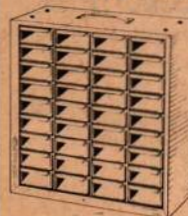
\$3.29



High quality jeweler's screw-drivers with carbon steel blades. Sizes from 1/32" to 5/32" wide. Shpg. wt. 1 lb.

Beckman's TV & Radio Serv., Box 217, Cardwell, MO 63829, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

**36 DRAWER
PARTS CABINET**



Olson
CA-462

\$8.98

2 for \$16

- ★ Clear See-Thru Drawers
- ★ Sturdy Steel Frame Construction
- ★ Rugged Carrying Handle
- ★ Can Be Placed On Shelf, Mounted On Wall or Stacked
- ★ Just the Thing to Protect or Store Hobby Items, Hardware, Household Items, Etc.
- ★ Includes Drawer Dividers
- ★ Size: Drawers 2¾" W. x 5¾" L. x 1¼" H. Cabinet 13" W. x 6½" L. x 13½" H. Shipping wt. 10 lbs.



DYMO
**LABEL MAKER
TAPE CARTRIDGES**

- ★ ¼" Wide
- ★ 6 Ft. Length

Your Choice **75¢** ea.

- | | |
|--------------|--------------|
| TL-417 Black | TL-419 Clear |
| TL-420 Blue | TL-418 Red |



HEX KEY TOOL



\$1.98

- ★ 8 Key Sizes From .050 thru 5/32
- ★ Best Quality Chrome Nickel Alloy Steel
- ★ Scientifically Hardened and Tempered
- ★ Beveled Ends Slip Easily into Screws.
- ★ Easy-to-Grip Handle 3" long. Shpg. wt. ¼ lb.

Olson Electronics 61

SALE

Power Transistor Sockets



TR-150
99¢

Reg. \$1.19

- ★ For TO-3 Case
 - ★ Package of 2
 - ★ Tapped 6-32 Mounting Holes
- Shipping weight ¼ lb.

Olson CIR-KIT Printed Circuit Kit

★ "Sticky-Wire"

Olson KB-189

\$3.99

Reg. \$4.99
Limited Quantity



Make your printed circuits the easy way, no chemicals no etching. Just place the copper strips in place on the board, drill where required and you're ready to mount components. 15' of ¼" wide, self-sticking, copper strip is supplied with the kit plus a 4" x 6" sheet of copper. Circuit board is 1 1/8" x 6". (May be easily cut to size). Shipping wt. ½ lb.

COMPUTER CIRCUIT BOARDS

Package of 10 Boards

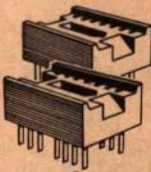


Olson X-144
\$1.99

3 Bags \$5.37

- ★ Each Board Loaded With Quality Parts
 - ★ Includes Transistors, Precision Resistors, Capacitors, Inductors, Etc.
 - ★ Printed Circuit Boards Can Be Re-used for Experimental Circuits
 - ★ An Outstanding Value For Any Experimenter
- Shipping weight 1 lb.

INTEGRATED CIRCUIT SOCKETS



Olson TR-149

98¢

- ★ For 14-16 Pin Hybrid Pkgs.
- ★ Dual In-Line Mounting
- ★ Accepts Round or Flat Pins
- ★ Package of 2

MOTOROLA IC EXPERIMENT KIT



Olson TR-139

\$3.95

- ★ 5 Popular Circuits
- ★ IC Cross Reference Guide
- ★ Tips on Using IC's Booklet
- ★ Includes: J-K Flip Flop, Dual Buffer, 4-Input Gate, 2-Dual 2-Input Gates

MOTOROLA FET EXPERIMENTER KIT



★ 9 Project Circuits

★ FET Cross Reference Guide

★ "Tip on Using FET's" Booklet

\$3.95

Olson TR-148

- ★ Includes one N Channel Audio FET, One N Channel RF FET, One NPN, One PNP Silicon Transistor
- Shipping weight: ¼ lb.

RCA POLICE, FIRE, & AIRCRAFT CONVERTERS

INTEGRATED CIRCUIT (IC) PROJECT KITS

YOUR CHOICE \$10.95

- ★ Ideal for Experimenter or Hobbyists
- ★ Easy Step-by-Step Construction
- ★ Includes All Components & Pre-drilled Circuit Board
- ★ All You Need is A Soldering Iron
- ★ Converts Standard AM Radio to Hear Police, Fire, Etc., Without Connecting to AM Radio
- ★ Sensitive, Dependable Circuit
- ★ Operates on 9 Volt Battery (Not Included)

HEAR: AIRCRAFT. 118-136 MHz **Olson KB-222**
 SPACE RESEARCH. 134-150 MHz **Olson KB-223**
 POLICE, FIRE. 148-164 MHz **Olson KB-224**
 POLICE, WEATHER. 160-175 MHz **Olson KB-225**

- AC Power Supply Kit for Above **Olson KB-221** \$10.95
- 9 Volt Battery (1 req'd.) **Olson BA-89** 21c
- Pencil Soldering Iron **Olson TL-448** \$1.99
- RCA Hobby Circuits Manual. Over 60 Solid State Projects **Olson B-321** \$1.95

EPOXY REPLACEMENT TRANSISTORS YOUR CHOICE 99¢

5 Selected Transistors Replace Over 6,000 FOREIGN & DOMESTIC ★ Package of 2

Olson TR-131 P.N.P. General purpose low noise amplifier. Breakdown—60 volts, gain 100-300 at 150 ma. Frequency—200 mc. Replaces: 2N43, 2N44, 2N59, 2N60, 2N65, 2N104, 2N109, 2N291, 2N311, 2N486, 2N563 plus 100's more.

Olson TR-132 P.N.P. High speed switch, amplifier and oscillator. Breakdown—20 volts, gain—30 at 10 ma. Frequency—400 mc. Replaces 2N63, 2N64, 2N78, 2N106, 2N128, 2N130, 2N146, 2N175, 2N207, 2N217, 2N220, 2N265, 2N344, 2N405, 2N409, 2N482, 2N501 plus 100's more.

Olson TR-138 N.P.N. R.F. and I.F. amplifier. Breakdown—70 volts, gain 50 to 200 at 10 ma. Frequency—250 mc. Replaces 2N103, 2N117, 2N118, 2N194, 2N211, 2N213, 2N216, 2N228, 2N233, 2N263, 2N292, 2N306, 2N433 plus 100's more.

Olson TR-134 N.P.N. High speed switch. Breakdown—40 volts, gain—30-120 at 30 ma. Frequency—350 mc. Replaces: 2N706, 2N707, 2N708, 2N717, 2N719, 2N743, 2N744, 2N834, 2N835, 2N852, 2N920, 2N708 plus 100's more.

Olson TR-135 N.P.N. General purpose amplifier and switch. Breakdown—60 volts, gain—100-300 at 150 ma. Frequency—250 mc. Replaces: 2N1964, 2N1965, 2N2220, 2N2221, 2N2222, 2N2310, 2N2312, 2N2316, 3N2350, 2N2364, 2N2396, 2N3642 plus 100's more.

MOTOROLA PNP POWER TRANSISTOR



89¢ ★ TO Case ★ Mfgs. Type: HEP 230

- ★ 5 Amp Capacity
 - ★ 90 Watts Power Dissipation
 - ★ Germanium Type
- Replaces: SK 3009, GE 3, DS 520, TR-01, and many more popular types. Shipping weight ¼ lb.

HIGH FREQUENCY FM TRANSISTORS

99¢ PKG. OF 2

PNP high frequency reliability made by Post Alloy defused technique. Replaces many popular transistors without circuit changes. Shipping wt. ¼ lb.

POWER TRANSISTORS



Olson TR-15 \$1.00
3 for \$3.00

A general replacement for high, medium and low wattage types such as 2N234, 2N234A, 2N235, 2N235A, 2N235B, 2N236, 2N36A, 2N36B, 2N342, 2N285, 2N285A, 2N307A, 2N352, 2N353, 2N399, 2N400, 2N401, 2N669.



YOUR CHOICE \$1.00

Olson 25B474 PNP Med. Power Transistor



\$2.69

The most popular output transistor used in imported amplifiers and receivers. Germanium type. PNP transistor in TO66 case. Shipping weight ¼ lb.

12 PNP TRANSISTORS
General Purpose Audio
MADE IN USA **Olson TR-25**
8 PNP TRANSISTORS
High Frequency AUDIO
Olson TR-24 BAG OF 8

PNP and NPN TRANSISTORS



\$1.49

★ Big Pack of 8 (4-PNP + 4-NPN) Contains 4 PNP and 4 NPN general purpose audio transistors. New with full length leads. Replace many popular transistors without circuit changes. Shipping weight ¼ lb.

SOLAR CELL KIT



Olson TR-153

\$1.98

Kit of 10 assorted selenium photo cells. Output from ¼ to ½ volt. Current output from 250 micro amps to 5 ma. Shpg. wt. ¼ lb.

Transistor Bonanza



★ 8 Assd. PNP & NPN Transistors
★ 8 PNP Hi-Frequency Audio Trans.
★ 12 PNP Gen. Purpose Audio Transistors
★ Handy Utility Box

Olson AS-374 \$4.49

UTILITY BOX

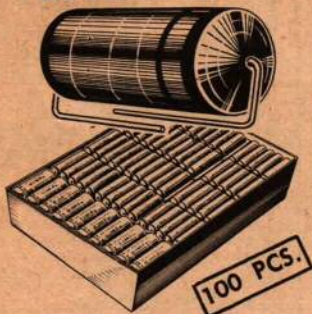


★ With Recessed Handle

- ★ Size: 4 3/4" x 11" x 3 3/4" H.
- ★ Ideal for Parts Storage
- ★ "LIFETIME" Lab Tested Hinge
- ★ Great For: Papers, Hobby Items, Fishing Tackle, Etc. Shpg. wt.

Olson CA-408 - 2 for \$2.58 - \$1.49

Olson 100 PIECE CAPACITOR KIT



- ★ 600 WVDC
- ★ First Quality
- ★ Popular Assortment
- ★ Insulated Jackets
- ★ Long Flexible Tinned Leads

C-206

\$6.49

Q'ty	MFD
10	.001
10	.002
10	.005
20	.01
20	.02
20	.05
10	.1

Shpg. wt. 2 lbs.

TOP QUALITY TUBULAR CERAMIC CAPACITORS



Most are rated at 600 volts or more. Standard color code throughout. Order now and save at this low price. Shipping weight 1/4 lb.

100 PIECE CERAMIC CAPACITOR KIT



Most are rated at 600 volts or more. Standard color code throughout. Order now and save at this low price.

Shipping weight 1/4 lb.

TOP QUALITY CAPACITORS

Olson ELECTROLYTIC CAPACITORS

Your Choice **\$1.39** ★ For Low Voltage Applications

100 MFD @ 50 V., Pkg. of 3, No. C-216
 500 MFD @ 50 V., Pkg. of 2, No. C-217
 1,000 MFD @ 50 V., Pkg. of 1, No. C-218
 2,000 MFD @ 50V., Pkg. of 1, No. C-225

COSMIC CAPACITORS
 1500 MFD @ 12 V., Pkg. of 1
 Olson C-226 99c
 100 MFD @ 150 V., Pkg. of 1
 Olson C-227 2 pkgs. for \$1

100 PIECE CAPACITOR KIT



Values may range from .001 mfd. to .5 mfd., at voltages from 100 to 600 volts. Condensers cost you less than 2c each. Shipping weight 2 lbs.

Olson MINIATURE MYLAR CAPACITOR KIT

Olson C-232 **\$3.29**

4 pkgs. @ \$3.00 Ea.

- ★ Ideal for Solid State Circuits
- ★ Kit of 27 Popular Values
- ★ All Rated @ 50 WVDC

KIT CONSISTS OF 3 EACH:

.001	.01	.1
.002	.02	.2
.005	.05	.5

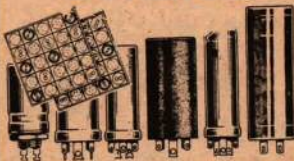
Sizes: Min. 3/16" x 3/16", max. 3/8" x 3/4". Shipping weight 1/4 lb.

PRINTED CIRCUIT ELECTROLYTIC



50-30 MFD Only 3/4" in dia. by 2 1/4" H. Terminals fit directly into printed circuit board.
49c ea. **5 For \$2**

ELECTROLYTIC CAPACITORS

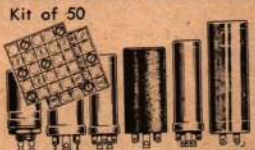


★ Assorted
 ★ FP and Twist Lock
 Olson C-214 **\$2.99**

F. P. and twist-lock electrolytic capacitors at an average cost of 15c each. Kit contains 20 assorted single, double and triple capacity electrolytics. Shpg. wt. 7 lbs.

L. A. Chuck, 1414 S. 25th Street, Manitowoc, WI 54220, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

ELECTROLYTIC CAPACITORS



★ Assorted AS-418

F. P. and twist-lock electrolytic capacitors at an average cost of 10c each. Kit contains 50 assorted single, double and triple capacity electrolytics. Shipping weight 7 lbs.

\$5.19



Miniature Polystyrene Capacitor

Your Choice **\$1.19** 4 Pkgs. for \$4

- ★ Great where temperature is a problem
- ★ High Insulation Resistance
- ★ 2 Popular Values
- ★ Package of 5
- ★ Only 3/8" L x 1/4" Dia.
- ★ Rated at 125 WVDC

Shpg. wt. 1/4 lb.

SPRAGUE 3-SECTION ELECTROLYTIC CAPACITOR



★ Popular Replacement in TV's, Etc.
 ★ FP Type
 ★ Twistprong Mtg W/Solder Terminals
 ★ 200 Mfd. @ 300 WVDC, 100 Mfd @ 175. 30 Mfd. @ 150 V.
 Size: 3 1/2" L x 1 1/4" Dia. Shpg. wt. 1/2 lb.

Olson C-236 **\$1.79**
 2 for 3.10
 10 for \$15

1/2 Price SALE



100 PIECE RESISTOR KIT

Olson R-77 **83c**
 Reg. \$1.66

★ Standard Color Codes 1/4, 1/2, 1 and 2 watt. Shipping weight 2 lbs.
 50 Pc. Resistor Kit Olson R-88 .50c

RESISTORS

20 Piece Power Resistor Kit

Olson R-82 **99c** 4 FOR \$3.50
 PER KIT



Wattage range from 3 to 25 watts or more. This is a real value for the experimenter or serviceman. Shpg. wt. 2 lbs.

SAVE

Get Both Kits, R-62 & R-63

R-64 **\$3.29**
 6 @ \$2.98 ea.

CARBON RESISTORS

★ 20 Most Common 1 Watt Kit of 20

Olson R-63 **\$1.98**

6 @ \$1.69 Shpg. wt. 1/2 lb.

OHMS

10	1.5 K
15	4.7 K
22	10 K
33	15 K
47	47 K
100	100 K
150	150 K
330	330 K
470	470 K
1 K	1 M



1/2 W. CARBON RESISTORS

★ 30 Most Popular Values Kit of 30

R-62 **\$1.98** 6 @ \$1.69

OHMS

10	1 K	68 K
15	1.5 K	100 K
22	2.2 K	150 K
33	4.7 K	220 K
47	6.8 K	330 K
100	10 K	470 K
150	15 K	1 meg.
220	22 K	1.5 meg.
330	33 K	2.2 meg.
470	47 K	10 meg.



Shpg. wt. 1/2 lb.

SALE



Dynamic ELECTRIC PH-179 TELEPHONE INDEX

NOW ONLY \$369

- ★ Illuminated for Easy Viewing
- ★ Eliminates Bother of Phone Book
- ★ Fast, Easy Push-Button Selection
- ★ Rugged Plastic Cabinet
- ★ Operates on 110-120 V. AC

Size: 8½" x 6" x 5".

TELEPHONE HANDSET AND HANGER



★ Complete With Elements
★ Includes Coiled Cord
★ Used
★ Built-in Switch

AS-299
\$1199

Handset Only PH-160 Reg. ~~\$12.99~~ \$6.99
Hanger Only PH-161 Reg. ~~\$7.99~~ \$5.99

Shpg. wt. 2 lbs.

"VALET" TELEPHONE ANSWERING MACHINE



★ Valet Gives Calling Party Your Message
★ Incoming Message is Recorded
★ 30 Second Recording Time
★ Easy Installation. No Wires to Telephone
★ Solid State Circuitry

Size: 10¼" x 8½" x 2¾". Operates on 110-120 volts AC. Shpg. wt. 9 lbs.

Blank Tape Cartridge for Above \$4.95 ea.

30 Sec. TA-566	2 Mins. TA-568	1 Min. TA-567
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DECORATOR PHONES

PETITE PHONE



USED PH-64 **\$24⁹⁸**

- ★ Non-Skid Rubber Pad on Bottom
 - ★ Add an Extension Phone Anywhere You Need One
 - ★ Complete with Standard Plug, Less Bells.
- Shipping weight 5 lbs.



ONE PIECE PHONE

PH-176
\$39⁹⁸
Less Bells

Dial is in base. Light weight, with coil cord, dial, induction coil and instructions. Brand new, factory boxed. Size: 9" H. x 4½" x 4". Less bells. Shpg. wt. 2 lbs.

THE "FLIRT"

PH-167
\$44⁹⁹



Convenient and modern "Fold-up to hang-up." Built in dial. Complete with plug. Ideal for bedroom, kitchen or anywhere you need an extension phone. Shpg. wt. 3 lbs.

DELUXE TELEPHONE



PH-184
\$49⁹⁸

- ★ Modern — Convenient
 - ★ Complete with Dial, and Bell
 - ★ "Recall" Button Hangs-Up Phone Without Replacing Handset on Base
 - ★ Ideal for Bedroom, Kitchen, Den
- Shipping weight 6 lbs.

TELEPHONE AMPLIFIERS

SLIP-ON ASTRO COM PHONE AMPLIFIER



PH-150
\$7⁹⁸

- ★ Fits All Standard Telephones
 - ★ Amplifies Sound From Receiver
 - ★ Built-in Volume Control
 - ★ Solid State Circuitry
- Shipping weight 3 lbs.



TRANSISTORIZED PHONE AMPLIFIER



PH-100
\$14⁹⁵

- ★ Easy To Use
 - ★ Adjustable Volume Control
 - ★ Hand-Free Conversation
 - ★ 4 Transistor Circuit
- Size: 10¼" x 4½" x 3¼".
Speaker: 3½" x 3¼" x 2". Shipping weight 4 lbs.
- Extra Batteries (1 Req'd.) BA-89, 21-

EXTENSION PHONES



PH-61
\$8⁹⁸

- ★ Factory Tested Used, Dial Phones
 - ★ Use As Extension In Any Location
- Save money! Install your own extension phone or make your own intercom. Commercial dial phones include dial, handset, base. Shipping weight 7 lbs.
- Model PH-187 Illustrated
- PH-117 Deluxe Phone \$10.98
PH-187 Deluxe Late Model Phone \$22.98



WALL PHONE
PH-155
\$11⁹⁹

- ★ Handset With Stretch Cord
- ★ Used, Factory Inspected
- ★ Styles May Vary

A very good quality wall handset which is at home in any setting. Suitable for home-built intercom, great as a low cost extension telephone. Shipping weight 8 lbs.



WALL PHONE
PH-188 AS 15
\$3⁹⁹

- ★ Used Phone With Dial
 - ★ Easy To Hang On Wall
 - ★ Styles May Vary
- Use this dial telephone to make your intercom.

Sorry we cannot guarantee these to be in working condition. Some work — some don't! But for the price, they're a terrific parts bargain. Shipping weight 8 lbs.

TELEPHONE ACCESSORIES

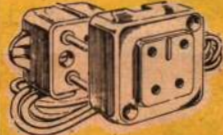
TELEPHONE PLUGS & JACKS



69c ea. Your Choice 2 for **\$120**

A Phone plug PH-121
B Phone Jack PH-120
Shipping weight 2 lbs.

25' EXTENS. TELEPHONE CABLE



W-442
\$229

- ★ Durable Vinyl Insulation
 - ★ Standard 4 circuit plug & jack
- Shipping weight 2 lbs.

TELEPHONE ELEMENTS



PH-164
\$169

- USED Styles May Vary
- ★ Pkg. 1 ea. F1 Transmitter and HA-1 Receiver
 - ★ Replaces Elements In Older Phones
- Shipping weight ¼ lb.

TELEPHONE WALL JACK



PH-118
\$159

For 2, 3 or 4 wire systems. Fits standard wall conduit boxes. Takes PH-121 plug. Shipping weight ½ lb.

TELEPHONE DIAL



PH-163
\$298

- USED
- ★ Standard Telephone Dial with Letters and Numbers
- Shipping weight 1 lb.

COILED HANDSET CORD



W-572
99^c

- ★ Expands to 6'
 - ★ 4 Conductors
- 4 for \$3.50
- Ideal replacement for W.E., A. E., North Kellogg and Str. Cal. phones. Shpg. wt. ¼ lb.

INTERCOM SYSTEMS Wireless and Wire

CONVENIENT - EASY TO USE - HOME - OFFICE - BUSINESS

FANON TWO-STATION EXPANDABLE INTERCOM

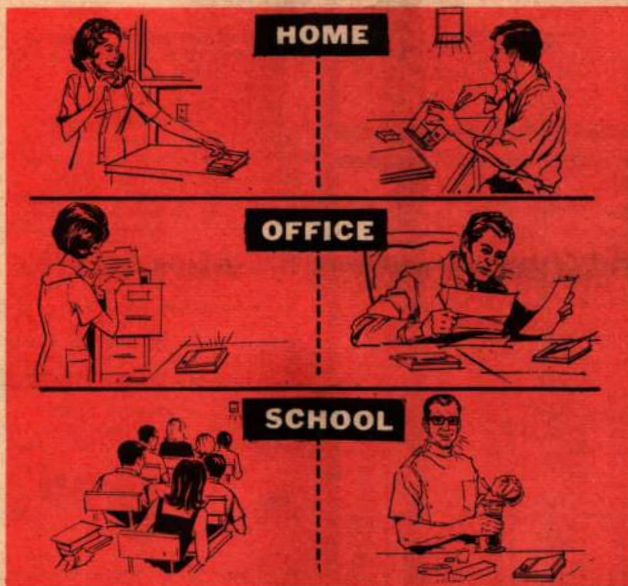
Olson
AM-392

\$19⁹⁵



- ★ Ideal for Home or Office
- ★ Advanced Solid State Circuitry
- ★ Simple Plug-In Installation
- ★ With 50' of Connecting Cable

Remote can signal even with system off. Beautiful ivory and brown finish with walnut wood-grain accents. Hands-free operation. Size: 7" x 3½" x 2". Shpg. wt. 4 lbs. Operates on 110-120 volts AC. 50/60 Hz.



Olson 2-STATION INTERCOM SYSTEM



Olson
AM-252

\$9⁹⁸

- ★ Low cost communication for home, trailer, camper, shop, patio
- ★ With 66 ft. of lightweight cable

Easy to wire, everything included! Plugs, tape, even wire tacks! One master and one remote. Special tone calling circuit works even with power off. Shipping weight 2 lbs. Size: (Each unit), 3"x1¼" H. x 4" D.

BOGEN

ALL MASTER TELEPHONE INTERCOM



Olson
AM-156

\$29⁰⁵

This Bogen Model TQ6A allows a total of 7 instruments to be used in a system. Any station can call any other station. 6 pushbuttons. Less cable and power supply. Shpg. wt. 4¼ lbs.

117 V. AC Transformer Power Supply (1 reqd.) Shpg. Wt. 5¼ lbs. AM-157 \$25

Complete System, 7 AM-156 and 1 AM-157, Shpg. Wt. 40 lbs. AS-657 (*\$15 Monthly) \$207

Cable, 10-Conductor. Shpg. Wt. 20 lbs. Per 100 Ft. No. W-536 \$9.98

Olson 4-STATION INTERCOM SYSTEM



Olson
AM-308

\$19⁹⁸

- ★ Master and 3 Remote Stations
- ★ 9 Volt Battery Included
- ★ Cable Connects All Stations

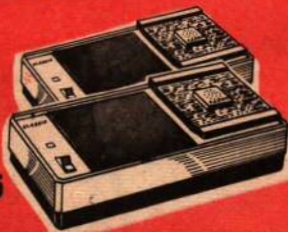
Master station has volume control and 4-way selector switch. Remote stations can call master station even with power off. Size: master: 4½" x 3½" D. Remotes: 2" W. x 4" D. Shpg. wt. 3 lbs.

NO WIRE



Olson
AM-393

\$31⁹⁵



2-STATION WIRELESS INTERCOM

- ★ Advanced Integrated Circuit
- ★ Special Built-In Noise Filter
- ★ Capable of Two-Channel Use

Needs no cable. Just plug them into your home electrical outlets! Your house wires carry the signal. Two handsomely designed units. Size: 7" x 3½" x 2". Units operate on 110-120 volts AC. (Same circuit). Shipping weight 4 lbs.

JUST PLUG & PLAY

- ★ Uses House Wiring, Needs No Cable
- ★ Trouble-Free Solid State Circuitry
- ★ Lock Button for Continuous Monitor



Olson
AM-366

\$28

Olson DELUXE TWO-STATION WIRELESS INTERCOM

Our own design in a compact, handsomely styled two-station intercom. Just plug the units into any outlet in your house wiring system and talk between them! Size 5½" W. x 5" D. x 1½" H. Shpg. wt. 5 lbs. Operates on 110-120 volts AC. 50/60 Hz. (Same line circuit).

WIRELESS

Olson

COMPACT WIRELESS INTERCOM



Olson
AM-381

\$25

- ★ No Cable To Install, Just Plug Into Any Outlet in Same Circuit
- ★ Built-in Indicator Light

Compact, durable cases which actually adds to decor of kitchen, bedroom, patio. Your house wiring carries the signal. Saves you steps AND money. Size: 3½" W. x 5½" D. x 1¾" H. Shpg. wt. 4 lbs. Operates on 110-120 volts AC. 50/60 Hz.

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 65



SALE

COLOR TV TUBES

Tube	Reg.	SALE
1BC2	\$1.16	.96
5AT8	1.78	1.40
6BK7	1.96	1.56
10GK6	1.38	1.04
12GN7	2.26	1.86



FREE TUBE TESTING in Your Local Olson Store 1 YEAR GUARANTEE

Guaranteed for a full 12 months from the date of purchase. We will replace any defective tube (exclusive of freight charges) within the guarantee period. This does not apply to broken tubes or burned outfilaments.

TUBE TYPE	PRICE EACH	TUBE TYPE	PRICE EACH	TUBE TYPE	PRICE EACH	TUBE TYPE	PRICE EACH	TUBE TYPE	PRICE EACH
1AD2	1.36	*6AU8	2.26	*6DK6	1.18	*6KA8	1.96	12AX4	1.32
1B3/1G3	1.57	*6AV6	1.08	*6DQ5	3.25	6KD6	3.54	*12AX7	1.12
18C2	1.16	*6AW8	1.78	*6DQ6	1.84	6KDB	1.56	*12AZ7	1.60
*1J3	1.57	*6AX3	1.36	6DR7	2.01	6KE8	2.42	12B4	1.60
1K3	1.57	*6AX4	1.48	6DS4	2.26			12BA6	1.12
1R5	1.78	6AY3	1.48	*6DT6	1.30	6KT8	2.16	12BE6	1.22
1U5	1.36	*6BA6	1.30	*6DW4	1.48	6KZ8	1.62	*12BH7	1.54
1V2	1.15	6BA11	1.96	*6EA8	1.56	6L6GC	2.36	12BY7	1.42
*1X2	1.64	6BC5	1.30	*6EH7	1.55	6L86	3.54	12DQ6	1.98
*2AV2	1.24	*6BC8	1.96	*6EJ7	1.42	6L8E	2.22	12GN7	2.26
2CY5	1.76	6BE6	1.36	*6EM5	1.78	6L8F	2.04	*12HG7	2.26
*3A3	1.78	6BH6	1.60	*6EM7	2.28	6LJ8	1.64	12HL7	1.78
3AT2	1.36	6BJ6	1.62	*6EW6	1.42	6LQ6	3.46	12SN7GT	1.72
3BU8	1.96	*6BK4	3.08	*6FG7	1.84	6LU8	1.90	12X4	.90
*3BZ6	1.48	*6BK7	1.96	*6FM7	1.84	6LY8	1.56	13DR7	2.12
3CB6	.92	6BL7	2.24	*6FQ7	2.18	6ME8	2.26	13EM7	2.14
3DG4	2.36	6BL8	1.08	6GE5	2.28	*6S4	1.48	13FM7	1.60
*3GK5	1.54	6BN4	1.58	6GF7	2.14			*13G7	1.86
3HQ5	2.26	*6BN6	1.80	*6GH8	1.28	*6SN7G	1.60	13T10	2.48
4BZ6	1.48	*6BN8	1.48	*6GK5	1.84			*15KY8	2.02
4CB6	1.08	*6BQ5	1.56	6GK6	1.48	6T8	1.86	17AY3	1.48
4DT6	1.18	*6BQ6	2.16	*6GM6	1.54	*6U8	1.56	17BF11	2.36
*5AQ5	1.48	*6BQ7	2.00	6GN8	1.88	*6V6	1.78	17DM4A	1.62
*5AT8	1.78	*6B8	2.02	6GU7	1.66	6W4	1.64	17DQ5	2.10
5CG8	1.60	*6BZ6	1.24	6GX6	1.28	*6W6	1.32	17JM6	2.36
5KE8	2.42	*6BZ7	2.00	6HA5	1.54	6X4	1.35	*17JN6	2.14
*5U4GB	1.22	*6C4	1.48	6HB7	1.72	6X5GT	1.42	*17J78	1.42
5U8	1.88	*6CB6	1.30	6HE5	1.84	*6X8	1.78	*19AU4	1.74
*5Y3	1.18	*6CD6GA2.66	6HQ5	2.01	6Z10	2.48	19T8	1.96	
6AB4	1.44	*6CG7	1.18	6HS8	1.90	*7AU7	1.24	*21GY5	1.84
6AF3	1.42	6CG8	1.73	*6HZ6	1.20	8AW8	2.14	*22JF6	2.90
*6AF4	1.96	6CL6	1.90	*6J6	1.78	*8FQ7	1.18	23Z9	1.90
6AG5	1.52	*6CL8	1.84	6JB6	2.54	8JV8	1.72	25BQ6	1.74
*6AH6	2.08	6CM7	1.66	6JC6	1.78	10DE7	1.97	25L6	1.48
6AK5	1.80	*6CN7	1.78	6JD6	1.42	10GK6	1.38	*23GY7	2.56
*6AL5	1.18	*6CQ8	1.64	*6JE6	3.46	10GN8	1.96	35C5	1.28
6AM8	1.84	6CU5	1.60	6JH6	1.44	12AQ5	1.40	35W4	.77
6AN8	2.08	6CY5	1.70	6JH8	2.20	*12AT7	1.42	35Z5GT	1.08
6AQ5	1.36	6DA4	1.34	6JM6	2.28	12AU6	1.12	*38H7	2.90
6AS5	1.60	6DE4	1.42	6JN6	2.14	*12AU7	1.24	*50C5	1.22
*6AU4	1.94	*6DE6	1.30	*6J56	3.00	*12AV6	.92	50EH5	1.42
*6AU6	1.17	6DE7	1.78	6J8	1.74	*12AV7	1.84	50L6	1.78

* Denotes tube types used in color TV as well as black & white

Olson SW-394 WIRELESS REMOTE CONTROL \$9.98



- ★ Turns Appliances and Lights Off-On From Anywhere in Your Home
- ★ Sends Control Signals Thru House Wiring
- ★ For TV, Hi-Fi or Appliances
- ★ 500 W. Capacity
- ★ Includes Sender and Receiver
- Size: 5 1/4" x 2" x 1 3/4", 110-120 V. AC. 50/60 cps. Shipping weight 1 1/2 lbs.

Rose City TV Center, 225 Central Avenue, Norwich, CT 06360 wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

RADIATION COUNTER

- ★ Measures Gamma Radiation to 50 Roentgens per Hour
- ★ Detects the Presence of Radio-Active Materials
- ★ Three Ranges: 0-5, 0-5 and 0-50 r/hr
- ★ Detects and Measures the Strength of Radio Activity in Minerals and Other Matter
- ★ Includes a Shoulder Strap
- ★ Operates on self-contained batteries (not included). Size: 7 1/4" x 4 1/2" x 5 3/4". Shpg. wt. 3 lbs.



\$9.99 Was \$14.99. In 271 Cat.

Set of batteries for above, includes 2 "D" size batteries plus a 22 1/2 volt battery. AS-384 \$2.95



FISH LOCATOR DEPTH FINDER MAKES FISHING FUN ELECTRONICALLY

- ★ Locates Fish by Size and Water Depth
- ★ Range 1 to 200 Feet
- ★ Sensitive Solid State Circuit
- ★ Includes Transducer (Search-Coil)
- ★ Detects Submerged Objects
- ★ Alerts With Visual Signal
- ★ Effective Gain and Squelch Control
- ★ Rugged Waterproof Case
- ★ Ideal for Fresh and Salt Water Plus Ice Fishing



Operates on 2 standard 6 volt Lantern batteries (not supplied). Shpg. wt. 10 lbs.



\$99.50

*\$10 MONTHLY

Metal Detectors

FIND HIDDEN TREASURE

COMPACT BUDGET PRICED MODEL

- ★ Locates Buried Coins, Rings, Gold, Etc.
- ★ Lightweight—Easy to Use
- ★ Solid State Circuitry
- ★ Waterproof Search Coil
- ★ Built-in Speaker
- ★ Complete and Ready to Use

Size: overall 32 1/2" D. (stem) 4 1/2" x 6 1/2". Shpg. wt. 8 lbs.

\$29.95

Olson X-130

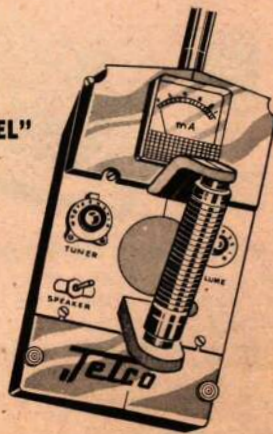
DELUXE "SUPER SENSITIVE MODEL"

- ★ Locates Buried Items, Coins, Gold, Etc. at Greater Depths
- ★ Electronic Tone Sounds Upon Detection
- ★ Dual Water-Proof Search Coils
- ★ Solid State Circuitry
- ★ Lightweight—Easy to Use
- ★ Large Meter for Visual Detection
- ★ High Impact Styrene Cabinet

Size: Overall 42" L. (stem) x 9 3/4" x 5 1/2". Shipping wt. 12 lbs.

\$99.95

Olson X-131 *\$10 Monthly



Westinghouse TUBES



Hundreds of other tube types available at your local **Olson** store

FREE TUBE TESTING AT YOUR LOCAL **Olson** STORE
ONE YEAR GUARANTEE

Brand new. All tubes are guaranteed for a full 12 months from the date of purchase. We will replace any defective tube (exclusive of freight charges) within the GUARANTEE period. This does not apply to broken or burned out filaments.

TUBE TYPE	MFR'S LIST PRICE	YOUR COST	
		1-10 Each	11-up Each
OZ4	\$3.85	\$2.10	\$1.93
*1B3/1G3GT	3.95	2.13	1.98
1BC2	2.90	1.60	1.45
1R5	5.20	2.86	2.60
1U4	3.85	2.10	1.93
*1V2	2.40	1.32	1.20
*2AV2	3.10	1.71	1.55
2CY5	4.85	2.68	2.43
*2HQ5	3.85	2.10	1.93
*3A3/3CY3/3DB3	4.45	2.47	2.23
*3AT2	3.40	1.87	1.70
3AU6	2.95	1.63	1.48
*3AW2A	4.05	2.24	2.03
*3BZ6	3.70	2.02	1.85
3CB6/3CF6	2.30	1.27	1.15
*3DG4	5.90	3.22	2.95
*3GK5	3.85	2.10	1.93
3HM5/3HAS	3.85	2.10	1.93
*3HQ5	5.65	3.10	2.83
3V4	4.45	2.47	2.23
*4BZ6	3.70	2.02	1.85
4GX7	4.60	2.52	2.30
*4JC6	5.05	2.79	2.53
*5AM8	4.90	2.70	2.45
*5AQ5	3.70	2.02	1.85
*5AT8	4.45	2.47	2.23
*5CG8	4.00	2.20	2.00
*5CL8A	4.90	2.70	2.45
5G57	3.85	2.10	1.93
5HB7	3.40	1.87	1.70
5KE8	6.05	3.32	3.03
*5LJ8	4.40	2.42	2.20
5U4B/5A54A	3.05	1.69	1.53
5U8	4.70	2.50	2.35
*5Y3GT	2.95	1.63	1.48
6AF3	4.05	2.24	2.03
*6AF4A	4.90	2.70	2.45
6AK6	2.55	1.40	1.28
6AL3/EY88	2.60	1.43	1.30
*6AL5	2.95	1.63	1.48
6AM8A/6AM8	4.60	2.52	2.30
*6AN8A	5.20	2.88	2.60
*6AQ5A	3.40	1.87	1.70
6AS5	4.00	2.20	2.00
*6AS8	5.35	2.94	2.68
*6AU4GTA/GT	4.85	2.68	2.43
*6AU6A	2.95	1.63	1.48
*6AU8A	5.65	3.10	2.83
*6AV6	2.70	1.49	1.35
*6AW8A/6AW8	4.45	2.47	2.23
*6AX4GTB	3.70	2.02	1.85
*6AY3/6BS3A	3.70	2.02	1.85
*6BA6	3.25	1.79	1.63
*6BA11	4.90	2.70	2.45
*6BC8/6BZ8	4.90	2.70	2.45
6BE6	3.40	1.87	1.70
*6BH6	4.00	2.20	2.00
*6BK4C	7.70	4.25	3.85
*6BK7B	4.90	2.70	2.45
*6BL7GTA	6.05	3.32	3.03
*6BL8	2.70	1.49	1.35
*6BM8	2.90	1.60	1.45
*6BN6/6KS6	4.50	2.49	2.25
6BN8	4.30	2.36	2.15
*6BQ5/EL84	3.90	2.15	1.95
*6BQ6GTB/6CU6	5.40	3.13	2.70
*6RQ7A	5.00	2.75	2.50
*6BR8A	5.20	2.88	2.60

TUBE TYPE	MFR'S LIST PRICE	YOUR COST	
		1-10 Each	11-up Each
*6B8U	5.05	2.79	2.53
*6BZ6	3.10	1.71	1.55
*6C4	3.70	2.02	1.85
6CA4	3.75	2.06	1.83
*6CB6/6CF6	3.25	1.79	1.63
*6CD6GA/G	6.65	3.66	3.33
*6CG7/6FQ7	2.95	1.63	1.48
*6CGBA	4.30	2.36	2.15
*6CJ3/6DW4B	3.70	2.02	1.85
*6CL6	4.75	2.62	2.38
*6CL8A	4.60	2.52	2.30
*6CM7	4.15	2.28	2.08
6CU5	4.00	2.20	2.00
6CX8	5.20	2.88	2.60
6CY5	4.85	2.68	2.43
*6CZ5	4.75	2.62	2.38
*6DE4	4.15	2.28	2.08
*6DE6	3.25	1.79	1.63
6DJ8	4.95	2.73	2.48
*6DK6	3.55	1.95	1.78
*6DQ5	8.15	4.46	4.08
*6DQ6B	5.35	2.89	2.68
6DR7	5.05	2.79	2.53
*6DT6A	3.25	1.79	1.63
*6EA8	3.90	2.15	1.95
*6EB8	5.65	3.10	2.83
*6EH7	3.85	2.10	1.93
*6EJ7	3.55	1.95	1.78
*6EM5	4.45	2.47	2.23
*6EM7/6EA7	5.70	3.14	2.85
*6EU7	3.95	2.17	1.98
6EV5	4.25	2.34	2.12
*6EW6	3.55	1.95	1.78
*6FG7	4.60	2.52	2.30
*6FM7	4.60	2.52	2.30
6GE5	5.70	3.14	2.85
*6GF7A	5.35	2.94	2.68
*6GH8A	3.20	1.76	1.60
*6GJ7	3.10	1.71	1.55
*6GK5	4.60	2.52	2.30
*6GK6	3.70	2.02	1.85
*6GM6	3.85	2.10	1.93
*6GN8	5.65	3.10	2.83
*6GU7	4.15	2.28	2.08
*6GW8	3.05	1.69	1.53
*6GY6	3.20	1.76	1.60
6H6	5.75	3.16	2.88
*6HB7	4.30	2.36	2.15
6HD7	3.30	1.82	1.65
*6HM5/6HA5	3.85	2.10	1.93
*6HQ5	5.05	2.79	2.53
*6HS8	4.75	2.62	2.38
6HT6	2.85	1.57	1.43
*6HZ6	3.20	1.76	1.60
6I5	4.60	2.52	2.30
*6J6A	4.45	2.47	2.23
6JB6A	6.35	3.50	3.18
*6JC6	4.45	2.47	2.23
*6JE6/6LQ6	8.65	4.75	4.33
*6JH6	3.60	1.98	1.80
*6JH8	5.50	3.04	2.75
*6JK8	4.05	2.24	2.03
*6JN6	5.35	2.89	2.68
*6JS6A	7.50	4.13	3.75
6JT6	5.85	3.22	2.93
*6JT8	4.45	2.47	2.23
*6JU8A	4.40	2.42	2.20
*6K6GT	4.00	2.20	2.00
*6KA8	4.90	2.70	2.45
*6KD6	8.85	4.89	4.43
*6KE8	6.05	3.32	3.03

SAVE! WEN SOLDERING GUN

ONLY **\$3.50** TL-435
4.29 VALUE
With Purchase of 8 Westinghouse Tubes

TUBE TYPE	MFR'S LIST PRICE	YOUR COST	
		1-10 Each	11-up Each
*6KM6	8.85	4.89	4.43
*6KT8	5.40	3.13	2.70
*6KZ8	4.05	2.24	2.03
*6L6GC	5.90	3.22	2.95
*6LF8	5.10	2.80	2.55
*6LY8	3.90	2.15	1.95
*6S4A/6S4	3.70	2.02	1.85
6SJ7	5.35	2.94	2.68
6SL7GT	4.90	2.70	2.45
*6SN7GTB	4.00	2.20	2.00
*6T8A	4.70	2.60	2.35
6U8A/6KDB	3.90	2.15	1.95
*6V6GTA	4.45	2.47	2.23
*6W6GT	3.30	1.82	1.65
6X4	3.40	1.87	1.70
6X5GT	3.55	1.95	1.78
*6X8A	4.45	2.47	2.23
*6Z10/6J10	6.20	3.42	3.10
*6AW8A	5.35	2.94	2.68
8B10	4.40	2.42	2.20
*8FQ7	2.95	1.63	1.48
*8JUBA	3.35	1.84	1.68
*10CW5	2.55	1.40	1.28
10DE7	4.90	2.70	2.45
*10GK6	4.45	2.47	2.23
*10GN8	4.90	2.70	2.45
10LZ8/10JAB	4.15	2.28	2.08
11KV8	6.50	3.58	3.25
12AD6	3.50	1.93	1.75
12AT6	2.75	1.51	1.38
*12AT7	3.55	1.95	1.78
12AU6	3.75	2.06	1.83
*12AU7A	3.10	1.71	1.55
*12AV6	2.30	1.27	1.15
12AX4GTB	3.30	1.82	1.65
*12AX7A	2.80	1.54	1.40
*12AZ7A	4.00	2.20	2.00
12BA6	4.00	2.20	2.00
12BA6	2.80	1.54	1.40
12BE6	3.05	1.69	1.53
*12BH7A	3.85	2.10	1.93
*12BY7A/12BY7	3.55	1.95	1.78
12DQ6B	5.35	2.89	2.68
*12DT8	3.55	1.95	1.78
12FX5	3.25	1.79	1.63
*12GN7	5.65	3.10	2.83
12SN7GTA	4.30	2.37	2.15
17AY3	3.70	2.02	1.85
17BE3	3.70	2.02	1.85
17CS/17CU5	3.10	1.71	1.55
17DQ6B	5.55	3.06	2.78
17JM6	5.90	3.22	2.95
17JZ8	3.55	1.95	1.78
21GY5	4.60	2.52	2.30
21JZ6	4.85	2.68	2.43
23Z9	4.75	2.62	2.38
25AV5GA	5.65	3.10	2.83
25L6GT	3.70	2.02	1.85
30KD6	8.05	4.45	4.03
33GY7	6.40	3.54	3.20
*34CE3	3.90	2.15	1.95
35C5	3.20	1.76	1.60
35W4	1.95	1.07	.98
35Z5GT	3.40	1.87	1.70
*50C5	3.05	1.69	1.53
50EH5	3.55	1.95	1.78
50L6GT	4.45	2.47	2.23
7056	2.45	1.35	1.23
7189A	4.40	2.42	2.20
7199	5.65	3.10	2.83

SALE

Westinghouse TUBES

TUBES	REG.	EACH	LOTS OF 6
OZ4	\$2.10	\$1.79	\$1.64
5G57	2.10	1.79	1.64
6CD6GA	3.66	3.30	3.05
12AZ7A	2.20	1.89	1.74
50EH5	1.95	1.70	1.57

SALE

Olson 5 PACK TUBE KIT

Olson A5-533 Reg. \$2.87 **\$1.99**

One each: 85W4, 50C5, 12BA6, 12AV6, 12BE6. Most common types for AC-DC home radios. Shipping weight 1/4 lb.

Westinghouse PILOT LAMP NUMBER 47

*.15 Amps * 6.8 Volts
Olson PL-87 BOX OF 10... **96c**

NE 2 NEON LAMP **Olson** PL-153

4 FOR \$4 **\$1.19**
PACKAGE OF 10
Withstands vibration and shock. Operates on 110 to 120 volts AC with series resistor. Rated at 1/17 watt. Wire terminals. Shipping weight 1/4 lb.

NEON GLOW LAMP **Olson** PL-160 **\$1.39**

- * Built-in Lens 10 @ \$1.29 EA.
- * Ideal for Panel and Indicator Lights
- * For 110-120 Volts with Series Resistor
- * Minimum Lighting Voltage 60 Volts
- * Package of 5 Shipping weight 1/4 lb.

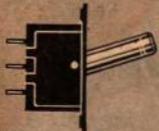
TECHNICAL BOOKS

- HWS THE SUBSTITUTION HANDBOOK. TUB-10 No. B-271 \$1.75
- GE TRANSISTOR MANUAL No. B-276 \$2.00
- RCA TUBE MANUAL No. B-275 \$1.75
- HOW TO BUILD SPEAKER ENCLOSURES No. B-309 \$3.25

*Denotes Tube Types Used In Color TV as Well as Black and White

SALE

Olson "BATON" SWITCH



Olson SW-458
88¢
Reg. \$1.12

- ★ New Baton Handle
- ★ D.P.D.T. Contacts
- ★ Contacts: 0.3A @ 125 V. AC
- ★ Size: 1 1/2" x 1/2" x 3/4" x 7/8" handle. Shipping weight 1/4 lb.

1/2 PRICE SALE

MERCURY SWITCH



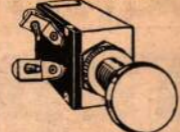
- ★ Can Be Used In Thermostats — Position Indicators — Burglar Alarms — Window or Door Switches
- ★ 6" Wire Leads
- ★ Switch Size: 3/8" x 1 3/8"
- ★ S.P.D.T. SW-461
- ★ \$1.09 Reg. \$2.12
- ★ Shpg. wt. 1/4 lb.

SALE

Olson SWITCH KIT

- ★ 7 Assorted Types
- ★ Some New — Some Removed from New Equipment
- ★ Single and Multi-pole
- ★ Shipping weight 1 lb.
- Olson SW-430
- \$1.69** Reg. \$2.42

HEAVY DUTY PUSH-PULL SWITCH



Olson SW-536
\$1.19
4 for \$4

- ★ Ideal for Auto Accessories, Camper Lights, Etc.
- ★ S.P.S.T. 30 Amp. Capacity
- ★ Convenient Screw Terminals
- ★ Rugged Tenite Knob
- ★ Mounts thru 3/16" Hole
- ★ Size: overall: 3" L. x 1" x 3/4". Shipping weight 1/4 lb.

Push On-Push Off Switch



Olson SW-538
99¢
4 for \$3.60

- ★ Momentary Contact or Push-on Push-off
- ★ S.P.S.T.-0.4 A @ 125 V. AC
- ★ 8" Wire Leads
- ★ Mounts in 3/8" Hole.
- ★ Size: 3/4" x 1" x 3/4". Shipping weight 1/4 lb.

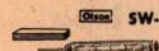
Olson SLIDE SWITCH KIT 10 ASSORTED TYPES



Olson SW-436
\$1.49

- ★ Single and Multi-pole Types. Shipping weight 1 lb.

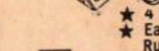
Magnetic Reed Switch



Olson SW-500
\$1.98

- ★ Includes Bar Magnet
- ★ N.O. Switch Closes with Magnetic Field
- ★ Ideal for Door and Window Switch or Alarm Systems, Limit Switch, Counting Devices, Etc.
- ★ 10 Watt — 1/2 Amp. 50 volt
- ★ Size: 1 1/8" x 3/2" dia. with 1/4" leads. Shipping weight 1/4 lb.

Olson PHONE TYPE LEVER SWITCH



- ★ 4 SPDT Contacts
- ★ Easy Mtg. Rugged Construction
- ★ 3 Locking Positions
- ★ Heavy Duty Insulated Rollers
- ★ Size 2 1/2" x 1 3/4" v 5/8", plus lever. Shipping weight 1/4 lb.

Olson SW-431
69¢

Olson PUSHBUTTON SWITCH



- ★ Package of 2
- ★ S.P.S.T.
- ★ 3 amp @ 250 Volts
- ★ Mounting Hardware Included
- ★ Shipping wt. 1/4 lb.
- ★ 4 for \$4

Olson SW-420
\$1.19

ILLUMINATED ROCKER SWITCH



- ★ SPST Contacts
- ★ 1 3/4" x 5/8" x 1"
- ★ 125 V. @ 10 A.
- ★ Built-in Bulb
- ★ Shpg. wt. 1/4 lb.
- ★ 4 for \$4.00

Olson SW-356
\$1.19

Olson MINIATURE TOGGLE

Olson SW-423
3 for \$3.75



- ★ Momentary Contacts
- ★ SPDT, 3A Contacts
- ★ Requires 1/4" Mtg. Hole
- ★ Spring-return Both Directions
- ★ Size: 1" x 3/8" x 3/8" (less lever). Shipping weight 1/4 lb.

DPDT SWITCH 3 for \$3.75
3-AMP Contacts, SW-406 \$1.29

DPDT TOGGLE
Spring return one direction only, center off 3 for \$4.14
Olson SW-424 \$1.49

Olson SEE-SAW SWITCH



- ★ Works like a toggle switch
- ★ Unique flush operating handle
- ★ DPDT contacts 3A @ 250 V.
- ★ 3/4" mounting hole
- ★ Size 3/8" dia. x 7/8" D.
- ★ Shipping weight 1/4 lb.

Olson SW-409
99¢

Olson PUSH SWITCHES



- ★ Five S.P.S.T. miniature push switches, momentary contact
- ★ Size: 3/4" x 3/4". Shipping weight 1/4 lb.
- ★ Kit of 6
- ★ SPST Contacts
- ★ Spring Return One Way/Snap Action in Opposite Direction
- ★ 6 Amp @ 125 Volt
- ★ Mounting Hardware Included
- ★ Shipping weight 1/4 lb.

Olson SW-410
99¢

POPULAR AC CIRCUIT BREAKERS

- ★ Snap Action & Push Button Types
- ★ Compact Size — Easy Mounting
- ★ For 120 Volt AC Applications.



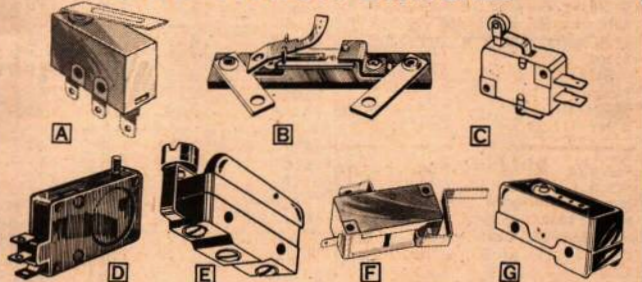
AS LOW AS
\$1.79

Shpg wt. 1/4 lb.

- A KLIXON 5 AMP SCREW TYPE TERMINALS
Size: 2 1/2" x 2 1/4" x 3/4" Olson SW-525 \$1.79 3 for \$5.07
- B SQUARE D 10 AMP SCREW TYPE TERMINALS
Size: 2" x 1 3/4" x 3/4" Olson SW-535 \$1.99 3 for \$5.67
- C SQUARE D 20 AMP SCREW TYPE TERMINALS
Size: 2 1/8" x 2" x 3/4" Olson SW-533 \$2.19 3 for \$6.00

Pkg. of 5 Assorted Circuit Breakers. Some Push Button, Some Snap Action. Screw & Solder Type Terminals. Most Popular Values. Shpg. wt. 1 lb. Olson SW-534 \$7.88

SNAP ACTION SWITCHES



- A N.O. or N.C. Contacts, SPDT, 10A. @ 125 V. AC. 1" Lever Actuator.
Size: 1 1/2" x 1/2" x 3/8". Shipping weight 1/4 lb.
Olson SW-441 4 for \$2.80 79c

- B Spring Loaded Contacts. SPST, N.O. 10A @ 125 V. AC.
Olson SW-454 4 for \$1
Styles may vary slightly. Size: 2 1/2" x 3/8". Shipping weight 1 lb.

- C 10 Amps @ 125-250 volts A.C. UL listed. Snap action operation. Precision engineered. Size: 1 1/2" x 5/8" x 5/8". Shpg. wt. 1/4 lb.
Olson SW-474 SPDT Lots of 10 69c ea. 4 for 3.60 Single 99c ea.

- D ACRO N.C. SPST Contacts, 10 Amp. @ 125 V. AC. UL Listed NO or NC, 8 A. @ 250 V. AC, UL Listed. Size: 1 1/2" x 1 1/4" x 1/4". Shpg. wt. 1/4 lb. SW-453 Your Choice 79c each; 3/\$2.07 10 Amp @ 125-250 A.C. rating Olson SW-469

- E "MAGNET SWITCH" S.P.S.T. Contacts. 15A @ 250 V. Lever Actuator with permanent Magnet.
Olson SW-494 4 for \$4.00 \$1.19 ea.
Size: 1 7/8" x 1 1/8" x 1 1/4". Shipping weight 1/4 lb.

- F "LEVER ACTION" SWITCH
Olson SW-507 single 89c 4 for \$3.20 Lots of 10 59c ea.
N.C. SPST Contacts, 10 Amp. @ 125 V. AC. UL Listed.
Size: 1 1/8" x 3/8". Shipping wt. 1/4 lb.

- G Unimax Olson SW-489 89c 2 for \$1.60.
S.P.D.T. 15A. NO. or NC Contacts, Screw Terminals, Push-Button Actuator.
Size: 1 7/8" x 1 1/4" x 5/8". Shipping weight 1/4 lb.



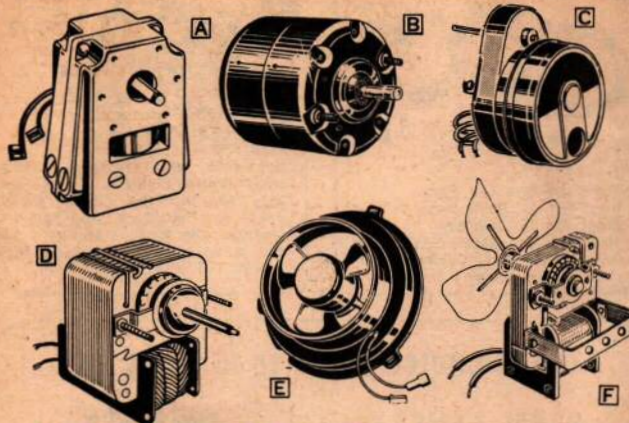
- TAB SWITCH
- ★ Package of 2
- ★ S.P.S.T.
- ★ Contact rating 10 amp at 117 Volts. AC
- ★ Size: 1 3/8" x 1/2" x 1 1/4"
- ★ Shipping wt. 1/4 lb.

Olson SW-384
\$1.19
4 for \$4



- Olson TOGGLE
- ★ SPST Contacts
- ★ Contacts: 6A @ 250 Volts
- ★ Size 3/8" Dia. x 1 1/4" x 1/2" Mtg. Hole. Shipping weight 1/4 lb.
- ★ DPDT Toggle Same as above Except for Contacts
- Olson SW-413 \$1.29

MOTORS and FANS



A Enercon 10 RPM Motor

★ Ideal for Timing Devices, Displays, Science Fair Projects, etc.
 ★ Enclosed Gear Train ★ Made For Seeburg Sound Equipment ★ Output Shaft: 1/2" L x 3/8" Square ★ Heavy Duty Case With Threaded Mounting Holes ★ Self Starting — Clockwise Rotation
 Size 2" x 3" x 1 1/2". Shpg. wt. 1 lb. Operates on 110-120 Volts AC 50/60 Hz. **\$3.98**
 Olson MO-241 2 for \$7

B 12 Volt DC Motor

★ Heavy Duty Service ★ Ideal for Auto Heaters and Fans ★ Has 1/2" x 3/8" dia. Shaft ★ Includes Wire Leads
 Size: 4" x 2 3/4" dia. Shipping weight 4 lbs.
 Olson MO-214 **\$3.98**
 3 for \$11.25

C 1/4 RPM Timing Motor

International Reg. Motor
 ★ 5" Leads ★ Self Starting
 ★ Dust-proof Gear Housing ★ Sizes 2 1/2" x 1 1/4" x 2" ★ Operates on 125 V. AC.
 Shipping weight 1/4 lb.
 Olson MO-115 3 for \$2.10 **79c**

D High Torque Shaded Pole Motor

★ Self-Starting ★ Bronze Bearings
 ★ Heavy Duty Service ★ Ideal for Spline Shaft
 Size: 2 3/8" x 2 1/2" x 2". 110-120 V. AC. 60 Hz. Shpg. wt. 2 lbs.
 Olson MO-230 **\$1.49**
 3 for \$4.17

E Rotron Muffin Fan

★ New Slim Line Design ★ Dia. of Air Intake 4 1/2" ★ Dia. of Exhaust 6 1/4" ★ Port Opening 4 3/8" ★ Ideal for Cooling All Types of Equipment
 Operates on 110-120 Volts AC 50/60 Hz. Used. Shpg. wt. 2 lbs.
 Olson MO-234 **\$5.98**

F Ventilator Motor

Motor is ruggedly constructed of laminated steel and features permanently lubricated type bearings. Universal mounting bracket 3" blade. Shipping wt. 2 lbs. 110-120 V. AC.
 Olson MO-83, 3 for \$9.30 **\$3.49**

NEW 1.5 Volt DC Hobby Motor

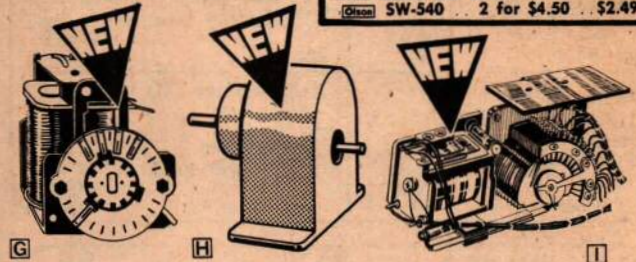


★ Ideal for Projects, Hobby Cars etc. ★ Compact-High RPM ★ Shaft Length 1/4" ★ 5" Wire Leads
 Size: 1 1/4" x 3/4" dia. Shipping weight 1/4 lb.
 Olson MO-249 **\$1.98**
 2 Kits for \$3

SALE



Plug-in Relay
 Olson SW-417
 Reg. \$1.79 **\$1.29**
 ★ Standard Octal Plug Base ★ Completely Enclosed ★ 117 Volt AC Coil
 ★ SPDT Contacts.
 Size: 2 1/2" H. (Incl. plug) x 1 3/8" x 1 3/8". Shipping weight 1/4 lb.
 Like above but DPDT
 Olson SW-540 2 for \$4.50 \$2.49



G Comar 4 Position Stepping Switch

★ For 110-120 Volts AC ★ Continuous Rotation ★ SPST 1 Amp Contact Rating ★ Non Bridging Water Type
 SW-527
 Size: 1 3/4" x 2" x 2 1/4" H. Shipping weight 1 lb.
 Same As Above But Slightly Larger. 2" x 2" x 2 3/4" H.
 Olson SW-528 2 for \$6 **\$3.39**

H Gear Reducer 7 to 1 Ratio

★ Ball Bearing Planetary Gears ★ 3/16" Diameter Shaft ★ Use To Slow or Speed-Up Small Motors ★ Rugged Construction
 Size: 1 3/4" x 4 1/2" x 3 3/4" high. Shipping weight 3 lbs.
 Olson X-146 3 for \$21 **\$9.00**

I DC Stepping Switches

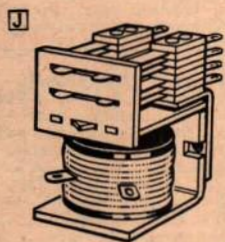
★ 11 and 26 Position ★ Operates on 48 V. DC. ★ Shpg. weight 3 lbs.
 ★ 11 Position (10 Pos. and Off) ★ 6 Level Switching ★ 1 Level Bridging
 5 Levels Non Bridging ★ Additional Contacts to Recycle Stepper
 Olson SW-523 10 @ \$9 **\$9.98**
 ★ 26 Position (25 Pos. and Off) ★ 10 Level Switching
 ★ Non-Bridging Wipers ★ Has Interrupter Contacts
 Olson SW-524 10 @ \$11 **\$11.98**

SOLENOIDS and RELAYS



AC RELAY

★ 24 Volt 50/60 cps Coils ★ 5 Amp Contact Rating ★ Moisture Resistant Coil ★ Threaded Mounting Hole
 Size: 1 3/4" x 1" x 1 1/2". Shipping weight 1/2 lb.
 Olson SW-466 4PDT **\$1.29**



J DC Relay

★ 24 V. DC Coil ★ D.P.D.T. Contact ★ 10A Contact ★ Famous U.S. Manufacturer ★ Universal Open Frame Construction.
 Size: 1 3/4" x 1" x 1 1/2". Shipping weight 1/4 lb.
 Olson SW-522 **\$2.49**
 6 @ \$2.09



L 12 Volt DC Relay

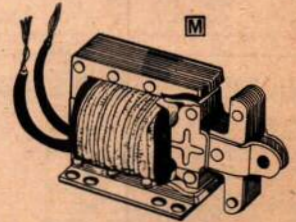
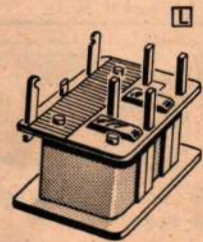
★ Mfr. Type RS ★ SPST No Contacts ★ 2 Amp Contacts @ 120 V AC ★ Coil Rating: 5000 ohm — 3.5 Ma ★ Compact Size: 1" x 3/4" x 3/4"
 Shpg. wt. 1/4 lb. **\$1.39**
 Olson SW-517 4 for \$5

K Price Electric 12V. Relays

★ Double & Single Pole Contacts
 ★ Miniature Size, 3/4" Square ★ 2 AMP Contacts ★ 120 V. AC.
 New, but removed from equipment.
 SPST/N.O. **79c**
 Olson SW-500, 10 @ 69c
 DPST/ N.O. **99c**
 Olson SW-499, 19 @ 79c

M 117 V. AC Solenoid

★ For Intermittent Duty ★ Operates Valves, Clutches, Switches, Etc.
 Size: 2 1/2" x 1 1/8" x 2 1/4" stroke to 1".
 110-120 V. AC, 60 cps. Shipping weight 1/2 lb. **\$2.98**
 Olson SW-484, 3 for \$8.25



Eighth St. Radio Serv., c/o D. H. Aldred, Jacksonville, FL 32206, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

Sale

Olson 500ft. WIRE KIT

- ★ 5 100-ft. Rolls Hookup Wire
- ★ Solid and Stranded Types
- ★ Ideal for Kit Building and Repair Work
- ★ All Brand New



Olson AS-903 Reg. \$3-42

\$1.99

SPEAKER-INTERCOM-AC WIRE

3-Conductor 100 ft.



- ★ 22 Gauge Intercom Cable
- Shpg. wt. 1 lb.

Olson W-105

\$1.98

2-Cond. Strand. 100 ft.



- ★ 18 Gauge AC Zip Cord
- ★ Vinyl Insul.
- Shpg. wt. 8 lbs.

Olson W-318

\$3.49

2-Cond. Strand. 100 ft.



- ★ 21 Gauge Speaker Cable
- ★ Vinyl Insulation
- Shpg. wt. 2 lbs.

Olson W-400

\$2.69

2-Conductor 200 ft.



- ★ 24 Gauge Speaker Cable
- ★ Vinyl Insul.
- Shpg. wt. 2 lbs.

Olson W-399

\$3.69

Olson PRINTED CIRCUIT WIRE KIT



Olson W-575

\$1.79

- ★ 3—50 ft. Rolls
- ★ Solid and Stranded Type
- ★ Ideal For All Solid State Circuits
- ★ Great For Kit Builders, Hobbyists and Repair Work
- ★ Brand New—Vinyl Colored Jacket
- Shipping weight 1 lb.

5 LB. SURPRISE KIT



Olson AS-137 \$2.49

Chock-full of condensers, resistors, hardware items, knobs, etc. Just too good to throw away. Great for builders and experimenters. The sort of things you'd save when cleaning out the junk drawers of your work shop.

YOUR CHOICE \$1.39, 10 @ \$1.29 EA.

PANEL LAMPS



NEON Kit of 3 PL-148
Has built-in Jewel front for maximum brightness. Kit contains two red and one yellow light. Includes 3 drooping resistors. For use on 110-120 V. A.C. Shpg. wt. 3/4 lb.



BAYONET BASE PILOT LIGHT
★ 1 Red and 1 Green
★ Easy Bulb Replacement
★ Fits 1/4" Mtg. Hole
PL-155 Kit of 2 Shpg. wt. 1/4 lb.



6 VOLT
No. PL-65—Kit of 2
With 6 volt bulbs. 3/8" dia. x 1" long. (1 red, 1 green)
Shpg. wt. 1/4 lb.

SWITCHES



TOGGLE
Kit of 3 No. SW-154 (SPST and DPDT). Rated @ 3 amps, 125 volts. Size 1 1/2" x 3/4". Shpg. wt. 1/4 lb.



CENTER-OFF TOGGLE
Kit of 2 No. SW-158 DPDT center off toggle switches. Rated 6 amps @ 125 volts or 3 amps @ 250 volts. Size: 3/4" x 1 1/4" x 3/8". Shipping weight 1/4 lb.



SLIDE
Kit of 6 No. SW-153 Assorted S P S T SPDT, DPST and DPDT. 1 amp, 125 v. Size: 1/2" x 3/8" x 1 1/4". 1/4 lb.

Olson VALUE LINE

\$1.19 EA.

4 FOR \$4

ALLIGATOR CLIPS
No. HW-62 ★ Kit of 10
Kit of 10 insulated Alligator clips. 5 red clips and 5 black clips. Assd. sizes. Shpg. wt. 1/4 lb.



9V BATTERY SNAPS
Kit of 6 No. BA-102
Pkg. of 6 battery snaps to fit popular 9 v. battery in transistor radios, etc. Shpg. wt. 1/4 lb.



No. TL-7 6" DIAGONAL CUTTERS

6-in. heavy duty, cuts the finest to the toughest wire. Shpg. wt. 1/2 lb.

6" NEEDLE NOSE PLIERS

No. TL-5 With side cutters. For Radio and TV repair. 6 inches long. 1/4 lb.

BINDING POSTS

Kit of 10 No. HW-61 Will take alligator clip, banana plug, tip plug, spade lug or wire. 1/4 lb.

PILOT LAMP SOCKETS

Kit of 10 Asst. No. AS-848 For bayonet type bulbs. Perfect for replacement in radio, TV or phono. Shpg. wt. 1/4 lb.

INSULATING TAPE

2 rolls of 3/4" wide, self-sticking plastic insulating tape. 2 colors: one roll red, one roll black. Shipping weight 1/4 lb.

Olson TA-5

LOOPSTICKS

No. L-75

Kit of 3. All directional radio antenna. Pulls in distant radio stations with remarkable ease. Shipping weight 1/4 lb.

TRANSISTOR SOCKETS

Kit of 10

No. SC-1

Takes transistors with 3 contacts in line or triangle (JEDEC). Size: 3/4" x 1/4". 1/4 lb.

MUELLER ALLIGATOR CLIPS

No. HW-72

★ Kit of 20 Deluxe #70 clips are cadmium-plated with solder connection. Handles up to 5 amps. Size 1 1/4". Shp. wt. 1/4 lb.

LUG TERMINALS

Kit of 13 No. HW-60

Size: 5/8" x 5/8" lengths: 1 1/2", 2 1/4" & 2 3/4". 1/4 lb.

A.C. CHASSIS SOCKETS

Kit of 8 No. X-803

Bag of 8. Rated for 117 volts, 10 amps. Mount in 1/2" x 1/4" hole. 1/4 lb.

MINIATURE PLUGS & JACKS

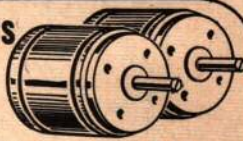
6 assorted pairs.

Jacks are closed circuit type. Ideal for transistor earphones and receivers. Shpg. weight 1/4 lb.

Olson J-1

MINIATURE 6 VOLT SYNCHROS

- ★ Designed for 26 V. but OK on 6 V. AC
- ★ Ideal for direction indicators on Antenna, Weather Vane, etc.
- ★ When one motor is turned, 2nd motor in remote location turns in same direction and same degree
- ★ Wiring diagram included
- ★ Operates on 6 V. AC, 60 cps.
- Size: (each) 1 1/2" D. x 2" (incl. shaft). Shpg. wt. 1 lb.

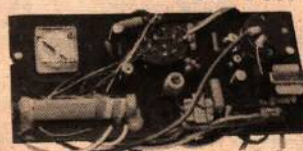


Olson MO-212 \$4.95

2 PAIR FOR \$9.50 Pair

6 Volt Transformer
Olson T-76 \$1.44

FUN FOR EVERYONE!



RECEIVER/TRANSMITTER CHASSIS

Olson AM-369

\$2.99

★ 3-Transistor Circuit
A complete receiver (less speaker) chassis plus built-in transmitter. Also contains a code oscillator. Receives standard broadcast band. Transmits code or voice to any near-by AM broadcast receiver. No license required.

Size: 5 1/4" x 2 5/8" x 1 1/2". Operates on 9 volt battery (not included). Shipping weight 1 lb.

Accessories: 9 Volt Battery
(1 req'd. Olson BA-89 21c
Microphone, Olson M-235 60c
3" PM Speaker, Olson S-56 65c



5 TRANSISTOR AMPLIFIER

Olson AM-260

\$3.99

- ★ Completely Assembled—For Experimenter or Hobbyist
- ★ Operates on 9 Volt Battery
- ★ Ideal for Small Phono or PA Applications
- ★ Color-Coded Leads for Easy Hookup

★ Power Output: 300 MW
★ Output Impedance: 8 Ohms
Size: 1 1/2" x 5 1/2" x 7/8". Shipping weight 1/2 lb.

9 Volt Battery, BA-89 21c
3" PM Speaker, S-56 65c

Olson 8" SPEAKER BAFFLE

- ★ Scuff Resistant and Washable—May be Painted, Varnished
- ★ For Paging, P.A., School Rooms, Offices
- ★ Walnut Finish
- ★ Hang on Wall or Place on Shelf
- Size: 10 1/2" x 9 3/4" x 6 1/2". Shipping weight 2 1/4 lbs.

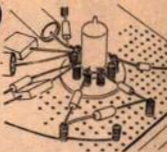
Olson CA-259 Less Speakers \$5.49

8" Speaker, No. S-146 Ea. 8.98
Line Trans., No. T-110 Ea. \$2.29

Solderless Circuit Component for Experiment and Design

Olson PERF-BOARD

BUILD, DESIGN, CONSTRUCT RAPIDLY — Experimental or Permanent Electronic Circuits. Accepts Olson Miniature Components (below) for rapid set-up. May be easily cut with saw, to size you desire. Phenolic Boards with 1/2" holes punched on .265 centers 1/4" thick.



Unclad (Punched) PERF-BOARD			
No.	Size	Ea. For 100 ea.	3 Lots of
K-116	3 1/2" x 6 3/8"	.49 1.25 .37	
K-118	6 5/8" x 9 1/4"	1.00 2.85 .90	

TAPE RESIST
Use to protect areas of printed circuit board from etchant. 1/4" x .320".
No. TA-16 79c
ETCHANT SOLUTION, 16-oz. Bottle
No. X-919 \$1.29

COPPER CLAD (Unpunched Board)			
No.	Size	Ea. For 100 ea.	3 Lots of
K-124	3 3/4" x 6 7/8"	.59 1.50 .49	
K-126	6 5/8" x 9 1/4"	1.60 4.42 1.00	

COPPER CLAD (Punched) PERF-BOARD			
No.	Size	Ea. For 100 ea.	3 Lots of
K-120	3 1/2" x 6 5/8"	.69 1.80 .59	
K-122	6 5/8" x 9 1/4"	1.74 4.42 1.33	

BINDING POSTS with Jacks
Color coded 5 red — 5 black. 5/8" long. Shipping weight 1/4 lb.
No. HW-34 \$1.19

SPRING TYPE Banana Plugs
For quick and easy connections. 1 1/2" long. Shpg. weight 1/4 lb.
No. HW-36 \$1.19

SPADE LUGS with Jacks
Color coded 5 red — 5 black. 1 1/4" long. Shipping weight 1/4 lb.
No. HW-33 \$1.19

Banana Plug CORD SETS
18" wire with plug on each end. 10 different colors.
No. HW-42 \$1.99

ALLIGATOR CLIPS with Jacks ★ KIT OF 10
Color coded 5 red — 5 black. 1 1/4" long. Shipping weight 1/4 lb.
No. HW-32 \$1.19

TRANSISTOR SOCKET
Binding posts pre-mounted. With mounting hardware.
No. HW-43 \$1.19

9-PIN TUBE SOCKET
Binding posts pre-mounted. With mounting hardware. Shipping wt. 1/4 lb.
No. HW-39 \$1.29

M. Meyler, 558 Railroad St., Sindber, PA 15963, wins choice of merchandise worth \$5 from Olson's "Treasure Hunt." See back cover for instructions.

SAVE!



Olson makes it easy for you to make your own Printed Circuit Boards.

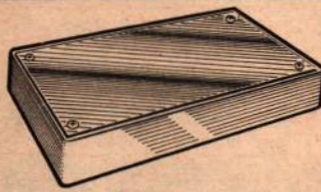


Complete for \$4.44

Individual Catalog Price ... \$5.77

- ★ Simple as 1-2-3, 1—Paint it, 2—Dip it, 3—Wire it
- ★ Professional Job Everytime
- ★ No Messy Photo Process
- Resist Paint Kit Separately
- Olson X-133 \$2.29

See More Accessories Left.
★ Kit Includes: 2 Copper-clad Boards (1—4"x6", 1—6"x9")
16-oz. Bottle Etchant Solution, Resist Paint & Thinner
★ Great for Experimenter's, Hobbyists, Students, Etc.



HANDY UTILITY BOX

- ★ Removable Aluminum Cover
- ★ Perfect for housing test equipment, experimental circuits, etc.
- ★ Made of Sturdy Bakelite

Olson CA-355	3 1/4" x 2 1/8" x 1 1/8"	69c
Olson CA-356	4" x 2 1/8" x 1 5/8"	79c
Olson CA-324	6 1/4" x 3 3/4" x 2"	98c

Panel Set
Olson K-130
\$1.49

★ 3 1/2" x 6" ★ Kit of 5
Fits CA-324 above 3 per boards — 1 aluminum panel, 1 bakelite panel. Shipping wt. 1/4 lb.
Panel and Box Combo
K-130 + CA-234
Olson AS-305 \$1.98

Olson "PATTERN-PERF" PANEL
★ Copper Clad
★ Package of 2
Olson K-131
\$1.98

Special pattern in copper coating makes transmitter mounting a cinch. Ideal for quick test set-ups or final construction. Pre-punched, ready to use. Size: 6 3/4" x 3 3/4". Fits CA-324 box above. Shipping weight 1/4 lb.

NEON PILOT LAMPS

YOUR CHOICE \$1.39 4 for \$5.00

PL-147
Kit of 3
115 volts, 5/8" dia. x 1 1/4", 2-Red, 1 Yellow. Shpg. wt. 1/4 lb.

★ Pkg. of 2
★ 1 Red & 1 Yellow
★ 110-120 Volts
★ 1/4" Mtg. Hole
Shpg. wt. 1/4 lb.
Olson PL-159

Olson PL-157
★ Snap-Clamp Mount
★ Pkg. of 2
★ 1 Yellow, 1 Red
★ 110-120 V. AC
Size: 5/8" Dia. x 1 1/2".
Shpg. wt. 1/4 lb.

★ Pkg. of 2
★ 1 Yellow, 1 Red
115 volts AC.
Size: 1/4" Dia. x 1".
Shpg. wt. 1/4 lb.
Olson PL-158

6' A.C. LINE CORD
Olson W-43 39c

RADIO/TV INTERLOCK CORDS
Olson W-61 Pkg. of 2
Two standard TV interlock cords 6 ft. long.
Shpg. wt. 1/4 lb. 99c

Olson W-573 Package of 4 \$1.40

Olson SPACERS
Olson HW-71 \$1.19 4 for \$4

HEAVY DUTY cord with plug
No. W-566 4 for \$1

3 WIRE HEAVY DUTY LINE CORD
★ 8 Ft. Long — 18 GA.
★ 3 Prong Polarized Plug
★ Ideal Replacement for Power Tools
★ Scuff-Resistant Vinyl Jacket
Shipping weight 1/4 lb.
Olson W-567 99c 2 for \$1.78

★ Ideal for Mtg. Sub Panels, Chassis, Etc.
★ Pkg. of 16 Assorted
Size: 1/4" D. x 1".
Shpg. wt. 1/4 lb.

CLIP LEADS

★ Package of 10 (5 Pair)
★ Fully Insulated Wire and Clips
★ Ideal for Temporary Hook-Up
★ Keep Several Sets on Service Bench
★ Color Coded—"Sure-Grip" Clips
Shipping weight 1/4 lb.
Olson BA-165 \$1.79
3 for \$5.07

ELECTRICAL TIMER SWITCH

★ 90 Minute Time Cycle

Olson SW-511
2 for \$4.20 \$2.49

Telechron Timer
Olson X-124 \$2.49

★ 15 Amp. Switch Capacity
★ Slumber Switch and Buzzer Alarm
★ Four Position Function Selector
Size: 3 1/2" x 3-1/12" x 2". 110-120 v. AC, 60 Hz. (less face and hands). Shipping weight 1/4 lb.

★ Ideal for Turning Off TV, Fan, Radio, Etc.
★ Operates on 110-120 V. AC. 60 Hz. Switch Rating: 25 Amp @ 230 V AC, 1/3 H.P. @ 120 V AC.
Do-it-yourselfer will enjoy making his own calibrated face plate and building into his equipment. All are brand new, with rugged Lux Timing motor and instructions for hook-up.
Size: 3 1/4" x 2 1/4" x 2" D. Shaft size: 1 3/8" L. x 3/4" dia.

SALE

Olson FLUTED KNOBS

Reg. 79c

Reg. \$1.19

69c

99c



- 2 for \$1.20 Olson KN-34
 - ★ Adds Custom Appearance
 - ★ Functionally Designed
 - ★ Ideal for Amateur & Experimenter
 - ★ Durable High Gloss Black Finish
 - ★ Size: 1 3/4" Dia. x 3/8" — Fits 1/4" Shaft
 - ★ Has Brass Insert and Set Screw
- Shipping weight 1/4 lb.

- ★ With Skirt and Indicator Line
 - ★ High Gloss Black Finish
 - ★ Size: 1 1/2" Dia. x 1 1/2" — Fits 1/4" Shaft. Shpg. wt. 1/4 lb.
 - Olson KN-35. Pkg. of 2
- Set of matched knobs like above but smaller 3/8" x 3/8".
Olson KN-36. Pkg. of 5

New Knobs Modernize Old Equipment



ASSORTED KNOBS

For radio and TV replacement. Variety of styles and colors.

Olson KN-30
KIT OF 25

79c

YOUR CHOICE

\$1.19

4 FOR \$4

METAL KNOB SET



- ★ Kit of 2
- ★ Brushed Aluminum w/Walnut Inset
- ★ Size: 1" dia. x 5/8" L. Fits 1/4" shaft. Shpg. wt. 1/4 lb.
- Olson KN-37

Olson Pointer Knobs



- ★ Black w/Aluminum Inlay
- ★ White Pointer Dot
- ★ Fits 1/4" Shaft
- ★ Size 7/8" D. x 5/8" L.
- Shipping weight 1/4 lb.
- Olson KN-39. Pkg. of 2

Olson KNOB SET



- ★ Black Plastic/Metal Trim
- ★ Brass Insert w/Set Screw
- ★ For 1/4" Dia. Shaft
- ★ 1/4" D. x 3/4" L.
- Shipping weight 1/4 lb.
- Olson KN-32 Set of 5

Olson Calibrated Knobs



- ★ Black Plastic/Aluminum Trim
- ★ Calibrated 0 thru 10
- ★ For 1/4" Shaft
- ★ Brass Insert W/Set Screw
- ★ Size: 1 1/2" D. x 7/8" L.
- Shipping weight 1/4 lb.
- Olson KN-38. Pkg. of 2

Diodes

GERMANIUM—PKG. OF 10

Replaces IN34, IN34A, IN60 and IN61. Shpg. wt. 1/4 lb.

Olson DI-18

98c

500 MA SILICON (KIT OF 4)

- ★ RMS: 280 Volts
- ★ PIV: 400 Volts
- Shpg. wt. 3/4 lbs.

Olson RE-76

99c

1 AMP. EPOXY PIV. 600 VOLTS

Shpg. wt. 1/4 lb.

Olson DI-24

79c

Olson CADMIUM PHOTOCELL

79c
Olson TR-91



Pkg. of 2

Resistance range from 200 ohms to 1 megohm. Sensitivity 500 to 600 Angstrom units. Max. voltage 150 v. DC. Max dissipation 150 mw. Size: 1/2" dia. x 1/8" deep. Has 1" leads. Shpg. wt. 1/4 lb.

Olson FUSE HOLDERS

\$1.19

FU-6

- ★ 1/2" Mtg. Hole
- ★ Kit of three standard holders for chassis mtg.
- ★ For 3 AG Size Fuses
- Shipping weight 1/4 lb.



Miniature Controls



Olson R-92

\$1.98

2 Kits for \$3

- ★ Designed for Printed Circuits
- ★ Stand-up Verticle Mounting
- ★ Great for Any Application Where Variable Resistance is Needed
- ★ Cross Slot Adjustment
- ★ Kit of 10 Assorted Values
- Size: 3/8" dia. Shpg. wt. 1/4 lb.

12 Piece Volume Control Kit



- ★ Name Brands Such As Centralab, Mallory—others
- ★ Various Shaft Lengths & Diameters
- ★ Some Include Switches
- ★ Carbon and Wire-wound Type

Olson VC-274

59c

Shipping weight 1 lb.

RECTIFIERS

SILICON ZENER DIODES

Olson TR-154 #IN754A **\$1.89**

- ★ Ideal for Regulated Power Supplies, Etc.
- ★ 6.8 Nom Voltage
- ★ 400 M/Watt @ 5% Tolerance
- ★ Pkg. of 2
- Shpg. wt. 1/4 lb.

6.8 Volt 1 Watt Zener Diode

#IN3016B Pkg. of 2

Olson TR-155

\$1.39

SELENIUM RECTIFIERS

150 MA — 130 VOLTS

Size: 1 1/8" x 1 1/8" x 1"

Shpg. wt. 1/4 lb.

Olson

69c

RE-116

10 @ 60c ea.

SELENIUM RECTIFIER KIT

Kit of 7 .w 130 volt selenium rectifiers. Contains the following sizes: 1—300 ma, 2—150 ma, and 4—100 ma. Stock up now on this unusual value. Shipping weight 1 lb.

Olson RE-118, ALL 7 **\$1.20**

MOTOROLA SILICON RECTIFIER

- ★ 2.5 Amp
- ★ Mfgs. Type HEP 170
- ★ PIV: 1000 Volts
- ★ RMS AC Input: 700 Volts
- ★ Ideal replacement for all silicon rectifiers up to 2.5 amp capacity. Shipping wt. 1/4 lb.
- Olson RE-122 **82c**

SILICON RECTIFIER 750 MA

No. RE-32 **79c** 3 for \$2.10

SPECIFICATIONS: Mfgs. Type: SD-500-90; RMS A.C. Input: 280 Volts; Peak Inverse Voltage: 400 Volts. Output: D.C. 500 MA @ 100° C; Current: 750 MA @ 500 C. Shpg. wt. 1/4 lb.

RCA IN3194 750 MA Silicon Diode. Pkg. of 2 Olson DI-26 **\$1.19**

TRANSFORMERS



IF TRANSFORMER & COIL KIT OF 10

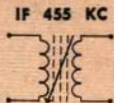
Kit contains IF transformers RF coils, peaking coils and chokes. Shipping weight 1/4 lb.

Olson L-77

57c

Olson

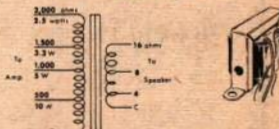
TRANSFORMERS



IF 455 KC
Olson L-83 **99c** Per Pair

Consists of one each input and output transformer. Size: 3/4" x 3/4" x 2". Complete with instructions. Shipping wt. 1/4 lb.

Audio Power Filament 70.7 V. Line Transformer



Olson T-110

Primary: 500 to 2,000Ω
Secondary: 4-16 ohms
Power: 10 Watts
Size: 2"x1 1/2"x1 1/8"
Shpg. wt. 1 1/4 lbs.

\$2.29

3 @ \$2.00
12 @ \$1.50



POWER

Primary: 110-125 volts A.C.
Secondary: 24 v. @ 1 amp.
Size: 2 3/4"x2 1/4"x2 1/4"
Shpg. wt. 1 1/4 lbs.

\$1.98

Olson T-290

AUDIO OUTPUT

Primary: 2,500 ohms; 3 watts Secondary: 3-4 ohms Applications: 50C5, 50L6, etc.

Size: 1 1/2" x 1 1/4" x 1". Shpg. wt. 1/4 lb.

98c

Olson T-92

FILAMENT

Primary: 110-125 volts A.C. Secondary: 6.3 V. @ 1 amp. Size: 2 3/8"x1 3/4"x1 1/8". Shpg. wt. 1 lb.

\$1.44

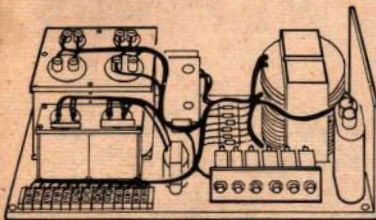
12.6 V. @ 1 Amp.

Olson T-304

3 @ \$1.39 ea. \$1.49

SALE!

VOLTAGE REGULATED POWER SUPPLY



- ★ Ideal For Experimenters' Bench
- ★ For Transistor and Tube Applications
- ★ Designed and Manufactured In U.S. For A Leading "Copy Machine Company"
- ★ Solid State Rectifiers
- ★ High Capacitance Filters

★ FIVE DC VOLTAGES

- #1 +110 V. DC @ 880 ma. Max. Ripple .5 V p-p
- #2 +5 V. DC @ 450 ma. Max. Ripple 40 Mv p-p
- #3 -18 V. DC @ 1.3 Amp. Max. Ripple 130 Mv. p-p
- #4 -24 V. DC @ 2.7 Amp. Max. Ripple 50 Mv. p-p
- #5 -110 V. DC @ 245 ma. AC input 115 V. AC ± 15%

Approx. Size: 17½" x 12" x 6¼". Approx. Shipping weight 50 lbs.

LIMITED QUANTITY

Olson X-145

REG. ~~\$49.98~~

\$2999

Free! Stereo System Price Quotation

OLSON ELECTRONICS: Please send me your SPECIAL LOW PRICE on the Stereo System I have selected . . .

How Many	ITEM	MAKE - MODEL
	RECEIVER OR AMPLIFIER	
	CASE FOR ABOVE	<input type="checkbox"/> Walnut <input type="checkbox"/> Metal <input type="checkbox"/> None
	TUNER	
	CASE FOR ABOVE	<input type="checkbox"/> Walnut <input type="checkbox"/> Metal <input type="checkbox"/> None
	RECORD TURNTABLE	
	CARTRIDGE	
	BASE FOR ABOVE	
	DUST COVER FOR ABOVE	
	45-RPM SPINDLE FOR ABOVE	
	SPEAKERS	
	WOOD FINISH OF CABINETS	
	TAPE DECK	
	OTHER ITEMS	

PLEASE PRINT

Name (First) (Middle) (Last)

ADDRESS—Box No. or Route

CITY STATE ZIP CODE

PHONE NO. AREA CODE

1/2 PRICE SALE!



Shamrock RECORDING TAPE

- ★ Factory Boxed
- ★ Made in USA
- ★ 7" Reel 1 Mil
- ★ Polyester Backing
- ★ Shipping weight 1 lb.

As Low As **89c** in Lots of 10

1200 Ft. Olson TA-75 10 @ 89c ea. 1.09 ea.
1800 Ft. Olson TA-110 10 @ 1.29 ea. 1.49 ea.

SALE!

INDOOR PHOTO ELECTRIC SWITCH



- ★ Never Needs Setting
- ★ Simple Plug-In Installation
- Turns lights on and off at dusk and dawn. Size: 3½" x 2½" x 1¼". For 117 Volts AC. Capacity: 600 watts. Shipping weight ¼ lb.

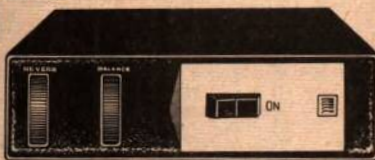
SW-203 Reg. ~~\$4.49~~ **\$359**

SALE!

Compact Auto Reverb

- ★ Operates Rear Speaker With or Without Reverb

Combination control turns reverberator on and off and adjusts balance between front and rear speaker. Complete with instructions and connectors. Size: 6½" W. x 1¼" H. Operates on 12 volts, neg. ground system. Shipping weight 3 lbs.



Olson RA-749 Styles May Vary Reg. ~~\$9.98~~

\$499

SALE!

Olson

20K

OHMS/
VOLT

MULTIMETER

- ★ DC Volts: 0-25, 50, 500, 2500 V.
- ★ AC Volts: 0-10, 50, 500, 1000 V.
- ★ DC Current: 0-50 ua., 2.5 ma., 250 ma.
- ★ Resistance: 0-60 K, 6 meg.
- Size: 3¼" x 4¼" x 1¼"
- Shipping weight 2¾ lbs.

Olson TE-185 **\$999** Reg. ~~\$14.98~~



SALE!

Olson

FAMOUS
X-AIR
SPEAKER
SYSTEM

- ★ Acoustic Suspension
- ★ Heavy Duty Magnet
- ★ Response: 65 to 18,000 Hz.
- ★ Power capacity: 5 watts. RMS.
- ★ Impedance: 8 ohms.
- ★ Size 6" x 9" x 5".
- ★ Shpg. wt. 6 lbs.

Olson S-931 Reg. ~~\$14.98~~ **\$999**



SALE!

FM/AM PORTABLE RADIO

USES BATTERY OR HOUSE CURRENT

- ★ Solid State Circuitry
- ★ Easy-to-Read Dial
- ★ Telescope FM Antenna
- ★ Built-in AM Antenna
- ★ Includes AC Cord, Batteries and Earphone.

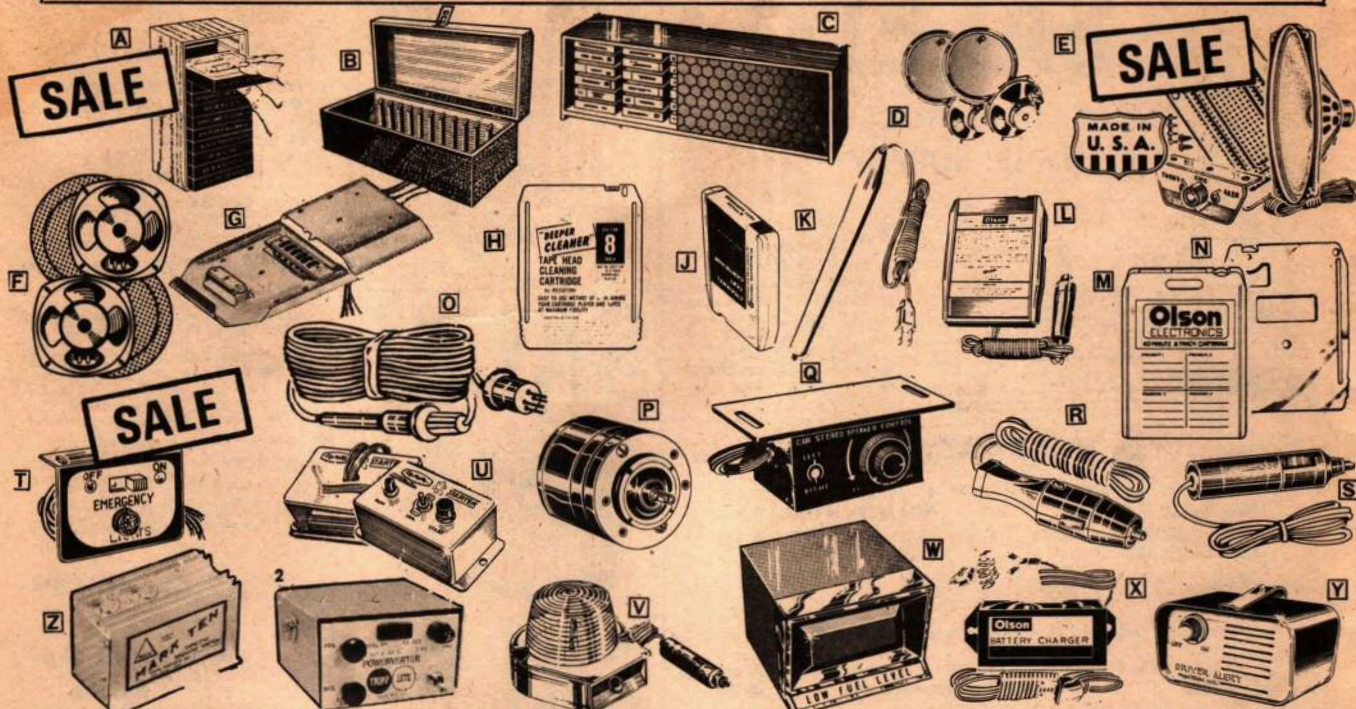
Size: 7¾" x 4½" x 2½". Shpg. wt. 4 lbs.



Olson RA-276 Reg. ~~\$15.98~~ **\$1199**

Olson Electronics 73

TAPE and AUTO ACCESSORIES



A **TAPE CARTRIDGE STORAGE RACK**
★ Holds 12 8-Track or 4-Track Tapes
★ Built-in Dividers ★ Walnut Vinyl
Covered ★ Stands Vertically or Horizontally.

Size: 4 1/4" x 4 1/4" x 4 1/4" Shipping weight 4 lb.
Olson CA-455 REG. \$2.98 \$2.49

B **DELUXE TAPE CADDY** ★ 4 or 8 Track ★ Holds 24 Cartridges ★ Alligator Vinyl Finish.

Size: 17 1/4" x 5 1/4" x 8 1/2" Shipping weight 4 lbs.
Olson CA-422 \$7.98

C **FRACOTON CARTRIDGE STORAGE CABINET** ★ Holds 40, 4 or 8 Track Cartridges ★ Attractive Walnut Finish ★ Handsome Sliding Doors ★ Modern Styling.

Size: 24" x 6 3/4" x 7 1/2" Shipping weight 8 lbs.
Olson CA-448 \$14.98

D **SPEAKER FOR TAPE PLAYERS**
★ 5" Heavy Duty Speakers ★ Kit of 2 With Grilles ★ Powerful Ceramic Magnets ★ Includes Wire and Hardware ★ Impedance: 8 Ohms.

Shipping weight 5 lbs.
Olson S-730 \$7.98

E **6x9 INCH REAR DECK SPEAKER**
★ Easy To Install Speaker
★ Fader control enables volume to be adjusted to any desired level. Includes wire, grille, hardware and easy to follow instructions.

Shipping weight 8 1/2 lbs.
Olson S-333 REG. \$4.49 \$3.79

Universal 6"x9" Speaker Kit Works With Any Radio, 10-20-40 Ohm.
Olson S-592 \$4.90

F **HEAVY DUTY 5 1/4" SPEAKER KIT**
★ Chrome Anodized Grilles ★ Mounts In Door or Panels ★ For 4 or 8 Ohms ★ Kit of 2 with Grilles.

Shipping weight 5 lbs.
Olson S-58 \$6.98

G **"LOCK MOUNT" TAPE PLAYER MOUNT** ★ Prevents Car Stereo Theft ★ Makes Tape Player or CB Removable ★ Fully Adjustable ★ For Car, Stereo, Radio, CB, Etc.

Shipping weight 3 lbs.
Olson AU-149 \$9.98

H **8-TRACK CLEANER TAPE** ★ Cleans Tape Heads Automatically ★ Just slip into tape player like a regular recording tape.

Olson TA-457 98c

J **8-TRACK TEST CARTRIDGE**
★ Check Frequency Response
★ Check Tape Tracking ★ Check Volume & Balance.

Shipping weight 1 lb.
Olson TA-536 \$3.49

K **CARTRIDGE TAPE-HEAD DEMAGNETIZER** ★ Eliminates Distortion ★ With AC Line Cord and Plug, 110-120 Volts AC, 50/60 cps. 1 lb.

Olson TA-556 \$1.49

L **8-TRACK DEMAGNETIZER/CLEANER** ★ Plugs Into Cigar Lighter ★ Demagnetizes Tape Heads ★ Cleans Heads and Tape Guides ★ Operates on 12v DC ★ Just Plug-in Like Tape Cartridge. Shipping weight 1 lb.

Size: 3 1/2" x 5 1/4" x 1/8".
Olson HF-160 \$7.98

M **DELUXE 8-TRACK BLANK TAPES**

★ Special Coated Tape Eliminates Stretching and Breaking ★ Wide Range Response ★ Precision Built for Trouble Free Operation ★ Convenient Tape Index Label.

Shipping weight 1/2 lb.
40 Min. Olson TA-626, 10/\$19, \$1.98
80 Min. Olson TA-625 10/\$29, \$2.98

N **8-TRACK BLANK TAPE CARTRIDGES**

★ For All 8 Track Recorders.
30 Min. 8-Track Olson TA-248, \$1.69
12 or more \$1.39
40 Min. 8 Track Olson TA-613, \$1.79
12 or more \$1.69
70 Min. 8 Track Olson TA-557, \$1.98
12 or more \$1.79

O **Auto Tape Player Wiring Harness YOUR CHOICE** \$4.98

★ For Most 4 & 8 Track Players
★ Inline Fuse Holder and Speaker Leads ★ Ideal for Using Tape Player in Various Autos, Etc. 4-Pin for Muntz, Automatic & Audio Stereo
Olson AU-173

4-Pin for Tenna, Ranger & Kraco
Olson AU-174

5-Pin for Craig, Muntz, Audio Sonic
Olson AU-175

Shipping weight 1/2 lb.

P **REVERSIBLE 12 VOLT DC MOTOR**
★ 4500 RPM ★ Ideal for Heater Fans, Defrosters, Electric Windows, Etc.

Size: 2 7/8" dia. x 4" long. Has 5/8" x 1/4" dia. shaft. Shipping wt. 4 lbs. (Used).
Olson MO-232 3 for \$11.25 \$3.98

Q **STEREO SPEAKER BALANCE CONTROL** ★ Ideal for Tape Players and Stereo Radios When 4 Speakers are Used ★ Balances Left and Right Channel Front to Rear ★ Black Finish with Chrome Accent ★ Includes Wire and Instructions.

Size: 3 3/4" x 1 1/4". Shipping weight 1/2 lb.
Olson AU-172 \$3.29

R **CIGAR LIGHTER PLUGS**

Two standard auto lighter plugs, with 32" cable attached. Ideal for CB, Radios, Players, Etc. Shipping weight 1/4 lb.

Olson X-955 Pkg. of 2 89c

S **FUSED CIGAR LIGHTER PLUG**

★ Fits Standard Auto Lighter Jack
★ 1 Amp Fuse Included ★ 5" Cable Attached ★ Ideal for CB, Tape Players, Etc.

Shipping weight 1/4 lb.
Olson X-122 89c

T **EMERGENCY WARNING SWITCH**
★ Parking and tail lights blink together. For all 6 and 12 V. systems. Shipping weight 1/4 lb.

Olson SW-374 REG. \$1.69 89c

U **REMOTE STARTER** ★ For Auto-/Truck or Stationary Engine ★ Ideal for Remote Starting Gasoline Powered Generator, Pumps, Etc. ★ Includes 40 ft. Cable and Plugs ★ For 12 V. DC., Pos. or Neg. Gnd. ★ Eliminates a Cold Auto in the Morning ★ Ride in Comfort.

Shipping weight 5 lbs.
STARTS CAR FROM THE COMFORT OF YOUR HOME

Olson AU-133 \$2.99

V **AUTO PARKING LIGHT** ★ Built-in Magnet Mount ★ Built-in Photo Cell Activates Flashing Light at Dusk ★ Complete with Cable and Lighter Plug.

Size: 4 1/4" x 4 1/4" x 8" for 12 volts DC, or Neg. Gnd. Shipping weight 2 lbs.

Olson AU-136 \$4.89

W **LOW FUEL LEVEL INDICATOR**
★ Alerts You When Your Gas Is Low
★ Adjustable from Empty to 1/4 Full
★ Solid State Circuitry ★ Flashing Red Light Becomes Brighter as Fuel Gets Lower.

Although custom designed for various cars, "Do-It-Yourselfers" will be able to install in almost any make or year of car, truck, boat or other vehicle. Size: 1 1/4" x 2" x 1 1/2". Shpg. wt. 1/2 lb.

Olson AU-171 99c

X **OLSON 12 VOLT BATTERY CHARGER**
★ Keeps Batteries Fully Charged for Instant Starts ★ For Autos, Trucks, Tractors, Boats ★ Cannot Overcharge ★ Output 12 Volts @ 1 Amp.

Shipping weight 3 lbs.
Olson AU-140 \$3.98

Y **AUTO RADAR SENTRY** ★ Audible Signal Warns of Radar Traps ★ No External Wires ★ Transistorized ★ Built-in Antenna ★ "S" and "X" Bands.

Includes 8 transistors and 5 diodes. The batteries (included) will last hundreds of hours. Size: 3 1/2" x 2 1/4" x 3 3/4". Shipping wt. 3 lbs.

Olson AU-93 \$31.98

Extra Batteries (2 req'd.)
Olson BA-108 (Mercury Cell) Ea. 1.00

Z **MARK 10 CAPACITIVE DISCHARGE IGNITION SYSTEM** ★ Up to 20% Increase in Gas Mileage ★ Installs in 10 Mins. ★ 3-10 Times Longer Spark Plug Life ★ Increased Acceleration and Performance ★ 12 V. Neg. Gnd. Shpg. wt. 4 lbs.

Olson AU-137 \$39.98

2 **TRIPP-LITE INVERTER** ★ Built-in Battery Charger ★ Transistorized ★ 12 Volt DC to 117 V. AC.

Supplies 117 volt AC, 60 cycle voltage at 200 watts continuously from 12 V. DC battery. Use with small power tools, electrical shaver, radio, TV, and some household appliances. Standard electrical female output. Size: 5 1/4" x 3 1/2". Shipping weight 6 1/2 lb.

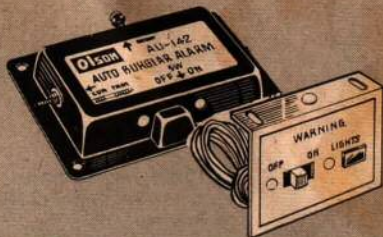
NOT FOR USE WITH REFRIGERATORS, AIR CONDITIONERS, FRY PANS AND SIMILAR APPLIANCES.

Olson RA-877 \$49.95

AU-142 **\$2⁰⁰**

With Purchase of Any Auto Reverb or Radio Below. Separately \$3.49

- ★ Activates Horn
 - ★ Built-In Emergency Warning Switch
 - ★ For 6 and 12 Volt Cars
 - ★ Protects Car Against Tampering and Theft
 - ★ Fast, Easy Installation
- Shipping weight 5 lbs.



VW Deluxe AM All Transistor Radio



RA-166 **\$37⁹⁹**

Designed for 1958 thru 1971 Volkswagen autos. Features excellent sensitivity and durable construction. 6 and 12 volts. Includes all mounting hardware. Size: 7 1/4" W. x 4 1/2" D. x 1 3/4" H. Shipping weight 7 1/2 lbs.

Side Cowl Antenna for 1958 thru 1967. AA-160 \$2.59

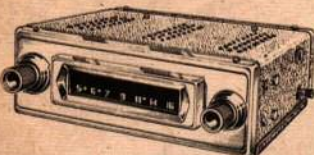
Top Cowl Antenna for 1968 thru 1970. AA-254 \$2.59

Universal AM Radio

12-VOLT TRANSISTORIZED

- ★ With Built-In 4" Speaker
- ★ Slide Rule Tuning Dial

Excellent sensitivity and stability. Compact size: 6 1/4" x 2 3/4" x 8 3/4". For use on 12-volt negative gnd. system. Shipping weight 6 1/2 lbs.



\$19⁹⁹ **RA-450**

Top Cowl Mounting Antenna w/Cable & Plug **AA-134** \$2.49 ea.

STEREO REVERB

GIBBS



AU-134 **\$29⁸⁸**

- ★ Works with Reg. Car Radio
- ★ 4 Watt Amplifier
- ★ Off/On Indicator Light
- ★ Stereo Indicator Light
- ★ Volume and Balance Controls
- ★ For Stereo Tape Systems and

- MPX Radios
 - ★ Black Leatherette and Chrome
 - ★ Variable Reverb Control
- Operates on 12 volts DC. Size: 1 3/4" H. x 8" W. x 5 3/4" D. Shipping weight 3 lbs.

GIBBS TUNABLE REVERB

AU-112 **\$19⁹⁹**



- ★ Dual Delay Units Produce Better Effect
- ★ Operates Rear Speaker with or Without Reverb
- ★ Special 2 Transistor Circuit
- ★ 6"x9" PM Speaker, **S-136**
- ★ Deluxe 6"x9" Speaker Grille, **CA-456**

- ★ Stylish Front Panel
 - ★ For All 12 Volt DC Neg. Gnd. Cars, Boats, Campers, Etc.
- Size 6 1/4" W. x 2" H. x 3 1/2" D. Shipping weight 3 lbs. **\$3.29**

SAVE!

Protect Your Investment

with an

Olson **AUTO**

BURGLAR ALARM

Universal Pushbutton Auto Radio

Motorola Bendix



RA-357 **\$12⁹⁹**
WAS \$15.98 IN 271 CAT.

- ★ Sensitive Solid State Circuit
- ★ Complete With Matching Speaker
- ★ Custom Designed for '69 Cars

Can be mounted in most 12-volt neg. gnd. cars, trucks, campers, etc. Styles may vary. Approx. Size: 7 1/4" W. x 9" D. x 3 3/4" W. Shipping weight 12 lbs.

Top Cowl Mounting Antenna w/Cable & Plug. **AA-134** \$2.49 ea.

Olson FM Auto Converter



RA-257 **\$29⁹⁸**

- ★ Adds FM to Any AM Auto Radio
- ★ Easy Installation—No Internal Wiring
- ★ Illuminated Slide-Rule Dial
- ★ All Mounting Hardware Included
- ★ Use Existing AM Antenna

- ★ Operates on 12 Volts DC Neg. Gnd.
- ★ Tuning Range: 88-108 MHz

Size: 7" W. x 1 1/8" H. x 4 1/4" D. Shipping weight 4 lbs.

STEREO FM AUTO RADIO



Concert Hall Realism for the Car

- ★ Sensitive 24 Transistor Circuit
- ★ Slim-Trim Styling Makes Ideal for All Cars
- ★ New Thumb Wheel Controls
- ★ Built-in AFC Locks in Station
- ★ Illuminated Dial w/Stereo Indicator Light
- ★ Response: 55 to 14,000 Hz
- ★ Impedance: 8 Ohms
- ★ For All 12 Volt Neg. Gnd. Cars

Styles May Vary

RA-140

\$49⁹⁹

WAS \$59.97 IN 171 CAT.

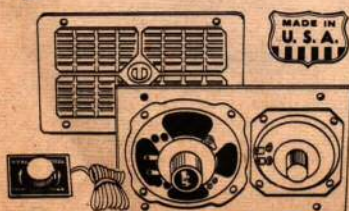
Size: 8" W. x 5 1/4" D. x 2" H. Shipping weight 6 lbs.

S-25 DELUXE UNIVERSAL MOUNTING SPEAKERS \$9.98 pr.

2-WAY

Olson WIDE RANGE 6" x 9" SPEAKER KITS

★ For Reverbs, Radios and Players



MADE IN U.S.A.

S-132 **\$9⁹⁵**
2 for \$18

- ★ Fits Standard 6"x9" Cutout With Grille, Fader Control, and Mtg. Hardware
 - ★ Powerful 5" Woofer
 - ★ Crystal Clear 3 1/2" Tweeter
 - ★ Electronic Crossover
 - ★ Universal 10-20-40 Ohm Impedance
- Shipping weight 5 lbs.

S-21 **\$9⁹⁹**
Was \$12.98 In 171 Cat.

- ★ Complete with Grille, Fader Control, Wire, and Instructions
 - ★ Massive Ceramic Magnet
 - ★ Specially Treated Cloth Suspension
 - ★ High Frequency Radiator
 - ★ Impedance: 8 Ohms
- Shipping weight 5 lbs.

MADE IN U.S.A.



DELUXE

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 75

Your Favorite Music While You Drive

on 8 Track Stereo



A RANGER Compact

- New Finger Grip Controls
- Response: 40-12,000 Hz.

This compact distinctive styled unit features solid state circuitry, "out of the way" controls for safety and convenience, and a jewel pilot light complete with mounting bracket and power cord. Operates on 12 volts DC. Neg. Gnd. Size: 5" x 3" x 6 7/8". Shipping weight 9 lbs.

Olson AU-160 **\$39.95**
 Universal Mtg. Speakers Olson S-25 **\$9.98 pr.**

B RANGER Mini-8

- Built-in Burglar Alarm
- Illuminated Control Knobs

The mightiest of the compact 8 track players which has all the features of the larger models, the built-in alarm scares off the would-be thief by the auto's horn continuously blowing. Powerful 12 watt solid state amplifier can drive multiple speakers easily. Features fine tuning, channel selector button, illuminated controls and channel indicator. Response: 40 to 12,000 Hz. Complete with mounting bracket and power cord. Operates on 12 volts DC neg. gnd. Size: 5 3/4" x 3" x 7" D. Shipping weight 8 lbs.

Olson AU-128 **\$54.98**
 * \$10 Monthly
 Universal Mtg. Speakers Olson S-25 **\$9.98 pr.**

C RANGER'S Finest

- Built-in Burglar Alarm
- Self-Cleaning Tape Head

Compare these quality features:

Ranger's finest car player has features galore to add to its dependability and operation ease. New slider type controls for volume, balance and tone, along with fast forward button offer safety and convenience. The powerful solid state 14 watt amplifier delivers clean, undistorted sound. A built-in tape light makes easy viewing of tape at night. Has fine tuning, motor on-off switch for use with tuner, illuminated track indicator and cartridge eject button. Response: 40 to 12,000 Hz. Size: 3 1/2" x 7 3/8" W. x 7 1/2" D. Operates on 12 volts DC neg. or pos. gnd. Shipping weight 13 lbs.

Olson AU-184 **\$79.95**
 * \$10 Monthly
 Universal Mtg. Speakers Olson S-25 **\$9.98 pr.**

D ■ Built-in FM Stereo Radio

Just think! Your favorite music to add to your driving pleasure. Great for boat, camper, truck, etc. Powerful solid state amplifier delivers enough power to drive multiple speakers. New "out of the way" thumb wheel controls for balance, tone, volume and fine tuning. Illuminated channel track indicators. Sensitive static free FM reception and true stereo separation from FM or tape. Response: 40 to 18,000 Hz. Complete with mounting bracket and power cord. Operates on 12 volts DC neg. gnd. Impedance: 8 ohms. Size: 8" W. x 7 1/2" D. x 2 1/2" H. Shipping weight 12 lbs.

Olson AU-189 **\$89.99**
 * \$10 Monthly **Reg. \$99.98**

E ■ New Thumb Wheel Controls

- FM Stereo Indicator Lamp

Sensitive stereo FM brings in the weakest stations. Solid state 12 watt amplifier can easily drive multiple speakers. Has illuminated channel and station indicator, fine tuning, auto/manual channel changer and built-in alarm. Response: 40 to 12,000 Hz. Complete with mtg. bracket and power cord. Size: 8" W. x 9" D. x 3 3/8" H. Operates on 12 volts DC neg. gnd. Shipping weight 13 lbs.

Olson AU-167 **\$109.95**
 * \$10 Monthly
 Universal Mtg. Speakers Olson S-25 **\$9.98 pr.**

Auto Parking Light

Separately \$4.89 only **\$3.75** with the purchase of any Tape player on this page

Built-in Magnet Mount

Built-in photo cell activates flashing light at dusk. Complete with cable and lighter plug. Size: 4 1/4" x 4 5/8" x 8" for 12 volts DC neg. gnd. Shpg. wt. 2 lbs.

A CRAIG SPECIAL BUY!

- 16 Watt Solid State Amplifier

An ideal unit for car, boat, camper, etc. Has thumb wheel controls for volume and tone. Features automatic stop and signal at end of tape, rewind and fast forward, plus cassette slot door that protects head and other parts from dust. Complete with mounting bracket and power cord. Response: 70 to 10,000 Hz. Impedance: 8 ohms. Size: 7 1/4" W. x 7 3/4" D. Operates on 12 volt DC neg. gnd. Shipping weight 8 lbs.

Olson AU-190 * \$10 Monthly **\$59.99**
 Mfr. 1970 Sugg. Resale Price \$89.95
 Universal Mtg. Speakers Olson S-25 **\$9.98 pr.**

B ■ 20 Watt Solid State Amplifier

- Mono Record/Stereo Play

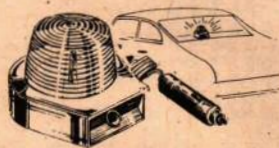
Now record or take notes in your auto as they come to mind. Also ideal for boat, camper, business, etc. New thumb wheel control for safety and convenience. Has fast forward, rewind and eject control, dynamic mike, slide-out storage tray and mounting bracket. Response: 40 to 12,000 Hz. Impedance: 8 ohms. Size: 9 3/8" x 4 1/8" H. x 9" D. For 12 volts DC neg. gnd. Shpg. wt. 10 lbs.

Olson AU-165 **\$79.95**
 * \$10 Monthly **Was \$119.95**
 in 271 Cat. **\$9.98 pr.**
 Universal Mtg. Speakers Olson S-25



SAVE!

\$114



on Cassette Stereo



76 Olson Electronics

* MONTHLY PAYMENT CHART, See Page 18

For Your Driving Pleasure and Your Favorite Music on an 8 Track Stereo Recorder/Player...

A **STANDARD**

- Records and Plays Through Your Home Stereo System
- Automatic Record Level Control

A handsome addition to any stereo system. Advanced solid state circuitry. Indicator lights for program selection, pause, record and automatic stop. Can record and stop after each program or continuously record through 4 programs. Has inputs for mike and line plus oiled walnut enclosure. Size: 3 1/2" x 13 1/4" x 7 3/4". Operates on 110-120 volts AC, 60 cps. Shipping weight 12 lbs.

Olson RA-349

See Blank Tapes Pg. 74

\$119.95



B **ROBERTS**

- New Slider Controls
- Plays Through Your Home Stereo

Features: push-button controls, solid state preamp, dual Vu meters, channel indicator lights and record indicator light. Has fast forward control, stereo head-phone jack, and inputs for mike and line. Beautiful walnut cabinet. Size: 13 1/2" x 9 1/2" x 5 3/8". Operates on 110-120 volts AC, 60 Hz. Shipping weight 15 lbs. See Blank Tapes Pg. 74

Olson RA-344

Model 808D

\$179.95



C **Olson 8 Track Stereo Tape Player**

- Automatic Channel Selection
- Plays Through Your Stereo System

Plays convenient 8 track auto type tape cartridges. Just push the pre-recorded cartridge into place and the unit turns on automatically. Illuminated program indicators. Continuous music, or you can select the program you want. Cabinet features a blend of walnut and vinyl. Simple plug-in connections. Frequency response: 50 to 15,000 Hz. Only 4 1/2" H. x 11 3/4" W. x 8 1/4" D. Operates on 110-120 volts AC, 60 cps. Shipping weight 10 lbs.

Olson RA-234

Was \$49.98 in 271 Cat.

\$39.99



Accessories For Your Auto Tape Player

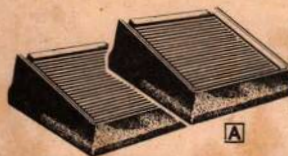
A **Olson Deluxe Stereo Speakers**

- Mounts Anywhere

Ideal for car, station wagon, camper, etc. Extra wide range response. Has oversized ceramic magnet and two 10-ft. cables attached. Impedance: 8 ohms. Size: (each) 7" x 8 1/4" x 3 3/8". Shipping weight 3 lbs.

Olson S-25

\$9.98



B **Deluxe 5 1/4" Speaker Kit**

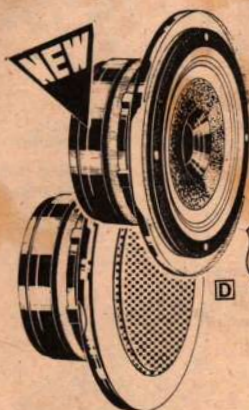
- Mount in Doors or Panels

Ideal for auto tape players, stereo/FM radios, etc. Has heavy-duty ceramic magnet and cloth roll suspension that increases bass response. Includes snap-on chrome grilles, wire and hardware, for 4 or 8 ohm impedance. Power capacity to 8 watts. Shipping weight 3 lbs.

Olson S-147

2 Kits for \$31.50

\$15.98



C **OUR FINEST**

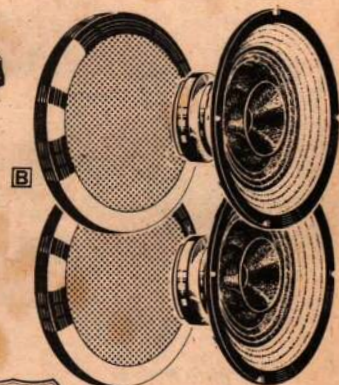
6"x9" 2-Way Auto Speaker System

- Ideal for Auto Tape Players, Radios, Reverbs, Etc.

Powerful 6" x 9" woofer, crystal clear 2 1/2" tweeter and electronic crossover. Has cloth roll suspension that gives added flexibility for deep, distortion free bass. 10 oz. ceramic magnet. Mount on rear deck, side panels, in campers, bus, etc. Complete with fader control, stylish black grille, hardware, wire, template and instructions. Shipping weight 6 lbs.

Olson S-151

\$17.98



D **Our Finest TRUSONIC Auto Speakers**

- The Ultimate in Car Stereo Speakers

It's like listening to your home stereo. Mounts in doors, kick panels, rear deck, etc. Has massive 2-lb. ceramic magnet, free-cone suspension that provides deep solid bass and moisture-proof cone. Power capacity: 12 watts each speaker, wide range response and 8 ohm impedance. Kit includes 2 speakers with snap-on chrome grilles, wire, hardware, templates and instructions. Size: 5" dia. x 1 3/4" D. Shpg. wt. 8 lbs.

Olson S-148

2 Kits for \$60

\$34.98



Olson Trusonic 5" Speaker Separately. Ideal for Home Hi-Fi/Stereos

Olson S-149

\$16.98 each

E **KOSS Auto Tape Player Stereo Headphones**

- Response: 20 to 15,000 Hz.
- 8' Retractable Cord

Ideal for keeping the kids occupied while traveling. Eliminates road and background noises, offers smooth fatigue-free response. Includes jack for hook-up to player. Shpg. wt. 2 lbs.

Olson PH-30

\$19.95





1st Time at These Prices from **Olson** Great Gifts for Mom, Dad or Grad!

Olson Deluxe 30 Watt Stereo FM/AM Receiver

- ★ Stylish Black-out Front Panel
- ★ Illuminated Dial and Tuning Meter
- ★ Beautiful Walnut Finished Wood Cabinet
- ★ Stereo Station Indicator
- ★ Stereo Headphone Jack
- ★ FM-AFC
- ★ Built-in AM Antenna

Here's the ideal starter Receiver for Junior, Sis, Mom or even Dad. The **Olson** RA-287 is one of our best buys in Stereo components. Easy to hook up—Beautiful to look at and simple to operate. It has many features found on the larger and more expensive models, but at a price you can afford.

Specifications: Tuner: Excellent Sensitivity, MPX Separation; 30db. Capture Ratio; 6 db Image Rejection; 40db Amplifier; Response, 40-30,000 Hz. Bass Control: ± 10 db @ 100 Hz. Treble Control: ± 1db at 10,000 Hz. Impedance 8 ohms. Inputs: Mag. Phono. and Aux (crystal Phono or Tape Deck). Has Tape Recorder output jacks, Circuit breaker circuit protection, push button speaker connection.

Size: 15 3/4" x 3 3/4" x 9 1/4" D. Operates on 110-120 V. AC. 50/60 Hz. Shipping weight 10 lbs.



Olson RA-287
Reg. \$135 **\$119⁹⁹**
*\$10 Monthly



PACE 23 Channel CB 2-Way Radio

- ★ Complete Ready for 23 Channel Operation
- ★ All Silicon Transistors for Reliability
- ★ Dual Conversion Receiver
- ★ Ideal for Business, Emergency, Public Service, Etc.
- ★ Built-in SWR Meter Lets You Tune Set to Antenna
- ★ Includes Powerful Variable Output Desk Mike
- ★ Walnut Finish Cabinet
- ★ Headphone Jack for Private Listening
- ★ Also Great for Auto or Boat

Size: 16 1/4" x 5" x 9. Operates on 110-120 Volts 60 Hz. and 12 Volts DC.
CB-173
Reg. \$330 **\$289⁹⁵**



8 Track Auto Stereo Tape Player

Olson AU-117 **\$27⁹⁹**
Styles May Vary
Reg. \$29

- ★ Automatic Channel Changer
- ★ Electric Motor Speed Control
- ★ Powerful Solid State Amplifier

Handsomely styled in black and chrome. Installs easily under dash with mounting brackets included. Clear, full range tone. Response: 80 to 12,000 Hz. Operates on 12 volts DC, neg. ground. Size: 6" x 7" x 3". Shipping weight 8 lbs.



FANON CB 2-Way Radio

- Base or Mobile
- ★ Business, Car, Home
 - ★ Up to 12 Crystal Controlled Channels
 - ★ Solid State Circuit
 - ★ Built-in AC Power Supply
 - ★ Signal Strength Meter
 - ★ Rugged Push to Talk Mike
 - ★ Sensitive Dual Conversion Receiver

et. Operates on 110-120 Volts AC and 12 Volts DC Neg. or Pos. Gnd. Size: 9 1/2" W. x 5" D. x 2 3/8" H. Shipping weight 7 lbs.

SEE MORE CB UNITS & ACCESSORIES PG. 38-39
Olson CB-182
Reg. \$79.99 **\$66⁶⁶**
*\$10 Monthly

Extra Crystal Certificate: **Olson** CB-185 for (1-Trans-1-Receive) ... \$4.95 *et



Olson Deluxe Stereo Speakers

Olson S-20 **\$8⁸⁸**
Reg. \$9.98

- ★ Includes Two Speakers Complete With Cabinets
- ★ Mount Anywhere in Car, Station Wagon, Bus Camper, Etc.
- ★ Molded Cabinet Resists Scuffs and Nicks
- ★ Features Hi-Fidelity Special Design Speakers
- ★ Impedance: 8 Ohms.

Size: 7 1/2" W. x 5 1/2" D. x 4 1/2" H. Shipping weight 2 lbs.



Custom Stereo Speakers

Olson S-979 **\$2⁹⁹** ea. Reg. \$3.99

- ★ Heavy Duty 3"x5" Speaker
- ★ Rugged Vinyl Cabinets
- ★ Mounts on Kick Panels, Doors
- ★ Cable Included
- ★ 8 Ohms.

Size: 7" W. x 3 3/4" H. x 8 1/4" D. Shipping weight 2 lbs.

DELUXE SPEAKER SYSTEM. Two Speakers Like Above with Heavy-duty magnets plus mtg. hardware.
Olson S-18 **\$7.77**

Compact Auto Reverb

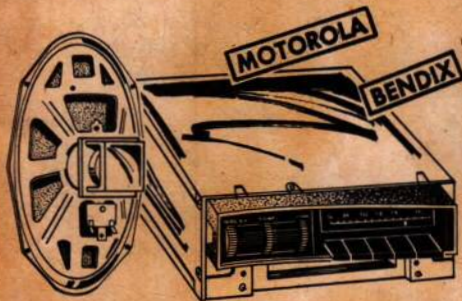
- ★ Operates Rear Speaker With or Without Reverb



Combination control, switch turns reverberator on and off and also adjusts balance between front and rear speaker. Complete with instructions and connectors. Size: 6 1/2" W. x 1 1/4" H. Operates on 12 volts, neg. ground system. Shipping weight 3 lbs.

Styles May Vary
Olson RA-749 **\$4⁹⁹**
Reg. \$9.98

- 6x9" PM Speaker **Olson** S-136 \$3.29
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- ★ Sensitive Solid State Circuit
- ★ Complete With Matching Speaker
- ★ Custom Designed for '69 Cars

Olson RA-357
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8 Track Tape Starter Kit

- ★ Attractive Walnut Vinyl Covered Storage Rack
- ★ 12 Blank 8 Track Tapes 6-30 Min., 3-48 Min., 3-70 Min.
- ★ Rack Stands Vertically or Horizontally
- ★ Great for Tape Library, at Home, School, etc.

Size: 14 1/4" x 4 1/2" x 4 1/2".
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Olson AS-461
\$17⁹⁸

Reg. \$23.94 Value
If Purchased Separately



Olson Stereo Level Control

- ★ Controls Volume of Ext. Speakers
 - ★ Balances Dissimilar Speakers
 - ★ Mount on Wall or Back of Cabinet
- Size: 4 3/4" W. x 2 1/8" D. x 2 1/4" H. Shipping weight 1 lb.

Olson HF-137
Reg. \$3.98
\$2⁹⁹



Speaker Control

- ★ Balance Between Front and Rear Speakers
- Shipping weight 1/4 lb.

Olson SW-133
79[¢]

Deluxe Control, Like Above But Has Jack on Front Panel for External Speaker. AU-110. 99¢



Deluxe Stereo Tape Caddy

- ★ Holds 12 8-Track or 4-Track Tapes
- ★ Alligator Vinyl Covered
- ★ Luggage Type Latch & Hinges
- ★ Sturdy Carrying Handle
- ★ Built-In Dividers

Size: 14 1/4" x 4 1/2" x 6". Shipping weight 3 lbs.

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9 V. Battery (1 req'd.)
Olson BA-89 21¢



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