



ANTIQUE RADIO CLASSIFIED



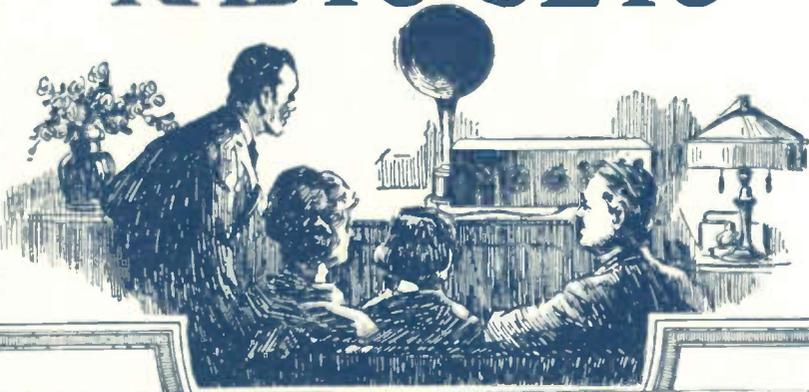
VOLUME 5

JULY 1988

NUMBER 7



RADIO SETS



TIMES SQUARE AUTO SUPPLY CO.

MAIL ORDER AND MAIN OFFICE 56TH ST. & BROADWAY N.Y.C.
FOR ADDRESSES SEE INSIDE COVER

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

ANTIQUE RADIO CLASSIFIED

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POSTMASTER: Send address changes to Antique Radio Classified, P.O. Box 2, Carlisle, MA 01741.

STAFF

Staff and Editor:	John V. Terrey
Publishing Staff:	Mary E. Annavedder
Betsy Dumka	Chris Friedrickson
Bobby Lyman	Joan Cardiasmenos
Founding Publisher/Editor:	Gary B. Schneider
Contributing Writers:	Richard L. Arnold
Norman S. Braithwaite	Dave Crocker
Alan S. Douglas	Mike B. Feher
Richard C. Foster	Jim Fred
Frank Heathcote	David W. Kracuter
Jim Kreuzer	Harry Poster
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Gary B. Schneider	Howard Stone
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PURPOSE. Antique Radio Classified is published for people involved in the radio collecting hobby. Its purpose is to stimulate growth of the hobby through the buying, selling and trading of radios and related items, and to provide a monthly forum for the interchange of ideas and information.

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

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Page	Artwork Size (send in this size)		As Printed (size in magazine)		Cost for 1-month	Cost for 3-months	Cost for 6-months	One-time Cost for A.R.C. to makeup Ad (if requested)
	H x W (inches)	H x W (inches)	H x W (inches)	H x W (inches)				
Full	11 13/16 x 7 1/2	6 5/8 x 4 3/4	6 5/8 x 4 3/4	6 5/8 x 4 3/4	\$70.00	\$189.00	\$355.00	\$24.00
1/2 H	5 1/4 x 7 1/2	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	35.00	94.00	178.00	12.00
1/2 V	11 13/16 x 3 9/16	6 5/8 x 2 1/4	6 5/8 x 2 1/4	6 5/8 x 2 1/4	35.00	94.00	178.00	12.00
1/4	5 1/4 x 3 9/16	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	18.00	48.00	91.00	6.00
1/8	2 5/8 x 3 9/16	1 5/8 x 2 1/4	1 5/8 x 2 1/4	1 5/8 x 2 1/4	9.00	24.00	46.00	3.00
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The 3-month rates represent about a 10% discount, the 6-month rates, 15%. We have no agency discounts.

Photos should be at an 85 line screen; otherwise, add \$5.00 per photo for screening. (Do not glue photos to artwork; submit separately.) If you are confused by these requirements and terms, please write or call A.R.C. before beginning to prepare your ad. We will be happy to advise you on your ad ideas, and estimate how much the ad will cost and/or recommend an ad size, etc.

We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet A.R.C.'s specifications. A late ad will be run beginning with the next month.

Advertising is accepted only for items related to antique radios, communication, electricity, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, and to resolve problems promptly if the buyer is not satisfied.



ANTIQUE RADIO CLASSIFIED



EDITOR'S COMMENTS

The July issue is *Antique Radio Classified's* annual renewal issue; about one-third of the subscriptions expire in the next month or two. Although subscriptions now are taken on a rolling basis, subscriptions for over 1,000 of you long-time subscribers of A.R.C. will expire in August or September. Renew today, before you forget.

For this issue, a varied group of articles are included. In *Grebe's Tales*, Alan Douglas reconstructs, from notes found with a Grebe Synchrophase console, the story of its purchase. Dave Crocker contributes to the ongoing effort to standardize the condition descriptions of radios in his article — *The Good, The Bad and The Ugly!* Harry Poster writes about early transistor television sets introduced by Philco, Motorola and Sony.

William Sureck suggests collecting radios by their cabinet design in his article *Collecting 1950's Radios by Design. Sticker Shock*, by Ron Ramirez, gives new collectors a few tips on being an informed buyer and saving on repair parts and radios. As promised last month, James Fred's third installment on repairing AC TRF radios appears here.

The *Times Square Auto Supply Co.* radio catalog was chosen for this month's cover because of its cover and ads. Readers have suggested that A.R.C. reprint early ads, and three pages are included from this catalog. If these pages print clearly, more may be printed in future issues.

Part IV of Andrew Mooradian's *Olde Tyme Radio Services Directory* appears in this issue. See page 18 for information on how to order the complete directory and list your service.

The A.R.C. auction is rolling along. Bidding by postcard slows down the auction process, but its purpose to allow everyone, not just the first caller, a chance to purchase a desirable set appears to be working. The auction page is now opposite the inside back cover.

Repair — restore — refinish — replica. Although everyone wishes to own a mint, all-original example of their favorite set, this is rarely possible. Sets usually have to be repaired, refinished, restored and sometimes supplemented with replica parts. A.R.C.'s advertisers seem to be heeding our request of over a year that advertisers identify reproductions, reprints and not-original items in their ads. What are your thoughts on these four words?

I just returned from the Antique Radio Club of America meet in Charleston, W. Va., where many of you stopped by my table to say, "Hi." The *Meet the Editors and Authors* session filled a room (about 70 attended). Although the rain outside might have helped the attendance a bit, the weather cleared up for the rest of the meet.

I encourage you to look over the *Coming Radio Events* page and to attend one of the many meets this summer and fall. I next will be at the July 30th meet in Rhode Island. This meet combines the interests of both steam and radio enthusiasts at the New England Wireless and Steam Museum, near Providence, R.I.

Major meets are also planned over the next several months in Georgia, Michigan, Illinois and New York. I will make several of them and hope to see you there too.

Have a successful collecting summer.

John V. Terrey

OOPS!

Two diligent readers, Alan Douglas and Richard Foster, sent corrections to last month's RCA Radiola 26 article. The correct year of introduction was 1925, not 1924. The battery box was included with *all* sets, not an accessory as stated. Also, the use of the meter as shown in the photograph is incorrect. On this model the pin jacks on the panel are for headphones; Models 25 and 28 have pin jacks for a filament voltage meter.

I was surprised that none of you proofreaders out there wrote about my placing Hertz' experiment in the eighteenth century. Of course, 1888 is in the nineteenth century.

ON THE COVER

The Times Square Auto Supply Co., Inc. radio catalog is shown on this month's cover. Although no date is printed in the catalog, a pencil notation indicates ca. 1924.

Pages from the catalog are reprinted in this issue showing the RCA Radiola V and the Tuska Model 225; both are very collectible sets today. Also reprinted is an ad for the "house brand" Bee-Line Tuner and Detector. Another house brand, Radiotone, was also included in the catalog. I would be interested in hearing from anyone who has more information on this company and/or the Bee-Line and Radiotone brands.



WITH THE COLLECTORS

For now let me set aside Crosley radios, my usual topic, and bring up a subject whose time has come – namely, the condition descriptions of radios for those who buy, sell and swap. Terms such as “junkier,” “mint,” and “nice” have different meanings to many collectors, and more than one buyer has been upset by the seller’s description upon opening a UPS delivery.

I believe that the antique radio collecting hobby is credible enough now to accept a rating standard for its equipment, just as coin, stamp, firearm and auto collectors do for theirs. As Jim Kreuzer’s “Value Guide” column (in 1984, ‘85 & ‘86 A.R.C.) helped stabilize antique radio prices, I am attempting to separate “the good, the bad, and the ugly” by advising the following gradations. I heartily welcome your recommendations and comments.

Let me suggest a simple letter-grade system written as (A) or (B) or (C), down to (G) – the (A) for the best and the (G) for the poorest. Radio tubes do not apply.

- A. A “mint” condition set, hardly used, showing no wear, totally original with all working parts, no cabinet refinishing needed, all plated parts bright, clean, as purchased condition.
- B. An “excellent” condition set, totally original with all working parts (including audios), unaltered, unfinished, showing some wear, some cleaning or touch-up necessary, any repairs done so expertly.
- C. A “very good” set, intact piece with all parts (although some non-original), if not working it can easily be made operable, cabinet in need of some attention, any necessary grille cloth undamaged, chassis has dust (needs cleaning), all knobs there, panel uncracked.
- D. A good example of an “unchecked” set, possibly with a few parts missing or non-original parts of different manufacture installed, some chassis rust, in need of cleaning and repair, usually not working but with an effort can be made operable, audios usually open, some original knobs or dials replaced with “something else” or missing altogether, cabinet in need of refinishing or veneer repair.
- E. A non-working, incomplete set with many parts missing, broken or replaced with another manufacturer’s brand; dusty, dirty chassis with rust; cabinet too rough to restore without a major undertaking, everything in need of attention, no guarantees.
- F. A “basket case,” incomplete with most parts missing, chassis altered beyond original design, cabinet if any a disaster, usually not worth saving, truly a “junkier” desirable only for a few needed parts.
- G. Rusty clock parts mistakenly thought to belong to an old radio.

(Dave Crocker, 6 Old Farm Road, Duxbury, MA 02332)

Every month when he got his assessment sheet in the mail from headquarters, he would use the blank back side for scratch paper. The nice thing about this (now) is that each sheet is dated. So we know that his wife listened to cooking shows and popular music and could hear stations as far away as WIOD Miami. Since the first sheet is dated May 1, 1925, (and arrived a month earlier), it is very likely the set was bought in April. Since some of the log sheets are on the backs of stock and bond prospectuses, the family evidently had some money to spend.

In fact, from reading between the lines of scribbled notes, we can even follow the family through the radio store. “Sonora built-in horn” might indicate a dislike for a separate gainily

speaker. Lists of accessories and prices hint at: “Look, dear, by the time you’ve added a \$40 horn, \$28 table, batteries and tubes and other odds and ends, you’re spending almost \$300. Why not pay a little more and get it all built into one nice-looking piece of furniture?” Apparently they did.

You can also picture the fast-talking salesman, spouting technical phrases while the bewildered couple try to take notes. “Straight-line F” and “2 stage” came through all right, but: “gridling”??? Well, what novice radio listener ever heard of a grid leak?

(Alan S. Douglas, Box 225, Pocasset, Mass. 02559)



Describing Your Radio... The Good, The Bad & The Ugly!

BY DAVE CROCKER



VINTAGE TELEVISION

EARLY TRANSISTOR TVS

BY HARRY POSTER

Although most TV collectors consider early tube-type televisions as the most interesting, there is a small but growing demand for the early transistorized TVs. While Philco was producing its printed circuit board, tube-type Predicta line of large vacuum-tube televisions, it was also scooping the industry with the first battery-operated portable TV.

In July 1959, Philco notified its service people and sales outlets of a revolutionary product, "the new lightweight, fully transistorized television receiver" which "caught the industry not just by surprise, but in open-mouthed astonishment." The Philco Safari Model H-2010, shown in Figure 1, was born. TV could

then ride the autos, trains, boats and airplanes, with a promised picture-perfect reception. The Safari had a two-inch picture tube, Type 2EP4, and used an optical system to enlarge and project the image to the viewer. The 10AT10 (1960 release) chassis was powered by either 117VAC, or a 7.5 volt P-560 battery. This rechargeable alkaline battery (unfortunately discontinued about ten years ago) powered the set for four hours, and then was to be recharged for about twenty hours.

The Safari's picture image was designed to be viewed from a distance of about five feet; this image was supposed to appear to be the same size as that seen on a 14-inch direct-view set. This is

made possible by a parabolic mirror which projects the image toward the viewer. However, in use, the top and sides of the image were clipped if the set is viewed from more than a couple of feet away. The Philco Safari used 21 transistors plus two rectifier tubes, both Type 5642, the only vacuum tubes used besides the picture tube. It was produced with both brown and black cabinets; at the modest price of about \$250, the 10AT10 was a good buy for the family on the go!

Although RCA, Emerson and GE had demonstrated prototypes of transistor televisions, the next set released was a Motorola. This second entry into the new field of transistor TVs was the Astronaut, marketed and sold in early 1961. The set was large and heavy; it looked like a black suitcase, but when the front cover was removed, the 19" CRT (Type 19AEP4) was revealed with the Astronaut name and logo set at the bottom left of the plastic



Figure 1. Philco Safari. First transistorized, portable TV. Rechargeable battery alongside.

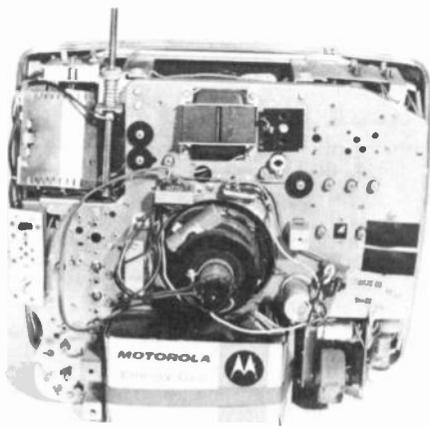


Figure 2. Motorola Astronaut Model 19P1-1, rear chassis view. Special rechargeable battery strapped-in, at bottom.

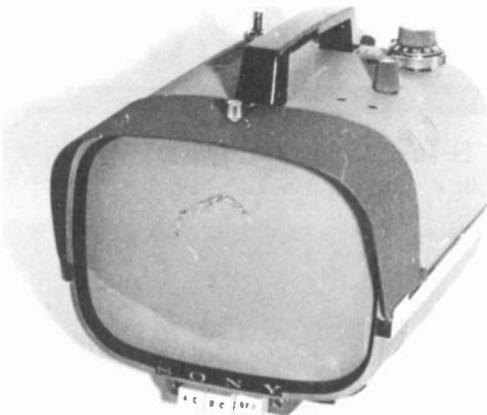


Figure 3. The first Sony, Model B-301W, has 8 1/2" CRT.

safety screen.

The TV had 25 transistors and only one vacuum tube – a 1S2A HV rectifier. Portability was made possible by designing a special recharge-

The first battery-operated portable television was the *Safari*, introduced by Philco in July 1959. Motorola followed with their *Astronaut* in 1961, as did Sony with their *Model B-301W*.

able silver-cadmium 18v battery, shown in Figure 2. It was interesting that many of the transistors in this set were pushed into transistor sockets; this made removal for testing and replacement much easier.

Apparently, the *Astronaut* was a problem to fix and stay fixed. Although many *Safaris* are still playing well (on AC), the *Motorolas* were quickly destined for doom. Many TV shops remember the sets playing for a few hours at most! And, Motorola was willing to recall and give a refund for as many *Astronauts* as possible; this in a time when "Caveat Emptor" was the law of the land.

Not to be outdone by American manufacturers, the Japanese company Sony produced a Model 8-301W transistorized television in late 1961. This set, shown in Figures 3 and 4, was compact and well-made. The CRT was a special 8 1/2" Type 210HB4, which was driven by two 1DK1 rectifiers, used in a doubler to produce 6000 volts. Besides these two tubes, 23 transistors and 18 diodes were used. An AC line

cord could be used or a special wet battery-pack attached to the back of the set, giving about three hours of use. Unfortunately, when found, these lead-acid batteries are usually in poor condition and corroded. Using an auxiliary kit, the viewer could plug his TV into 12VDC from an automobile or boat battery.

The tuner had 14 positions; channels 2-13 plus two spares which could be filled in, if and when, UHF programming was available in the viewer's area. Unlike its predecessors, the 8-301W used many standard transistors; Sony had made an effort to send any unusual or special parts to all of their national distributors before the set was marketed. The TV was modular in design; once the outside sheet metal was removed, the internal PC boards could be easily removed and repaired or replaced.

Many collectors have obtained the Philco *Safari*, which seems to be relatively common, but most have never seen a Motorola *Astronaut*. Initially produced in limited numbers, coupled with the destruction of many sets, the *Astronaut* is probably the most difficult early transistor TV to be found. The Sony has a 1950's look, and recently it has found a place on the antiques and collectible circuit. The 8-301W appears to be the most common of the three sets mentioned; however, this could be deceiving. The Sony has only recently been displayed and sold, so many of the existing sets may still be in circulation, not locked into collections.

If you come across any early transistor televisions, they may be just what you need to spice up your TV collection. And, if you really don't like the non-vacuum tube sets, maybe they would make good trading material at the next radio meet!

(Harry Poster, P.O. Box 1883, So. Hackensack, NJ 07606)

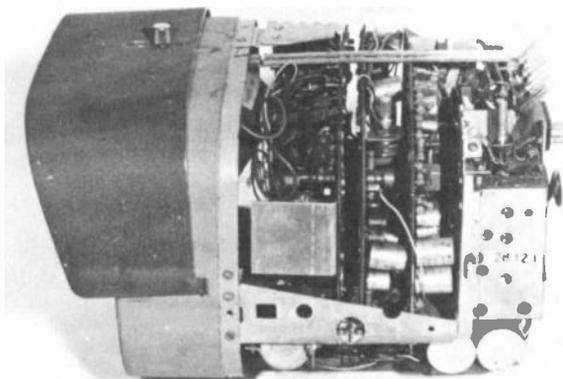


Figure 4. Side view of Sony B-301W. Printed circuit boards are visible.



WITH THE COLLECTORS

COLLECTING 1950'S RADIOS BY DESIGN

BY WILLIAM P. SURECK

The rise in popularity of the 1950's Deco style radio has paralleled the ever-increasing interest in the artistic designs characteristic of that decade.

Companies including Crosley, Arvin and Admiral created interesting sets that incorporated aerodynamic and free-form (nonsymmetrical) designs mimicking other consumer goods of the era.

These radios were often marketed in a carnival-like variety of colors that served to transcend the more traditional brown or white radios of earlier years, excluding Catalins. Bakelite and metal cases were factory painted colors such as red, green, peach, pink, blue and turquoise, while plastic sets were molded in these colors. Such radios tended to offset typical blond wood and wire furnishings or complement the brightly colored appliances, upholstery and wallpaper used in the 1950's.

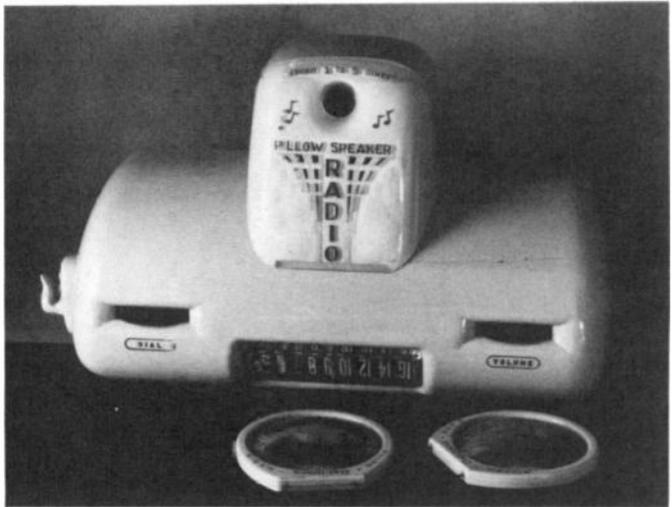


Figure 1. Dahlberg Pillow Speaker Radio Model 430-D1, ca. 1955. A dime was required for operation as the customer rested; speakers were placed under one's pillow and the inverted dial could be read in bed. Shape even seemed to simulate a pillow.

While the initial impact of these radios may be their bold colors, closer inspection reveals design details that mirror the emergence of the Atomic Age jet propulsion and finally the Space Age.

Echoing auto design of the period, radios can be found that have fins, a radar-like face, and imitation starburst dials. Still others have rocketship-like dial pointers and chrome accents that suggest a 50's-style dashboard.

Examples of radios with these characteristics and also in excellent condition are not very common, at least in the Chicago area. Perhaps these radios were considered more disposable (being plastic), less expensive, and less like furniture than radios of earlier vintage.

Colored 1950's radios with above-average design are in such demand,

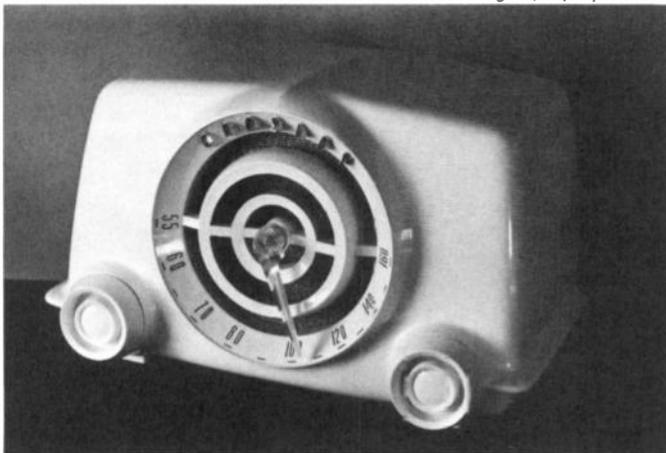


Figure 2. Crosley Model 11 100U. This 1951 model was one of a variety of Crosleys with an airplane dial-like face and available in several colors. Note the short fin-like designs on the side of the case.



WITH THE COLLECTORS

SHOPPING FOR RADIOS AND PARTS

"STICKER SHOCK!"

(ESPECIALLY FOR THE BEGINNING COLLECTOR)

BY RON RAMIREZ

In these days of inflation and high prices, "sticker shock" is something we all face when purchasing that new car, appliance or even a house. But have you ever been hit with it when buying parts for that old set you just have to fix this week so you can hear what it sounds like?

For my recently acquired classic Philco Model 70 and a couple other sets needing a good restoration, I went to my local distributor to pick up some parts with which to fix them. The parts filled the bottom fourth of a small sack about the size of a lunch bag. I estimated the cost at around thirty-five dollars. The man at the counter totaled up my order and announced the cost – nearly seventy dollars!

"Sticker shock!" I felt my jaw drop, like Wile E. Coyote's does in those Road Runner cartoons. I felt a little sick for a few days afterward. My wife was not shy in letting me know how she felt more than a little unhappy about it!

The sad fact is that the local distributors are selling parts like 10 uF, 450v electrolytics for around three dollars and 0.47 uF, 600v capacitors for over six dollars. And, as most of you know, many of the old sets use lots of 0.47 uF capacitors!

But there's good news! You don't have to pay outrageous prices for your parts. All you need is a little patience and a willingness to do business with some of the mail order firms offering electronics parts. Antique Electronics Supply, 688 West First St., Tempe, Arizona 85281, specializes in parts for the collector, as does Puett Electronics, P.O. Box 28572, Dallas, Texas 75228. Some other parts' suppliers which carry a general line of electronics parts, including some things we collectors can use, include MCM Electronics, 858 E. Congress Park Dr., Centerville, Ohio 45459, and Hanifin Electronics, P.O. Box 188, Bridgeport, Pa. 19405. These are just a few examples; many more can be found in this issue of A.R.C. Send for their catalogs, and compare their prices with your local distributor's; you may get a pleasant surprise!

"Sticker shock" can also hit you when you go

into the area antique shops, flea markets, etc. A collector friend once told me about a Super-Zenith VIII that a certain man had in his house. I went to look at it; when I asked him what he wanted for it, he said, "Fifteen hundred dollars!" And he wasn't kidding!

Most antique shops, flea markets, and private owners will bargain with you on the price. As an example, on a recent trip I went into an antique shop and found a Philco Model 20 in a lowboy console, priced at \$18. My wife was with me, and I told her, "Watch this." I found the shop owner and told him I would give him \$10. He said, "\$15"; I held firm at \$10. Finally he told me, "Doggone it, give me the ten. You knew you were going to buy it anyway!"

Those relatively new to the hobby need to get an idea of the worth of the radios they want to collect. I suggest a good price guide such as Fathauer's *Radio Collector's Directory and Price Guide* [Unfortunately, this book is currently out of print, Editor]. After collecting for a while, you will get an idea of what most radios are worth. And if you get into a situation where you find a set you want to buy and the owner will not bargain with you on the price which you feel is too high, walk off; sometimes that will change the owner's mind. If this does not work, you may later find another radio at a better price. I wouldn't pay \$1,500 for a Super-Zenith VIII, and you shouldn't either, unless you are super rich!

Also, you have to consider the condition of a set when you purchase it. I only paid \$10 for the Philco Model 20 because of its poor condition. Obviously, sets in better condition bring more money.

And so, whether you are shopping for parts or looking for sets, learn to be a bargain hunter! Invest some money in postage; write to the fine folks advertising here in A.R.C., and take advantage of their services. Last but not least – don't let "sticker shock" shock you!

Happy collecting!

(Ron Ramirez, 807 Maple St., Providence, KY 42450)

according to one Chicago-based antique dealer, that brown or white radios from the 1930's and 1940's are being bought by "artistic types," spray-painted gaudy multicolors and passed as authentic 1950's (or earlier) colored models.

Hopefully, this is not a trend that will compromise the preservation of what is both a reflection of popular culture and a form of mass-produced

art.

While collecting radios from the decade of the 50's has gained substantially in legitimacy and popularity in just the past couple of years, it remains to be seen where prices for these new-found collectibles will level off.

(William P. Sureck, 810 S. Cleveland Ave., Arlington Heights, IL 60005)

TIMES SQUARE AUTO SUPPLY CO.

MAIL ORDER AND
MAIN OFFICE

56TH ST. & BROADWAY N.Y.C.

Times Square Auto Supply Co., Inc. – Part 1

The Times Square Auto Supply Co., Inc. was one of the many firms which found itself in the radio business when the sales of radios soared in the early 1920's. Not only did they have six stores in New York City, but twelve out-of-town stores including ones in Rhode Island and Wisconsin. On these pages and in future issues, A.R.C. will reprint a few of the pages from their 1924 catalog.

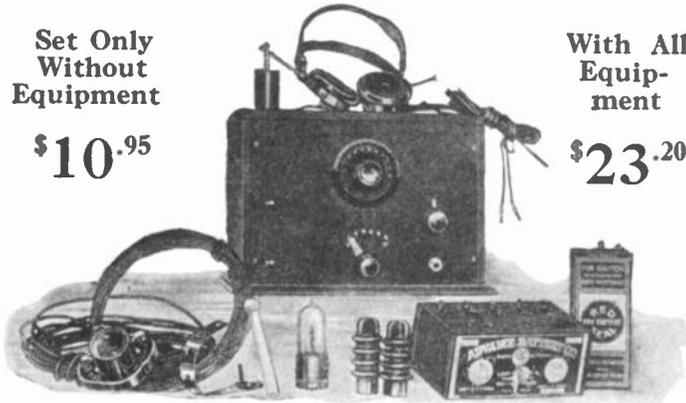
BEE-LINE TUNER and DETECTOR

Set Only
Without
Equipment

\$10.⁹⁵

With All
Equip-
ment

\$23.²⁰



Complete Outfit Consists of

- Tuner-Detector.
- 1 WD 12 Radiotron Tube.
- 1 2000 Ohm Head Set
- 1 Phone Plug
- 1 Ex-Cell 22½ Volt "B" Battery No. R-31.
- 1 Red Seal Dry Cell.
- 1 Sensory Lightning Arrester.
- 100 Feet Stranded Copper Aerial Wire.
- 25 Feet Lead-In and Ground Wire.
- 1 Ground Clamp.
- 2 Porcelain Insulators.
- 1 Porcelain Tube.
- Complete Outfit **\$23.20**

The circuit used in this unit has been recently designed and is very simple in operation, the entire adjustment consisting of only three controls. Tuning is accomplished by a Forty-three Plate Variable Condenser and tapped Inductance Switch. Binding Posts for connecting Batteries are mounted inside the cabinet.

The WD 12 Radiotron Vacuum Tube permits the use of dry cell batteries which, if desired, can be conveniently placed within the cabinet. The cabinet is of a rich brown solid mahogany wood, size 7 x 7 x 10 inches. The panel is of black composition. The batteries, head set, wire, lightning arrester and insulators furnished with the complete outfit are of the very best grade.

No. R-17. Tuner-Detector complete with all equipment. Price **\$23.20**

No. R-18 Tuner-Detector only without equipment. Price..... **10.95**

R.C.A. Radiola V

Complete With Loud Speaker
for

\$143.¹⁵



Complete Outfit Consists of RADIOLA V

- Radiola Loud Speaker.
- 3 UV-199 Radiotron Tubes.
- 1 Brandes Head Set.
- 2 Phone Plugs.
- 3 Red Seal Dry Cells.
- 2 Ex-Cell 45 Volt "B" Batteries No. R-35.
- 1 "C" Battery R-333.
- 100 Feet Stranded Copper Aerial Wire.
- 50 Feet Lead-In and Ground Wire.
- 2 Porcelain Insulators.
- 1 4 inch Molded Lead-In Insulator.
- 1 Ground Clamp.
- 1 Sensory Lightning Arrestor.

The Radiola V is one of the most popular receivers available. In appearance and efficiency it will satisfy the most critical. Its outstanding feature is a metal cabinet, mahogany finished, which can not be chipped or broken and is beautiful in appearance. The cabinet is shielded to prevent body capacity when the hands are close to the instrument for the purpose of tuning, eliminating electrical strays, unpleasant whistles and howls.

It is surprisingly simple of operation, being tuned with two large knobs and dials at left of panel. One is provided with vernier adjustment which controls the wave length, insuring very fine adjustment and strong signals. The remaining dial and knob controls the regeneration which gives this set its tremendous range and volume. The three knobs on right of panel are the rheostats which have no connection with the tuning but permit the adjustment of the tubes. The set is universally serviceable as it is operated by use of dry cells which eliminates the necessity of recharging storage battery.

Radiola V consists of a regenerative tuner detector and two stages of Audio Frequency Amplification. Three jacks are provided so that phones may be connected to the detector only or detector and one stage of amplification or the loud speaker to the second stage of amplification. The set includes a Radiola Loud Speaker.

The Radiola V is easily installed, simple to operate and will furnish wonderful entertainment.

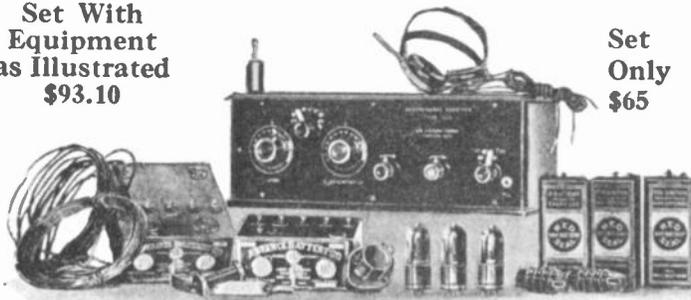
No. R-122. Radiola V complete outfit including loud speaker. Price..... **\$143.15**

TUSKA REGENERATIVE RECEIVER AND TWO STAGE AMPLIFIER

TYPE No. 225

**Set With
Equipment
as Illustrated
\$93.10**

**Set
Only
\$65**



**COMPLETE SET WITH
STORAGE BATTERY
EQUIPMENT
CONSISTS OF**

- Tuska No. 225 Tuner-Detector and Two-Stage Amplifier.
 - 2 UV-201A Radiotron Amplifying Tubes.
 - 1 UV-200 Radiotron Detector Tube.
 - 1 2000 Ohm Head Set.
 - 1 Phone Plug.
 - 1 6 Volt 90 Ampere Hour Storage Battery.
 - 1 Ex-Cell 22½ Volt "B" Battery No. R-32.
 - 1 Ex-Cell 45 Volt "B" Battery No. R-35.
 - 2 "A" Battery Clips No. R-32S.
 - 1 Sensory Lightning Arrester.
 - 100 Feet Stranded Copper Aerial Wire.
 - 50 Feet Lead-In and Ground Wire.
 - 15 Feet Rubber Insulated Wire.
 - 1 Ground Clamp.
 - 2 Porcelain Insulators.
 - 1 4 inch Lead-In Insulator.
- Price complete outfit **\$105.20**

The Tuska No. 225 is an ideal outfit combining all the latest up-to-date features of radio reception. We selected this sterling set from many others after the most critical tests had been made to establish its ability to receive near by and distant stations in a manner not surpassed by any other radio receiver. It represents the highest point in radio development. The simplicity of the circuit used makes the set very easy to operate. There are only two knobs, one controls the wave length and the other amplifies.

Tuska No. 225 is licensed under Armstrong Patent 1113149 and consists of a complete Tuner, Detector and Two Stage Amplifier. The units have been designed to work together and give the highest attainable efficiency. A switch controlling the several stages of amplification makes the use of only one jack necessary. The Head Set is used for tuning in the station desired and after it has been properly received the speaker plug is inserted into the same jack and the switch then connects either the first or second stage of amplification as desired.

All parts mounted on panel are of the very best materials and match perfectly. The rheostat, sockets and working parts are designed so that the set can be operated with either dry batteries or with storage batteries.

We list the set with both styles of equipment but recommend the storage battery tubes and equipment if convenient means can be arranged for charging the battery as storage battery tubes are more sensitive for long distance reception.

- No. R-16. Tuska No. 225 without equipment. Price..... **\$65.00**
- No. R-13. Tuska No. 225 complete with dry cell equipment. Price..... **93.10**
- No. R-11. Tuska No. 225 complete with storage battery equipment. Price.... **105.20**

**COMPLETE SET WITH
DRY CELL EQUIPMENT
CONSISTS OF**

- Tuska No. 225 Tuner-Detector and Two-Stage Amplifier.
 - 3 WD 12 Radiotron Tubes.
 - 1 2000 Ohm Head Set.
 - 1 Phone Plug.
 - 3 Red Seal Dry Cells.
 - 1 Ex-Cell 22½ Volt "B" Battery No. R-32.
 - 1 Ex-Cell 45 Volt "B" Battery No. R-35.
 - 1 Sensory Lightning Arrester.
 - 100 Feet Stranded Copper Aerial Wire.
 - 50 Feet Lead-In and Ground Wire.
 - 1 Ground Clamp.
 - 2 Porcelain Insulators.
 - 1 4 inch Lead-In Tube.
- Price complete outfit **\$93.10**



All You Need To Know About Repairing AC Radios – Part 3

BY JAMES A. FRED, RT. 1, BOX 41, CUTLER, IN 46920

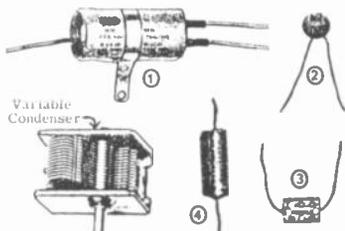
Repairing the TRF Radio

This is the third part of a series on basic AC radio repair. Jim Fred has been involved in radio for over fifty years, and in this series presents useful hints for both the new collector and the veteran. Antique Radio Classified is please to have Jim contribute this series.

*Refer to parts 1 and 2 of this series (Feb. & April 1988) for details on tools, test equipment, safety, etc. **IMPORTANT: do not plug the radio in until you have read the safety tips and warnings in these previous installments!** (Editor)*

Before starting to troubleshoot and repair a radio, you have to be able to identify the components and read a schematic drawing, sort of a road map of your radio. Certain symbols represent each coil, capacitor, resistor, etc. in your radio, making it possible to draw the component symbols on a sheet of paper and draw lines to represent connecting wires. To a beginner with his first radio, this may be confusing. For this reason, some pictures of radio parts with the schematic symbols are shown, allowing you to identify most of the radio components. Take a look at Figures 1 and 2 and become familiar with the appearance of the various components used in AC radios.

You also should know something about the different circuits used in radios before starting to repair a radio. Radios made before the 1930's included types such as crystal sets, regenerative receivers, neutrodyne, TRF's (Tuned Radio Frequency receivers), and superheterodynes. Since this series will concentrate on radios built in the 30's, we will only consider TRF and superheterodyne circuits.



1. Electrolytic filter capacitor
2. Ceramic capacitor
3. Mica capacitor
4. Tubular capacitor

Figure 1. Typical condenser types and symbols.

THE TRF

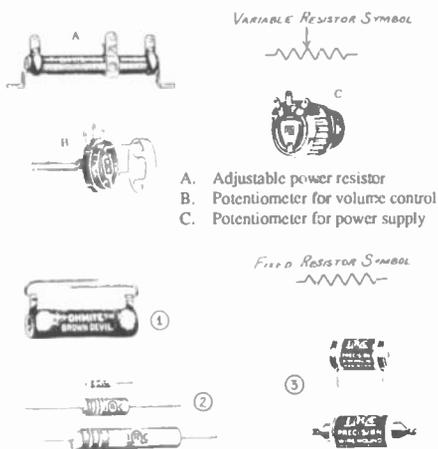
The TRF, the simpler of the two, was introduced in the early 1920's. In a TRF receiver, one or more stages of radio frequency amplification precede the detector stage, and all the tuned circuits are tuned to the same frequency. During the 1930's, many TRF radios were built because of the depressed economy; people had very little money to spend on a radio. The TRF could be sold for less money than a superheterodyne because it had less parts and took less labor. When I had my radio shop in 1937, I sold a small TRF set for only \$6.95. However, time proved the superhet to be superior in selectivity and sensitivity, and the TRF became obsolete.

The last TRF I remember was built after World War II by the Kingston Radio Corp., Kokomo, In., for the Montgomery Ward Company. I had a small part in designing this radio. The set was housed in a steel cabinet and came in six different colors.

Since the TRF radio was an important part of the AC-DC set production during the 1930's, we will troubleshoot a typical four-tube model this time and go to the superhet in the next column.

I will not go into electron flow nor attempt to analyze each stage as to signal flow. I will emphasize voltage measurements and resistance-continuity measurements as a means of isolating

(Continued on following page)



- A. Adjustable power resistor
- B. Potentiometer for volume control
- C. Potentiometer for power supply

1. High wattage wire wound
2. Carbon resistors
3. Precision resistors

Figure 2. Typical resistor types and symbols.

(Repairing the TRF Radio, Continued)

the defective parts. Repairing radios should be fun. You do not need the knowledge of a radio set designer to repair one.

CHECK THE COMPONENTS

Your eyes will become the most important tool you have when you look at the components in a radio chassis. Look for burned or charred resistors and capacitors with bulging ends or wax leaking from the cardboard tube. Until World War II, most small capacitors were either mica types molded in brown plastic, or they were paper dielectric types placed in cardboard tubes. The tubes were sealed by pouring hot wax into each end of the tube. If these capacitors became defective, they would overheat and melt the wax. If your set has cardboard tubular capacitors, it wouldn't be a bad idea to replace all of them with new ones before you start to repair the set. Modern capacitors will not look at all like the old ones; they are dipped into orange, blue, green, brown and other color plastic coatings. You might also find molded plastic tubular capacitors in green, black, yellow and other colors.

CHECK THE LINE CORD

After you have corrected the visual defects under the chassis, go to the line cord. Has the rubber insulation hardened? Is the cord frayed, cracked or damaged?

There were three basic kinds of power cords. One was the two-conductor rubber or vinyl insulated kind sometimes called "Zip Cord." The second type was like number one except that it had a silk or cotton fabric covering. The third type was the "Resistor Line Cord." This cord was larger in diameter than type two because it may have two conductors plus a wire-wound resistor inside a fabric cover. The resistor was wound on a flexible asbestos cord and insulated with an asbestos over-wrap. This resistor was in the range of 250 to 350 ohms, and was six feet long. While operat-

ing, the cord would become quite warm. New resistor line cords are no longer made; unless you can find good N.O.S. (new old stock) cords, you must use a regular cord and a fixed wire-wound resistor.

Some AC-DC sets will have fixed wire-wound resistors, but others will have a ballast tube in the filament circuit. A ballast tube is a resistance wire wound on a mica form, soldered into a tube base, and covered with a steel can. It looks like a metal tube and gets very hot when operating. These tubes are no longer made, but you can still find them if you try. These ballast tubes can also be replaced with wire-wound fixed resistors.

TESTING THE LINE CORD & HEATERS

Refer to the typical TRF receiver circuit shown in Figure 3 for the tests following. Although your receiver may not be exactly like the one shown, it will have the same general components.

If the line cord passes your physical inspection, it is best to check it out with your ohmmeter. Set your ohmmeter to its lowest range. Put the black lead to "Y" and the red lead to chassis or "B-". Operate the off-on switch S1; the ohmmeter pointer should swing from high ohms to zero ohms. If this happens, one conductor of the line cord and the switch are OK. If not, you can use the ohmmeter to find the bad component. If the indication is OK, move the black lead to "X" and check the tube filaments. (In AC-operated tubes the filaments are often called "heaters"; these terms may be used interchangeably.) If all the tube heaters and resistor R2 are good, the meter will read on the left-hand-side of the scale. If you get no meter indication, pull the tubes, one at a time, from the tube sockets. Check for continuity between the large pins on each tube. The older 4-, 6-, and 7-pin tubes always have two large pins for filaments or heaters. If you don't get a reading, replace each bad tube with a new one.

If the tube heaters are all good, find the 290-

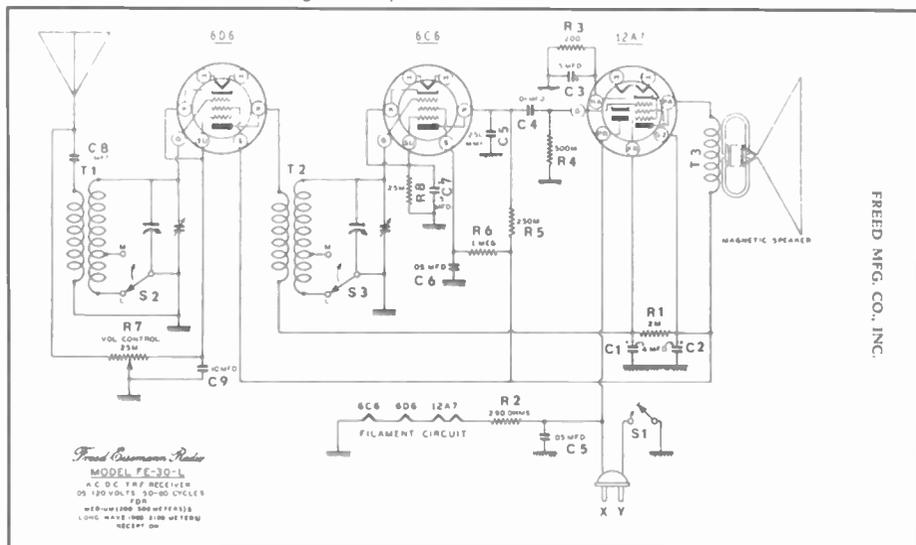


Figure 3. The circuit schematic of a typical TRF radio.

ohm resistor, R2, and measure it. This resistor could be part of the line cord or a ceramic wire-wound resistor mounted on or under the chassis. If it is open — i. e., has no continuity, replace it with a new 300-ohm, 35- to 50-watt wire-wound resistor. If it is a part of the line cord, I recommend using a regular line cord and adding the wire-wound resistor. Connect these items as shown in the circuit diagram. Since the resistor will get quite warm, place it in the best possible place to prevent damage to the cabinet or other parts.

CHECK THE AC BYPASS CAPACITOR

If C5 is shorted, fuses will blow when you plug in the line cord. If C5 is open, the set may have static sounds in the speaker when you get the set to play. If you have followed my previous advice, you may already have replaced this capacitor.

CHECK THE "B" POWER SUPPLY

Next place the black lead from the ohmmeter to chassis or B-, and place the red lead to the junction of C1+ and R1. If your ohmmeter reads zero resistance or a very low value, replace C1. A good capacitor will cause the ohmmeter pointer to kick upscale as the internal battery in the ohmmeter puts a charge into C1. If you get this kick, proceed to place the red lead at the junction of C2+ and R1. If you get an upscale kick here, measure the resistance of R1 which should be 2000 ohms. If the value measures more than plus or minus 20% from this value, replace it with a 2000-ohm, three-watt resistor. If all the above indications were OK, you are now ready to plug in the radio.

Note: On the schematic drawing you will note the values of the resistors. For instance: With R1-2M, before World War II, M indicated 1000; after World War II, M was used to indicate 1,000,000 or 1 megohm, and K now indicates 1000 ohms. In the present time, resistors under 1000 ohms are usually indicated 200; 200K would indicate 200,000 ohms, and 200M would indicate 200 megohms or 200,000,000 ohms.

FINALLY, POWER IT UP

It is best for your own safety to use an isolation transformer between the wall outlet and the radio plug. (See the last column on page 6 in April's A.R.C. for our reasons.) Turn the switch on, and watch the tubes slowly light. You may now hear a loud 60-cycle hum; if turning the volume control has no effect on the loudness of the hum, this indicates that the filter capacitors C1 and C2 are open. An open capacitor is hard to detect with an ohmmeter so the listening test is best. If you get the loud hum, replace C1 and C2 with new capacitors of equal (or no more than two times) the capacitance value and at the same (or greater) voltage.

CHECK THE AUDIO OUTPUT STAGE

The 12A7 is a dual purpose tube. Pins KR and PR comprise a half-wave rectifier that supplies "B+" voltages for the plates and screen grids of the other tubes. The second section of the 12A7 is the pentode audio output to the speaker. Set the range selector switch of your VOM at least 200 VDC or more. With the black lead on chassis or B-, put the red lead on PA of the tube socket.

Find PA by placing the two large pins away from you. PA will be the first pin in a clockwise direction. Your VOM should indicate between 80 and 100 VDC. If it doesn't, switch the VOM to a resistance range, unplug the radio, and measure the speaker coil, T3, resistance. It should measure between 800 and 2000 ohms. If you get the proper voltage of PA, switch the red lead to G2, which should read 10 volts more than PA. Next check pin KA for bias voltage which should be 13.5 VDC. If you do not get this value, check resistor R3 for 1200 ohms and C3 for shorts. Replace either if defective. If all measurements are OK, touch a finger to the grid cap on top of the 12A7 tube. You will hear a hum if this tube is working properly. If you do not hear a hum, test the 12A7 in a tube tester. Since you have checked voltages, resistors, and capacitors, the audio output stage should work.

CHECK THE DETECTOR STAGE

With the audio stage working, move on to the 6C6. The 6C6 is a pentode tube operating as a detector. You can check for voltages on P, S, and SU-K. You should have 80 to 100 volts on P; on S you should have 40 to 80 volts and on SU-K about 3 volts. If the voltages aren't there, check the associated resistors R5, R6, and R8, also capacitors C5, C6, and C7. If all is OK, put your finger on the grid cap of the 6C6 and you should hear a hum or sound of some kind.

CHECK THE RF AMPLIFIER STAGE

Now, proceed to the 6D6 which is the RF amplifier and antenna coupling tube. Again, check the voltage on P; it should be 80 to 100 VDC; S should have 80 to 100 VDC; SU-K are in the volume control circuit, and the voltage will vary as the contact arm of R7 moves from one of the control to the other, i. e., from the antenna end to the SU-K end. If the voltages all check OK and a resistance test of the volume control is OK, attach a piece of insulated wire at least 15-feet long to the antenna connection. Turn the volume control clockwise, and try to tune in a station. Switch S2-S3 is a selector switch to a long-wave frequency of 140 Kc to 340 Kc, or the broadcast band from 600 Kc to 1500 Kc. At this time your radio should be playing.

Next time we will troubleshoot and repair a superheterodyne receiver.

LETTERS

Dear Editor,

Kudos for "All You Need to Know About Repairing AC Radios — Parts 1 & 2," and a plug for having James Fred's series become a regular feature *every* month.

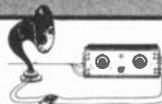
His practical and informative approach promises to be a much needed and most welcome reintroduction to the fascinating world of antique radio repair, for one who repaired radios for a busy radio service and parts store in the late 1930's and early 1940's.

Cordially, Dick Desjarlais, Littleton, Mass.

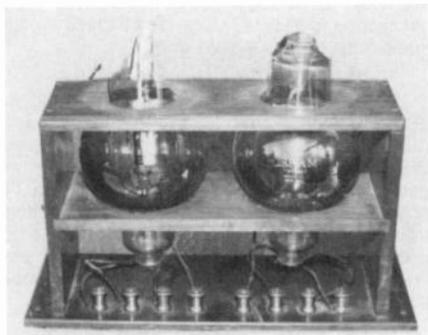
Sorry, but space limitations and Jim's schedule result in his series appearing in alternate month issues. (Editor)



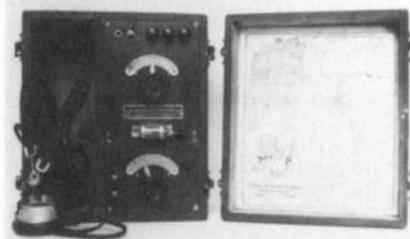
PHOTO REVIEW



This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other radio-related items (covering the years 1900-1950's) from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, and preferably have a light-colored background. A short description must be included with each submitted item.



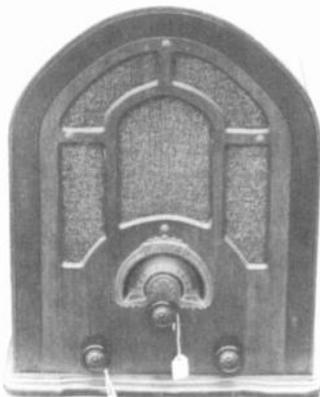
MARCONI TRANSMITTING TUBES BY OSRAM - (Paul Giganti - San Carlos, CA)



CANADIAN INDEPENDENT TELEPHONE COMPANY, EVERYMAN RADIOPHONE RECEIVER - This crystal set is a close copy of the DeForest DT600, right down to the illustration in the lid. It indicates "Made in Canada," and was either made under license or else just imported and relabeled. (Bob Murray - Winnipeg, Manitoba, Canada)



UNUSUAL WOOD HORN SPEAKER - It was patented by Everett Worthington and the driver is from Manhattan Electrical, N.Y. I don't know what kind of wood it is made of, but it reminds me of a fine violin. Can you identify the speaker? (Thomas Sherriff - Lapeer, MI)



BEL-RAD - A six-tube superhet mantel radio of unknown manufacture. It uses a 47, 55, 57, 2-58's and an 80. The radio is quite cheaply made, but works well. I would appreciate any information on it. (Frank Heathcote, Logansport, IN)

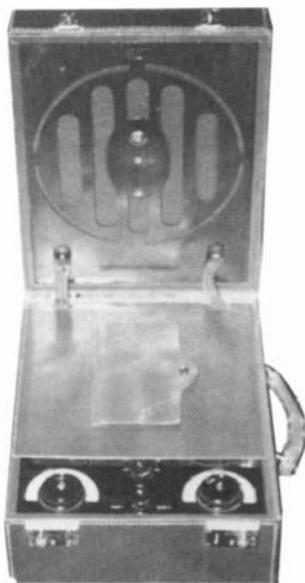
PHOTO REVIEW



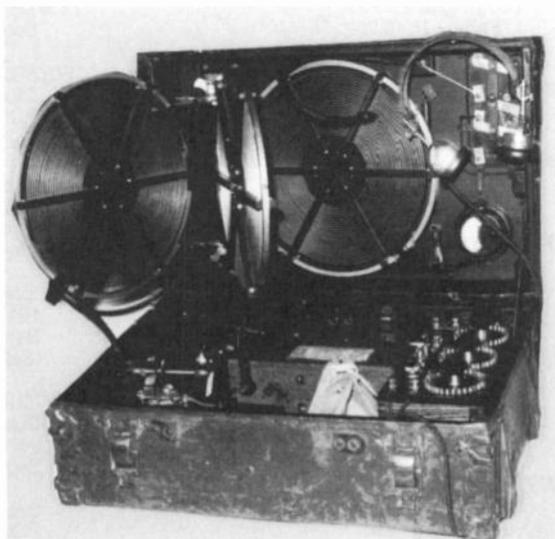
MAGNAVOX 8" DIAL CONE SPEAKER - The speaker is in heavy stamped metal case painted grey-black. It does not have a grille cloth. (*Wally Worth - Wollaston, MA*)



BEEHIVE END TABLE - Made from a large beehive feed-through that weighs over 30 pounds. It is 20" high, and the diameter of its base is 8". The solid, stainless mounting flange is 11" diameter by 3/4" thick. Under the glass top is a Corona shield spun from stainless. Needless to say, it stays put where it is placed! Made in 1986. (*Robert B. Enemark - Duxbury, MA*)



REES-MACE GNOME - This British radio evidently had two bands. The bottom middle knob has "RANGE 1-OFF-RANGE 2," two tuning knobs from 0 to 100, and what I think is a volume control (MIN-MAX) in the top middle. (*Mike Crain - Harveys Lake, PA*)



SCR 49 PACK SET - This 1917 model was transported on the back of a mule and used in Texas. It was recently shown in the Dallas U.R.P.S. and won best in 1987. (*Michael Payne - Alvin, TX*)



Olde Tyme Radio Services Directory Third Edition, Part IV

COMPILED BY ANDREW MOORADIAN, 5 PRISCILLA LANE, WINCHESTER, MA 01890

Antique Radio Classified has obtained permission from Andrew Mooradian to serialize his "Olde Tyme Radio Services Directory." Every month or two, another excerpt will be printed in A.R.C.

With the help of readers, Andrew hopes to make his directory the most comprehensive list of radio services available. Write to Andrew directly if you have a service you can provide, if you know of one that you can suggest, if you wish to change or delete your listing, or if you have any other suggestions. The 1988 Third Edition of his directory contains 59 service categories with 159 suppliers, plus a list of books and radio clubs (some suppliers appear in several categories). A copy of the directory can be obtained by sending \$2.40 to Andrew Mooradian at the above address. © 1987 Andrew Mooradian.

When writing to a service listed, please include a long SASE for reply and tell them that you saw their listing in the *Olde Tyme Radio Services Directory* in A.R.C.!

SCHEMATICS/SERVICE DATA (CONTINUED):

Gilbert Smith
248 So. 36th St.
San Diego, CA 92113

Antique Radio Service
1517 Dennison Ave.
Staunton, VA 24401
(703) 886-5125

Gene Corn
3 Barton St.
Greenville, SC 29609

Antique Radio Restorations
635 S. Lincoln Ave.
O'Fallon, IL 62269
(618) 632-7423

SPAGHETTI TUBING:

Olde Tyme Radio Co.
Howard Granoff
2445 Lyttonsville Rd.
Silver Spring, MD 20910
(301) 585-8776

SPEAKER RECONING & REPAIR:

Dixie Speaker Repair Service
545 Shades Crest Rd.
Birmingham, AL 35226
(205) 823-0575

Triode Vintage Electronics
Ned Carlson
Box 148794
Chicago, IL 60614

TEST EQUIPMENT REPAIR:

Mike Lewis
6070 Lincoln Rd.
Oregon, WI 53575
(608) 835-7193

TEST EQUIPMENT/NEW:

Edlie Electronics
2700 Hempstead Tpke.
Levittown, L.I., NY 11756

TRANSFORMER REWINDING:

Tesla Electronics
835 Bricken Pl.
St. Louis, MO 63122

TRANSISTORIZED TUBES 01-A, WD-11 & 99 REPLACEMENTS:

Bud Bedker
66 Cloverside Ct.
W. Seneca, NY 14224

TUBES:

See Parts/Restoration Section

WIRE/BUS BAR, LITZ, D.C.C.:

Charles Days
PO Box 205
So. Dartmouth, MA 02748

Andrew Mooradian
5 Priscilla Ln.
Winchester, MA 01890
(Square Bus Bar Only)

Edmund Scientific
101 E. Gloucester Pike
Barrington, NJ 08007-1380
(Sells Wire Benders/Shapers)

WOODWORKING SUPPLIES:

Constantines
2050 Eastchester Rd.
Bronx, NY 10461

Craftsman Wood Service
1735 W. Cortland Ct.
Addison, IL 60101

Talarico Hardwoods
RD #3 Box 303
Mohnton, PA 19540
(Sells Quartersawn and Rift Cut Oak)

Note: This is the conclusion of the *Olde Tyme Radio Services Directory*.



CLASSIFIED ADVERTISEMENTS

FOR SALE/TRADE: Bulova Model M501. Zenith Model 5724. Offer. Photo each - \$1. Jim Cook, PO Box 20368, Columbus, OH 43220

WANTED: Cabinet for Grebe CR-9. Radiola I. Arthur Harrison, 501 Arbor Dr., Columbia, MO 65201

WANTED: Radio Nurse by Zenith. Paying \$850 in perfect condition, will buy with small chips (for less!). See my full-page ad in this issue. Harry Poster. (201) 794-9606, days

FOR SALE: Philco cathedral 84. Philco wood table model 41-220. Crosley 58TK. Robert Rosenbohm, 370-22 Pl., Clinton, IA 52732

CLASSIFIED AD DEADLINES

Jul. 10 for Aug. 1988 Issue

Aug. 10 for Sep. 1988 Issue

Sep. 10 for Oct. 1988 Issue

WANTED: Hallicrafters HT-33 lin. amp. R-48 speaker box. HA-1 elect. keyer. Turner 254 ham mike. A.J. Mignogna, 25432 Second St., El Toro, CA 92630

FOR SALE: Solovox and manual for \$15. If interested, will bring to Radiofest at Elgin. Carl Knipfel, Route 3, Morton, IL 61550. (309) 266-9440

WANTED: Chrome dial pointer for Crosley #10-135 bakelite radio, or complete rad o. J. Downes, 607 East 12th Ave., Covington, LA 70433. (504) 893-7057

WANTED: Plastic dial cover for Echophone Commercial. Glass dial, main tuning knobs for S53. Dave Noon, VE3IAE, 19 Honeysuckle Cr., London, Ontario, Canada N5Y 4P3

FOR SALE/TRADE: GR items: 722-DQ, 1190-B, 1800A, 358 wavemeter. J. Wasiewicz, 229 Sarles Ln., Pleasantville, NY 10570

FOR SALE: James Millen grid dip meter Model 90651, mint, manual, all coils - \$50. Military frequency meters BC221-AK, 125-20,000 Kc, with RA-133 pwr. unit - \$50. TS-175U, 85 to 1000 MC, no pwr. unit - \$35. Globe Scout Model 680, excellent condition - \$50. R. Olmsted, 608 W. Thompson Ln., Murfreesboro, TN 37129. (615) 893-5344

WANTED: Rek-O-Kut T-12H 33 1/3 idler wheel assembly, new condition. Would consider trading 45. Henry Schwartzman, 133 W. Fourth St., Corning, NY 14830

FOR SALE: Variacs - \$7 ea. plus \$1.50 UPS. HV twist-tab multi-section electrolytics, my selection - \$5/6 ppd. Rider Channelyst with manual - \$50 plus UPS. Don Johnston, KA9KXQ, RR1 Box 218-A, Windfall, IN 46076. (317) 945-7735

WANTED: General Electric tombstone Model A-82. TenTec QRP Argonaut, PM3. Shortwave Craft, mint covers. Swan 6-meter transceiver. R. Olmsted, K4UJZ, 608 W. Thompson Ln., Murfreesboro, TN 37129. (615) 893-5344

WANTED: Sonora TRF Model C. Stromberg-Carlson Model 641-A. Manual for Navy RBG-2, CHC 46140 (Navy version of HQ 120-X). Ed Allison, 5525 20th Ave., Sacramento, CA 95820. (916) 454-1788

FOR SALE: Two AK 35's - \$75 ea. AK 33 - \$75. Crosley Trirdyn - \$100. Crosley 50 - \$100. Clarion, 3-dial, slant front - \$100. Grimes Baby Grand for parts - \$75. Untested. Plus UPS. Glenn Peterson, Rt. #2 Box 198, Bagley, MN 56621. (218) 694-2179

WANTED: Hallicrafters S-40B, S-85, S-108, SX-99, SX-110, SX-130. National NC-57, NC-88, NC-98. In good condition. Beni F. Mendez, KP4ON, 1674 Atlas St., Summit Hills, PR 00920

WANTED: Original white louvers for Emerson BT 245 green tombstone. Top price paid. Ross Litrenta, 1 Wilton Rd., Eastchester, NY 10709. (914) 337-7176

FOR TRADE: WWI vintage English military crystal set "Mark III Short Wave Tuner" (see Radio-Radio, p. 27). Very good condition except for canvas covering. Trade only for Philharmonic, Leutz Superhet, Kennedy 110 and 525 or Marconi V-2A of comparable condition. Robert Lozier, 600 E. Green St., Monroe, NC 28110. (704) 283-2638

WANTED: Green knobs for Bendix 526C. Knobs for Radiola 16. Small black knobs for Freshman Masterpiece. Speaker for Philco 90. Mark Vanyush, 10 Cobb Rd., Milton, VT 05468. (802) 893-1685

WANTED: Early electrical apparatus. Geisler tubes. Leyden jars. Wimshurst machines. Tesla 2-phase motor. Tom Burgess, Box 9769, Little Rock, AR 72219. (501) 565-1750

FOR SALE: Various interesting console & cathedral radios in excellent condition: Stromberg-Carlson, Philco, Scott, Zenith, etc. Robert Van Dyke, 2 Squires Ave., East Quogue, NY 11942. (516) 728-1327

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WANTED: Manual and/or schematic for Philco Junior oscilloscope Model 7019. Also, RCA Service Manual Volume #1. Earl Russell, 98 Skyfields Dr., Groton, MA 01450. (617) 448-5822

FOR SALE: Zenith 105668 black dial console, Philco 87 console, Freed-Eisemann NR-5 w/ speaker, Trans-Oceanic H-500 - \$75 ea. Grebe MU-1 synchrophase - \$225. Brandes cathedral speaker - \$30. Daryl Jorud, Rt.#1 Box 180, Battle Lake, MN 56515. (218) 864-5725

WANTED: Loop antenna DeForest D10. Speaker, front cone, center control knob and dial parts for Thompson Minuet. Larry Porter, 4115 Beam Rd., Crestline, OH 44827. (419) 683-2540

FOR SALE: Echophone shortwave receivers, prewar - \$20. Triumph oscilloscope, prewar - \$40. General Radio RF generator, WW2 - \$90. Clough Brengle capacitor bridge, WW2 - \$20. Rockola amplifier, prewar - \$40. Rubicon Wheatstone bridge - \$30. Stewart-Warner table model - \$20. Sidney Goldhor, 1014 B St., Hayward, CA 94541. (415) 537-5149

WANTED: Vintage tube hi-fi and sound equipment. Marantz, McIntosh, Dynaco, Western Electric & others. Written responses get immediate reply. Joe Roberts, Box 19302, Alexandria, VA 22314. (703) 683-2955

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WANTED: Cash or trade Wireless Specialty, dual or single, crystal detector. Scott Shanks, Rt. 3 Box 603, Sherwood, OR 97140. (503) 628-2909

WANTED: RCA 140 tombstone, working. Pete Shoemaker. (409) 832-6768

FOR SALE/TRADE: Kennedy 220, excellent, but needs coils; DeForest interpanel coil-tuner, excellent - \$35. Zenith 6B129 tombstone, good - \$125. Flyer & Wecco crystal sets, excellent; Aztec cathedral, good - \$145. 1959 Braun table radio, large - \$55. Jackson-Bell swan grille, needs work - \$125. **WANTED:** Prewar foreign sets. Pilot radios. Crystal sets. Breadboards. Breadboard parts. Bill Moore, 1005 Fieldstone Ct., Huntsville, AL 35803. (205) 880-1207

WANTED: Manuals for General Radio 1001A signal generator and 1301A audio oscillator. Copies OK. Gordon Symonds, 26 Ossington Ave., Ottawa, Ontario, Canada K1S 3B4. (613) 232-2198

FOR SALE: 50 years' literature: Catalogs, flyers, manuals, books, Radio Masters, military test equipment, 20's-30's radios, phonos, consoles, transformers, Naval Aviation Flying Equipment, clothing. F. Yonker, W21BH, 7 Old Farms Rd., Saddle River, NJ 07458



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WANTED: AK 84 parts. Need spkr. & cabinet or top half of cab.; I have mint bottom half. **FOR SALE:** Grebe MU-I Synchrophase, 1924 (first year), fine, original - \$250. Ten cyl. records, 2 & 4 min., good to fine, w/boxes - \$25. Reverse mono tape recorder, very clean - \$20 + heavy UPS. 1923 ICS operator's manual - \$15. 1917 Hawkins Electrical Guide #1 - \$10. Jahan L. Acciavatti, PO Box 231, Southborough, MA 01772. (617) 476-3229

FOR SALE: Crosleys 50, 51, 52. AK 20C. Freed-Eisemann NR-6. All working. SASE prices, photos. Leo F. Robinson, 879 So. Town & River Dr., Ft. Myers, FL 33919. (813) 489-1591

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WANTED: Meteor cathedral Model H. Freshman Masterpiece cabinet. John Richard, W2WIY, 94 Bald Eagle, Hackettstown, NJ 07840

FOR SALE: Large selection of QST magazines, 1919 to 1929. Also have some Popular Radio, 1922 to 1926. Send SASE for list. Bill Condon, 3642 Mclaughlin, Los Angeles, CA 90066

WANTED: Hallicrafters R-44/ARR-5 and R-45/ARR-7 rcvrs. Any spy radios and/or components. Radio manual by Mechanics Illustrated, 1940-42. Gary Cain, 1775 Grand #302, St. Paul, MN 55105. (612) 698-4851

FOR SALE/WANTED: Pre-1930 QST's. Richard Titus, NV2C, 231-9 Lucas Ln., Voorhees, NJ 08043. (609) 772-0316

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WANTED: AK breadboards, complete, partial, basket cases. Also parts for same. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

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WANTED: Arvin 4080T. Farnsworth FV200. Zenith Flash-Matic tuner assembly. Jerry Talbott, 1440 S.W. 239th, Hillsboro, OR 97123. (503) 649-6717

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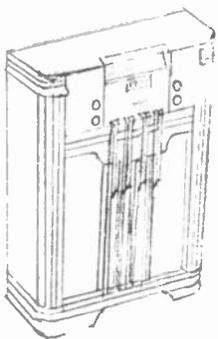
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CLASSIFIED ADVERTISEMENTS

FOR SALE: Crosley Dynacone Type F speaker, exc. - \$25. Battery set console radio manufactured by Case of Indiana, Model C, (Radio Manufacturers of the 1920's, p. 56), refinished to vg condition, works, less tubes, pick up only - \$85. RCA Model 106 console speaker, legs cut down, pick up only - \$10. Haynes Griffin Superhet IF coils - \$8/4. Freshman type basket weave coils - \$16/12. AK L horn speaker, open driver, no cord - \$32. AK H neck and bell sections only - \$15. AK H bell section only - \$7. AK Model M horn speaker, refinished, modern P.M. speaker in base - \$40. AK Model 60 chassis, will sell parts off it, what do you need? Multi-Selectro Phono Inc. Magnaphone speaker in cathedral-shaped wood cabinet, vg - \$17.50. Majestic console radio on legs, from late 1920's, pick up only - \$15. Eveready (National Carbon Co.) octagon-shaped speaker in metal enclosure, repainted - \$12.50. Radiola 1718? power supply - \$7.50. InterOcean Radio Co. WoodeHorn papier-maché horn speaker, hard-to-find horn model, P.M. speaker in base, good - \$50. AK Model 20L cabinet, restrained - \$8. Radio Broadcast magazine, bound Volumes 6 and 7, Jan. 1924 to Oct. 1925 - \$45. R.S.G.B. Bulletin (English magazine), Vols. 5/6 - 1929/31, Vol. 8 - 1932/33, Vol. 11 - 1935/36 & Vol. 12 - 1936/37, four bound volumes - \$32.50. CQ magazines, have hundreds from 1940/50's - write wants. BradleyStats, assortment of 25 - \$10. Have thousands of parts for 1920's battery sets, no rare or oddball stuff. If you're into building replica radios and need parts, let me know. Also have over 500 1920's variable tuning condensers from battery sets, prefer to sell in lot. In storage but can be seen by appointment. Over 6,000 later types available also by lot purchase. Miraco Model MW 4-tube TRF by Midwest Radio Co. of Cincinnati, about 1924. Refinished condition, less tubes, complete with a folder of misc. pieces of original literature on set - \$150. RCA Model 103 octagon-shaped speaker, good cloth - \$60. Magnavox Model R2-C horn speaker, the huge one!, exc., pick up only - \$175. Kennedy Model XV, 5-tube, slant front, refinished to excellent, no tubes - \$325. Grebe CR-9, vg original condition, no tubes - \$275. Crosley Ace Type V, vg - \$90. Amrad 2634/2596 double decker - \$475. Westinghouse RADA, super restored condition - \$200. Saal horn speaker with 13" red bakelite bell - \$50. WLS Silvertone horn speaker, 11" bell - \$45. AK 35, repainted - \$40. Rare flat wall speaker with tapestry cloth front, pick up only - \$300. Do you collect battery set tuning dials? I have a nice advertising piece - inquire. Radio Queen 1922 cigar label - \$35. Radio Brand Carrots can label, 1930's - \$10. Assortment of 100 battery set radio jacks - \$15. Cunningham Tubes cloth advertising banner - \$150. All items subject to prior sale. Please add ample postage, excess refunded. Gary B. Schneider, 9511-23 Sunrise Blvd., North Royalton, OH 44133. (216) 582-3094

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WANTED: Case for a Philco 37-650. Veneer must be good. I can pick up within 100 miles of Lancaster, Ohio. Paul Dilliard, 1313 E. Wheeling St., Lancaster, OH 43130. (614) 653-5368

WANTED: Chassis & speaker for Jackson Bell Model 88. Radio Boys to the Rescue by Chapman. Supreme Model 385 Deluxe Set analyzer. Doug Heimstead, 1349 Hillcrest Dr., Fridley, MN 55432

FOR SALE: AC Instructograph with 10 tapes & carrying suitcase, excellent shape - \$50, and I will pay UPS. Pat Stewart, W7GVC, 1404 Ruth, Walla Walla, WA 99362

WANTED: Manufacturer's 6-prong plug-in coils in good usable condition, esp. for broadcast band. Write for details. E. Fischer, 530 Chestnut Hill Rd., Glastonbury, CT 06033

WANTED: Schematic of Republic Model 108 with 3-24, 47 and 80 tubes. Rich Griffith, 7238 Magoun Ave., Hammond, IN 46324

FOR SALE: Hallicrafters SX111 receiver, extra clean condition - \$145. Bogen 4-channel mike/phone mixer, like new, AC powered - \$25. Chester Wisner, W1VSR, 1014 Main, Dalton, MA 01226

FOR SALE: Signal Corps antenna tuning unit, Hallicrafters BC-729-C #1173. Signal Corps transmitter tuning unit, GE TU-10-B 66899, 66779. Signal Corps signal generator 1 222 A 1719 CK 1. Mallory Rectopower supply-rectifier. Signal generator U.S. Army WE N.Y. I 138-A radar lab. by Bell Telephone. Signal Corp. rectifier 35304. Three antennatuning units, GE BC-306-A. Signal Corps freq. meter, Philco Corp. Radio receiver & transmitter, GE. Aircraft transmitter, Bendix Radio. Freq. meter, U.S. Army. Signal Corps dynamotor unit, Bendix Radio. Signal Corps inverter unit Leland Elec. Co. Vibrator unit PE-125-AX. Aircraft receiver, Bendix Radio. Ask about other old test items, meters, high voltage vary. caps etc., transmitting tubes, Russian transmitter. Mary Barron, 211 West Siddens, Tampa, FL 33603. (813) 239-1482, after 9 pm

WANTED: Crosley amp 51-A. Also need Clapp-Eastham Radak HR 1-tube set. Bill Seaby, 7850 Birmingham Ave., Baltimore, MD 21234. (301) 661-5734

WANTED: Telegraph keys, antique telegraph apparatus, anything with a key on it, buzzer or bell. Chuck Brydges, W4WXZ, 4901 Tiffany Ave., Winston-Salem, NC 27104

WANTED: Any & all police scanners, receivers, crystals, parts, etc. Also any tube-type McIntosh or Marantz tube-type amplifiers. Please send model number, asking price, and condition in first reply. Michael S. Sabodish Sr., 11-A Matawan Ave., Cliffwood, NJ 07721

CLASSIFIED ADVERTISEMENTS

FOR SALE: Atwater Kent 545, 1936, exc. to mint, works, (Only flaw is a small tear in the clear plastic dial "glass." Quality radio!!!) - \$120. Setchell Carlson 516, 1946, exc., except for crack on top left edge, works, grey case w/brilliant maroon grille, dial & knobs on top - \$75. Also schematics & tubes. Send large 2-stamp SASE for complete and up-to-date photo list. Ron Boucher, PO Box 541, Goffstown, NH 03045. (603) 497-2988

FOR SALE: Books, components, meters, medical devices, radios, radio & TV tubes, test equipment, Tesla coils, transformers, trains & accessories, oddities, unusual apparatus. SASE for list. H. Andreoni, 250-D So. Lyon Ave., Hemet, CA 92343

WANTED: SCA Muzak type receiver, complete. Levy, 8 Waterloo Dr., Morris Plains, NJ 07950. (201) 285-0233

WANTED: Heath brand 3-tube resistance coupled amplifier from the late 1920's. Gary B. Schneider, 9511-23 Sunrise Blvd., North Royalton, OH 44133. (216) 582-3094

FOR SALE: Free: Just released Flyer No. 188B, blue cover. To insure a response to your request, send 2-stamp LSASE. Olde Tyme Radio Co., 2445 Lyttonsville Rd., Silver Spring, MD 20910

FOR SALE: Rider's 1 thru 19, no Vol. 3 - \$225 or may separate. Old Rider's Vol. 1 - \$60. N.R.I. Vol. 1, 1600-page deluxe edition of most popular Rider's - \$45. Also many indexes - \$2-3. Jim Traynor, 3198 Boudinot Ave., Cincinnati, OH 45211. (513) 662-4344

CLASSIFIED ADVERTISEMENTS

WANTED: Instructions for Cooley Rayfoto kit radio picture receiver. R. Chenez, 47 Lake St., Apt. A605, Gardner, MA 01440

FOR TRADE: Several transistor novelty radios. Send your trader list, and I'll send you mine. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5

WANTED: Lectron kits by Raytheon ca. 1968, complete or partial sets. Charles Combs, 508 E. Daniel, Albany, MO 64402. (816) 726-3038

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

FOR SALE: \$26,000 collection of long wave receivers and literature. Pick up price - \$1100. Illustrated list for SASE. Hal Layer, PO Box 27676, San Francisco, CA 94127

WANTED: Wave antenna for Zenith Trans-Oceanic tube radio, and battery. J. Foskin, 6 Dorothy Pl., Groton, MA 01450. (617) 448-2817

FOR SALE: Advent videobeam projection TV, complete, needs work. A. Weiner, 178 Lawrence Park Terrace, Bronxville, NY 10708. (914) 337-4554

WANTED: Hickock 288X AM-FM sweep & marker generator. Barker & Williamson 40C or 410 distortion meter. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (201) 688-2092

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FOR SALE: Sony FM stereo tuner 5000F, a 30-pound beauty, make reasonable offer. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

FOR SALE: 1988 Vintage Radio calendar - \$4.75 ppd. Flick of Switch, Vintage Radio - \$11.95 ea. ppd. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145

WANTED: Radiola III dual tube socket. **FOR SALE/TRADE:** B&K 1077B analyst - \$75 + UPS. Raymond C. Nelson, 3786 S.E. 8th, Portland, OR 97202. (503) 233-5063

WANTED: Items dealing with DuMont Television and DuMont Network: TV's, equipment, advertising, literature, etc. Thom Price, 3600 Linwood #503, Cincinnati, OH 45226. (513) 321-8383

FOR SALE: You pick up: RCA CTC-5 color console, not working - \$150. Inquiries send SASE. Gilbert Smith, 248 South 36th St., San Diego, CA 92113. (619) 233-8646

FOR SALE: RCA #153 signal generator, circa 1937, 100kHz-30MHz, original manual included - \$35. Al Smith, 25 Stonehedge Rd., Lincoln, MA 01773. (617) 259-9351

MESSAGE: Will the Michigan collector with the Zenith phono drawer motor, please contact me again. George Harris, 3212 36th St., Lubbock, TX 79413. (806) 799-2589

WANTED: Old and unusual headsets. Buy or swap. Vince Highmark, 525 9th Ave., Two Harbors, MN 55616

FOR SALE: Silver Marshall 720 - \$125. Tri-City W-8 - \$85. Crosley Oracle clock radio - \$400. Dahlberg Pillow radio - \$150. **WANTED:** Midwest Radio Corp. radios, Catalins. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

FOR SALE: Crosley console Model 1126, "mystic hand" tuning. Chassis for FADA KG (F.O.S., p. 165). Victor Orthophonic Victrola Model 835, one of the last crank types and one of the best, with original instruction booklet. Rockola jukebox Model 1426, ca. 1947. J. Johnson, Greenwood, IN. (317) 888-7849

FOR SALE: RCA Radiola drum speaker, mint - \$85 ppd. Hallicrafters S38A, mint - \$95 ppd. George Friedrich, 7162 Lake Jacqueline, Custer, WI 54423

WANTED: Blue Arcturus 45 tubes. Any Lincoln Radio parts, sets, manuals, cabinets or ads. Magnacorder reel tape decks. Craig Korpak, 2542 Tuson Dr., Apt. 2C, Drayton Plains, MI 48020. (313) 673-0039

CLASSIFIED ADVERTISEMENTS

WANTED: Power pack unit for AK Model 40. Vincent Forni, 21 Thomegan Rd., Brewster, MA 02631

FOR SALE: Radios: Johnson Viking Ranger xmtr. tube-type radio. Freed-Eisemann NR7 - \$125. Thompson Neutrodyne 5 - \$150. Freshman Mast, 3 dial - \$90. Radiola III, mint - \$150. Magnavox horn in box - \$45. RCA 100A tombstones - \$50 ea. Zenith Royal 1000-D - \$50. 1-tube home brew - \$75. Magnavox R3's. WE 10D's. DeForest tube cans. One DeForest DV-2, dud set, 201 brass tassle top. Two WE 216's. Metal base WE 205. UV 201 tassle. Audio: Pr. WE 713C drivers with K12027 horns. Pr. Univ. 312's. Pr. Bozak 3-way in boxes. Crown 7002 TK. Enough stuff to make 50's mono studio. Altec 230 B console. Ampex 350. Altec 604C in EV Regency cab. Ampex 602. A7 horns. **WANTED:** 351 Ampex Electronics Altec 604's. Ampex 375 Vari Speed for 351 etc. Buy-sell-trade. Pultec equalizers. Altec 438A compressors. Marantz amps. Vintage tube & ribbon mics. RCA 44 77D. Sony C-37A. Neuman 47, 87 etc. Ward Kremer, 301 SW 16 St., Ft. Lauderdale, FL 33315. (305) 524-5652

WANTED: Speaker for AK 55 console. Speaker for Spartan 930 console. Speaker for Philco 65 metal box. Chassis for Philco 96 console. Gene Fout, 4760 Columbus St., Zanesfield, OH 43360. (513) 592-7524

FOR TRADE: My Wireless Set No. 19, WWII tank transceiver with English/Russian markings, in excellent unmodified condition with accessories, for your early ham receiver (RCA, National, Hammarlund, Hallicrafters, etc.) in reasonable condition. Will deliver anywhere within 2 hours of NYC. Christopher Bacon, KA2IQB, 56-32 Marathon Pkwy., Little Neck, NY 11362. (718) 224-2669

FOR SALE: FADA 1000 bullet, maroon and yellow Catalin, vg condition - \$475. Emerson 520 brown and orange swirl Catalin, white grille, blue dial, vg cond. - \$225. Detrola, small wood set, waterfall sides, about 1939 - \$40. Firestone Air Chief semi-tombstone, 2-band, electronic push buttons, high quality unusual wood cabinet - \$75. Nordmende (German) large super deluxe 5-band, high quality set, tuning eye, exc. condition - \$125. Telefunken Caprice two-band German set, jade plastic cabinet w/ivory grille, nice - \$85. Hallicrafters SX-28 Super-Skyrider. Five-band, top of the 1941 line, communications receiver w/original Jensen external sprk., exc., working original condition - \$225. AK 46, g cond., NT - \$15. Radiola 60, vg cond. - \$65. Philco PT 2 nice wood set w/celluloid grille, vg cond. - \$40. **WANTED:** Will pay your price for two-piece tuning knob for Philco 49-501 set. Also want unusual bakelites and Air King bakelite tombstone. Send SASE for large list of radios and related items for sale. Steven Caiati, 1702 W. 7th St., Brooklyn, NY 11223. (718) 375-7997

CLASSIFIED ADVERTISEMENTS

FOR SALE: Majestic 30 console - \$200. GE console H51 - \$325 P.V. RCA 64-K5 table AM & phono, wood - \$65. Zenith H500 Trans-Oceanic - \$50 + shipping. Richard L. Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, eves.

WANTED: Early quack medical violet ray devices. Any such as Master, RenuLife, Parco, etc. Richard Cane, 8391 N.W. 21st St., Sunrise, FL 33322. (305) 741-6838

FOR TRADE: Excellent Radiola IIIA or RCA AR-812 for AK 19 or 21. **FOR SALE:** Eight auto radio cable controls plus 4 heads, column mount - \$25 ppd. Aircraft radios, ARC-5. Ten reprinted pages of Consrad radio diagrams from 1924 - \$2.50 ppd. Paul Gunzenhauser, Rt. 1 Box 133, Garden Grove, IA 50103

CLASSIFIED ADVERTISEMENTS

FOR TRADE: Double-stamped SASE gets list of sizable headphone collection including a few tradeables. No SASE required if you send me your own list. Vernon R. Kostohryz, 600 Lakeside 3A, Brownsville, TX 78520. (512) 541-5692

FOR SALE: Historic book The Principles of Electric Wave Telegraphy by J.A. Fleming, 1906 - \$75. Harry Cap, 190 Beach St., Bridgewater, MA 02324. (617) 697-8648

FOR SALE: 40's, 50's tubes: Sylvania, RCA, GE, most N.O.S. Manuals, test equipment. SASE. George A. Freeman, WIKI, 102 East Main St., Madison, IN 47250. (812) 265-6878

WANTED: Need outline of top lid Federal B20 and profile of edge molding. Marvin Hess, 204 Queensway Rd., Elma, NY 14059

FOR SALE - RADIO MAGAZINES - MISC. ASSORTMENT

1. Service Magazine - A great magazine for those who do servicing and repairing of 1930's radios. Have the following years for sale:

9 issues 1932 (1st yr) ..\$15	11 issues 1938	14
11 issues 1933	12 issues 1938	15
11 issues 1935	14 12 issues 1939	15
12 issues 1935	12 issues 1940	14
12 issues 1936	15 12 issues 1941	14
11 issues 1937	14 11 issues 1942	13
12 issues 1937	15	

Have other issues of **Service** from 1940/50's; write wants.

2. QST Magazine - Covering the field of amateur radio.

Following issues are mostly in good overall condition:

12 issues 1925	\$30	12 issues 1930	12
12 issues 1926	20	12 issues 1931	10
12 issues 1927	18	12 issues 1932	10
10 issues 1928	13.50	12 issues 1933	10
12 issues 1929	15	12 issues 1934	10

Also have the following copies of **QST** in excellent cond.:

12 issues 1936, 12 issues 1937, 12 issues 1938, 12 issues 1939, each year

Have hundreds of other **QST** magazines from 1929 to 1960's. Send your want list for quotes.

3. Radio Engineering Magazine - Covers development in the radio industry:

5 issues 1929	\$7.50	12 issues 1933	12
12 issues 1930	18	12 issues 1934	12
10 issues 1931	15	12 issues 1935	12
12 issues 1932	12		

4. Radio & Television News - Have hundreds of issues 1949 to 1958, many in complete years.

Each issue

5. Radio Magazine -

20 issues 1942 to 1945

Misc. issues 1937 to 1941, each

6. Radio World Magazine (weekly) -

49 issues for 1931, all vg to excellent

41 issues for 1931, all good to vg

Radio World Magazine (monthly) -

Misc. issues 1935 to 1938, each

7. Radio Craft Magazine -

Misc. issues 1939 & 1940, each

Misc. issues 1941-43 & 1947-48, each

Radio Craft WWII issues with artist Alex Schomburg covers, very colorful; write needs. Also have misc. issues 1931 to 1934; write needs.

8. Science & Invention Magazine -

12 issues 1924/25, fair to good condition, lot

9. Electronics Magazine - A good magazine covering

developments in both the radio and television industry. Especially good info for the TV historian.

12 issues 1933

12 issues 1934

10 issues 1935

12 issues 1935

9 issues 1936

Also have more issues from the 1940's; write wants.

10. Radio News Magazine -

Misc. issues 1938 to 1943, each

11. Electronics World Magazine - 1965-67; write needs.

12. Radio Electronics Magazine - 1957-60's; write needs.

13. Radio Retailing Magazine - 7 issues 1925

14. Electrical World Magazine - 12 issues 1948

15. RSGB Bulletin, British magazine -

47 issues 1942 to 1946

16. T&R Bulletin, British magazine -

11 issues 1938 and 6 issues 1942

17. Proceedings of Institute of Radio Engineers -

12 issues 1930

18. 73 Magazine - 70+ issues from late 1960's

19. 6 Up - The VHF Magazine -

First 12 issues 1963

20. The Monitor - 12 issues 1959/60

21. Cornell Dubilier Capacitor Magazine -

100+ copies 1950 to 1957

22. Rider's Manuals -

Vols. 8, 10, 11, 12, 13 & 14, each

Vol. 9 in two separate manuals

23. Short-Wave Magazine (British) -

34 issues 1947 to 1949

Please include ample postage; excess will be refunded. Minimum order \$12.00.

SASE appreciated for inquiries or check return.

Gary B. Schneider, 9511-23 Sunrise Blvd., North Royalton, Ohio 44133, (216) 582-3094

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FOR SALE: Set of plug in coils for Nat'l HRO Jr., 9 units - \$150. Set of plug-in coils for National FB7X, set of 6 units (18 coils) - \$150. DeForest Radio School 1-inch oscilloscope - \$200. **FOR TRADE:** For Marconi sets only. Grebe CR3A receiver, front mounted tube, near mint condition. Federal crystal receiver with Federal amplifier, all original, working. Radiola 3 with balanced amp and with good working WD-11 tubes. SX70 color photos available - \$2 ea. Phil Weingarten, 67-61 Alderton St., Forest Hills, NY 11374. (718) 896-3545

WANTED: Tube charts and instruction book for precision 700 tube tester, copies or original. Rider's Radio Manual No. 1. Ken Gfeller, 211 No. Garfield, Junction City, KS 66441. (913) 238-3447

WANTED: Tuning condenser or chassis for Brunswick Model 14. Chassis for Philco Model 60. Cabinet for GE Model A-82. Don Hames, 7700 Reynolds Ave., Bakersfield, CA 93307. (805) 845-2426

FOR SALE: Tri-City 3 tube - \$150. Grebe CR-5 and amp - \$600. Grebe CR-9 - \$400. Bryant 3 tube - \$300. Uncle Al crystal set - \$150. Remler loose coupler - \$150. Signal loose coupler - \$100. DeForest RJ-9 replica - \$100. Western Electric 7A amp. - \$75. Kennedy 220 and matching amp - \$700. National 1-10 receiver with matching power supply and speaker - \$125. All the above in good to excellent condition. Write or call for further information. Paul Giganti, W6GVY, 2429 San Carlos Ave., San Carlos, CA 94070. (415) 593-4723

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WANTED: Rider's Radio Vol. 21. Dial glass, small knobs, dial belt for Zenith 7S232 table model. Marc Ellis, 1914 Colfax St., Evanston, IL 60201. (312) 869-1695

FOR SALE: Send \$1.50 for America's best monthly sales list of radios, TV's, etc. Also get my 4-page list of items I am looking to purchase. Jim Clark Enterprises, Dept. ARC, 1292 Starboard, Okemos, MI 48864

FOR SALE: Wood cabinet for Philco 37-610, good condition - \$15. **WANTED:** Hallicrafters Part No. 15C532 off/on/volume knob for Model TW-1000. Donald Sochurek, W191 S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

FOR SALE: National SW-5 with 4 coil sets, power supply, original speaker - \$300. HRO-7 with speaker and 8 coils, excellent condition - \$200. Collins KWM-1, 516F-1, 312B-2, DX adaptor, almost mint - \$600. SX-28A - \$150. Mike Palmer, K5FZ, 16707 Creeksouth, Houston, TX 77068. (713) 444-7737

WANTED: Choke coil Part Number 20134 for Zenith Models 5-S-127-126-150-161. John Porter, 701 N. Main, Osceola, IA 50213

WANTED: VTC linear standard transformers, all types. Jon Lane, 913 Elliott, Grand Haven, MI 49417. (616) 842-4036

FOR SALE/TRADE: Grunow Teledial 12, mint - \$250. Marcus Frisch, WA9IXP, Box 28803, Greenfield, WI 53220-0803. (414) 545-5237

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FOR SALE: RCA Victor Service Data, 1923 thru 1942, Vols. 1 and 2 - \$60. RCA Service Notes, 1933-\$18. Radio Rider's abridged Vol. 1-5-\$35. Radio Rider's Index 1 thru 10 - \$3. Radio Circuit Manual 1941 and 1942, similar to Rider's-\$15 ea. Philco Year Book, 1942 - \$5. Encyclopedia of Telephone and Telegraphy Vols. 1 thru 4, complete set, 1919-\$35. National Radio Institute instruction booklets 1930-1934, 33 booklets - \$15; 1940-1944, 53 booklets - \$15; 1943, 53 booklets - \$15. N.R.I. Service Manual and 12 copies of National Radio News, 1939, 1944 - \$5. Plus postage. Fothe, 10 Jackson St., Sloatsburg, NY 10974. (914) 753-2090

WANTED: Speaker for Sparto 930. Copy of Schematic for Philco #96. I just got Crosley 706 Show Box in big highboy console; need information on it. Gene Fout, 4760 Columbus St., Zanesfield, OH 43360. (513) 592-7524

FOR SALE: Snoopy dog 9v transistor, exc.-fine, plays - \$37. Andy Raggedy Ann 9v transistor, exc.-fine, plays - \$37. Sesame Street 9v, two muppets, fine, plays - \$32. Mork from Ork Egg Ship 9v-transistor radio with Mork's head shown through opening near top of Egg, 7"x3", exc.-fine, plays - \$47. Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

WANTED: For Crosley 52: Dial pointer, phone condenser, two battery binding posts. For AK 20 big box: One battery binding post nut. Want any information and/or schematic for R.B. Radio Inc. Page 6. Dave McClellan, 1086 Trailridge Ln., Atlanta, GA 30338. (404) 399-6704, eves.

CLASSIFIED ADVERTISEMENTS

FOR SALE: ERLA chassis from a Kel table, model unknown, fair condition, with tubes - \$35. National Radio Company, dealer franchise form, excellent condition, blank - \$10. Large triple-seam phonograph horn, all brass, dents and broken mouth, rare - \$50. Smo-kette radio; has AM radio, pipe stand, and three tobacco compartments (one cracked cover); brown; plays; in good condition - \$150. All plus shipping. **WANTED:** Philco Predicta in restorable condition. Rider's Manuals 21, 22, and 23. Tuning and volume knobs for Zenith Trans-Oceanic black with gold centers. Band selector knob for Scot:Allwave 15. Leonard J. Arzoomanian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

FOR SALE: Reprints of The Story of the Mercury Super Ten, 36 pgs., U.S. - \$4.50 ppd. Bob Murray, 3216 Assiniboine Ave., Winnipeg, Manitoba, Canada R3K 0B1

FOR TRADE: Cherington crystal set. Crosley 50A. Paragon DA-2. Clapp-Eastham Hz. SASE for list. Jim Collings, 12005 Victoria Pl., Oklahoma City, OK 73120. (405) 755-4139

WANTED: FADA Coloradio as in P. Collins book. Knob with 1/8" shaft for Zenith console. J. Downes, 607 East 12th Ave. Covington, LA 70433

FOR SALE: Silvertone wood table model 1661. Zenith L600 Trans-Oceanic. Two Stromberg-Carlson RC-58 speakers. Norm Landis, 1315 Marbendale Ct., Kirkwood, MO 63122. (314) 821-7933

WANTED

Top Prices Paid

Radio & Audio Tubes: 2A3, 45's, 50's, 845, 8005, KT66/88, etc.

Western Electric Tubes: 101, 102, 104, 203, 305, 211, 212, 242, 244, 252, 262, 264, 271, 274, 275, 276, 284, 285, 300, 301, 310, 339, 345, 347, 348, 349, 350, 421, 422, VT25A, VT52, etc.

W.E. Speakers & Tweeters: 555, 594, 595, 596, 597, 713, 728, 754, 755, 756, 757, TA4151, 4153, 4181, 4191, 4194, etc.

W.E. Consoles & Amps: 25B, 41, 42, 46, 86, 91, 92, 94, 95, 105, 106, 117, 118, 120, 121, 124, 129, 130, 131, 142, 143, etc.

W.E. Horns: 22, 24, 25, 26, KS-6368, 12024, 12025, 12027, etc.

W.E. Microphones & Parts, etc.

Also looking for:

*Tube-type equipment by McIntosh, Marantz, Westrex, Langevin, Altec, etc.
Vintage speakers, units, by Jensen, Altec, JBL, Tannoy, etc.*

**Audio City USA, PO Box 832, Monterey Park, Ca. 91754
(818) 576-2642**

CLASSIFIED ADVERTISEMENTS

WANTED: Cathedral type radios. Popular models preferred but not necessary. Pete Hons, Poplar St., Portage, PA 15946

FOR SALE: Hallicrafters HT-37, good - \$45. Multiphase 10B exciter and VFO, exc. - \$65. Others available. Craig Smith, 1935 1st Ave. S, St. Petersburg, FL 33712. (813) 822-7592, days

WANTED: All 1924 through 1926 issues of Radio News in vg or better condition. Jim Rybak, 389 Evergreen Rd., Grand Junction, CO 81501

FOR SALE/TRADE: Tubes, all types, fair prices, N.O.S. and used tested good. 25¢ SASE for list or send needs for quote. Adam Schoolsky, N6OSJ, 39120 Argonaut #195, Fremont, CA 94538. (415) 797-2733

WANTED: Transportation for 2 table TV's from September AWA meet in Canandaigua to New Jersey. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (201) 725-7476

WANTED: Chassis & amp for Scott Phantom Deluxe AM/FM. Speaker for Scott Phantom Deluxe AM. Case for Federal 59. Chassis for Zenith 715. Speaker for Kennedy Model 63. **FOR SALE/TRADE:** Wurlitzer Model Kingston, good cond., no tubes, + UPS. Radiola 106 speaker, can deliver to Elgin in August. Have ans. mach. Raymond Schober, 6938 Western Ave., Omaha, NE 68132. (402) 554-0366

FOR SALE/TRADE: 4CX15000A towards early superhets: Receptrad, Greiff, Burad, etc. Also parts/information. Dale Davenport, 912 South 18th, Fort Smith, AR 72901. (501) 785-2526

FOR SALE: Gonset Commander Model C transmitter, covers 1700Kc - 54mc., with 3 coils and power supply - \$60. Early Howard rec., BFO not working - \$20. NRI Practical Radio Television Book, 1953 edition - \$10. Used tubes tested - \$2 for one, and \$1.50 for over 10. Dennis Williard, KA3BYJ, PO Box 354, Herndon, PA 17830. (717) 758-3652

WANTED: 1920's Indiana-made AC, battery, and crystal radios such as Amacodyne, American, Aladyne, Allison Pickett, Cardinola, Case/Hyperdyne, Diamond-T, Elmco, Guerrier, Hammond, Hancock, Hatfield, Huntington, Imperial, King Cole/Everyhome, Lyradion, Melody, Oakley Grand, Okay, Queen Quality, Sinclair, Showers/Future, Skylark, Slagle, Tidmarsh, Tilman/Challenger, Vizo, and Washburn Burner. 1930's radios such as Arvin, Capehart, Case, Code, Davis, Fairbanks Morris, Jesse French, Kennedy, Kingsten, Lark, Slagle, Star Raider, Victory, Wilson & Wren. Also looking for McMurdo Silver radios. All models in any condition. From excellent to total junk. Michael Feldt, 12035 Somerset Way E, Carmel, IN 46032. (317) 844-0635

CLASSIFIED ADVERTISEMENTS

WANTED: Zenith consoles & table models - buy or trade. Zenith advertising, signs, owner's manuals (original or copies). **FOR SALE:** Zenith 5S29 tombstone, mint - \$160. Zenith 6V-27 tombstone - \$120. Complete original Trans-Oceanic 7G605, mint - \$200. Zenith bakelite 5R312 and 6D015, as in Collin's book, mint - \$90 ea. Zenith bakelite 5G617 w/push buttons - \$45. Zenith bakelite 4K422 battery set, very stylish, resembles 5R312, only more streamlined - \$85. Zenith 8H034 wooden set, 2 FM bands, excellent original - \$65. Trans-Oceanic transistor 3000, working, very clean - \$125. 5-tube Colonial AC, ca. 1934 - \$65. 5 tube Stratford AC, ca. 1934 - \$50. GE M51 5-tube cathedral - \$80. Clarion 470 cathedral, mint - \$150. Auburn cathedral, cabinet only, torn grille cloth - \$50. Non-Catalin bakelite sets: Silvertone 109-279, small, stylish, very cute - \$110. 1940 Motorola 530, white enamel with some paint chips, cute - \$55. Stromberg-Carlson coffee table radio w/mirror top, mint, 231-F, (F.O.S., p. 180) - \$450. Emerson tombstone, R156, mint, wooden - \$60. Kadette wooden tombstone 77 - \$55. Hallicrafters T54 portable television, mint - \$200. Philco Safari - \$125. Remote control Philco box for 39-116, etc. - \$45. McMichael Model 151, 1951 British set, mint - \$110. Radio-lite-tenna, lamp antenna, mint, 12" - \$95. Advertising: Backlit "TV Service We Use RCA Tubes" - \$65; tin litho dated 1949 outdoor "AM FM Radio Television GE Electronic Tubes" - \$55. Lucite Philco phono needles display case, opens from front, 14"x9"x8", cute, 1940's - \$60. Two wall posters showing 1946 line of Philco radios, 5'x3' - \$50. Stromberg-Carlson neon sign, 2'x7", white neon, 1940's Deco frame - \$325. Philco neon spinner clock - \$475. Radio Quiz Master game - \$20. Eight Radio Boys books w/ dust wrappers - \$11 ea. Two Radio Boys books - \$7. Rudolph Snow globe from M.W. to accompany radio - \$40. Lone Ranger Snow globe - \$65. Game of Radio made in Peoria, cards w/rules, 1 missing - \$40. Will deliver to Elgin, Chicago or Canandaigua. Shipping extra. Answering machine at 6 rings. Alan Jespersion, POB 17338, Minneapolis, MN 55417. (612) 727-2489

FOR SALE: Rider's Manuals 6, 7, 8, 14 to 21 - \$12 ea. + UPS. Glenn Peterson, R#2 Box 198, Bagley, MN 56621. (218) 694-2179

WANTED: TenTec, QRP, PM2, PM3, Argonaut, Triton transceivers. Anything made by TenTec. Russ Olmsted, K4UJZ, 608 W. Thompson Ln., Murfreesboro, TN 37129. (615) 893-5344

FOR SALE: Collins 51J-3, R-388, 51J-4 parts. John White, 212 Marcin Ln., Burnsville, MN 55337. (612) 435-2871

WANTED: Cabinets for Westinghouse (RCA) RA & Radiola 20. Want three socket assembly, and wavelength switch & knob for Radiola VI. C.G. Blakely III, 130 Woodlawn, Topeka, KS 66606. (913) 272-9463

CLASSIFIED ADVERTISEMENTS

WANTED: Philco 44 or 144 cathedral, prefer good physical shape, working or not. Gilbert Smith, 248 South 36th St., San Diego, CA 92113. (619) 233-8646

WANTED: Output transformer for Philco 116-B, 10" speaker, (Electrodynamic) Pr. of 42's in output. Fred Linn, 5608 Edgewater Dr., Cedarburg, WI 53012

FOR SALE: Receivers: Hallicrafters S-20R - \$65. Gonset GR-212 - \$50. SX-28A speaker, exc. - \$35. Ward Becht, 625 Tufts Ave., Burbank, CA 91504. (818) 842-3444

WANTED: Paying the highest prices for 2-color Catalins, Spartan mirror radios, Air King celluloid radios, Zenith Stratosphere, character/novelty radios (Charlie McCarthy, Mickey Mouse, etc.). Jim Clark. (517) 349-2249

WANTED: Tube hi-fi components, loudspeakers, magazines, etc. Jack Smith, 288 Winter St., N. Andover, MA 01845. (617) 686-7250

WANTED: Silver-Marshall 712, 714, 716/683. John Peterson, 4333 9th NE #D, Seattle, WA 98105

FOR SALE/TRADE: Rider's Manuals: Have 6 and 9-14. Need 4, 5, 15 and up. Thomas Bisel, 2266 Halyard, St. Louis, MO 63129

WANTED: 1963 Scott 310E FM tube tuner. Rex Travelstead, 8358 Ardsley, St. Louis, MO 63121. (314) 389-4658

CLASSIFIED ADVERTISEMENTS

WANTED: Front panel for AC Super Wasp and junker set for parts. Dan Howard, 2940 S.E. 118th Ave., Portland, OR 97266

FOR SALE: RCA service notes, 1933, hard cover - \$25. Most-often-needed radio diagrams, 1942, 192 pages - \$20. Fundamentals of Radio Jordan, 400 pages - \$8. Automatic Record Changer service manual Vol. 3, 1949-50 - \$12. Elements of Radio, Marcus - \$8. Sylvania radio tubes technical manual, 1951 - \$15. RCA air-cooled transmitting tubes, 1938 - \$12. RCA service notes 1931-32, hard cover - \$25. Guide C-D vibrators, 1950 - \$7. Mallory Vibrator Guide - \$7. Plus postage. Chuck Guarino, 123 Gary Ln., Cheektowaga, NY 14227. (716) 668-2421

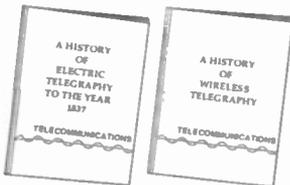
WANTED: Looking for any transcription disks or air check acetates of a relative of mine - Mary Eastman, lyric soprano with CBS Radio 1932-'941. Eastman performed on the following programs: Buick Presents 1933-1934, Howard Barlow Orch. 1933, Mark Warnow 1934, Andre Kostelanetz 1932-1933, Saturday Night Serenade Gus Haenchen Orch. 1936-1941, Ford Symphony, Maxwell House Show Boat (NBC) 1937, Paul Whiteman Musical Variety (NBC) 1936, Waltz Time (NBC) 1937. Jeremy D. Poth, 28 Ridge Brook Rd., Greenwich, CT 06830

FOR SALE: Junker sets of 1940's, 1950's. Used and unused controls (pots), tubes, output and power xmfrs. Used P.M. speakers, books, equipment. Copies of ads, AK data, Philco data. New Sprague 450v, 600v capacitors. S.L.e Coulter, 4200 Prince St., Bakersfield, CA 93304

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FOR SALE: Emerson Patriot as seen on p. 53 of Radios the Golden Age. Mine has the logo intact unlike the one photographed - BO. Other Art Deco radios & early 1920 parts, mostly new in original box. Na-ald Midget cone speaker new in original box. Several varicouplers, excellent condition. SASE. Neil O'Donnell, 1809 Sampson St., Butte, MT 59701. (406) 494-8162

WANTED: Ballast tubes, new or used. Amperite 3TF7, 3TF7A, 3TF11 only. Military TV-2()/U and TV-7()/U tube testers, any condition. **FOR SALE:** Brunswick Balke Collender chassis only, front panel, knobs, etc. Looks like Radiola X, no tubes, average condition - \$20 plus \$3 freight. Joe Bunyard, 1601 Lexington St., Waco, TX 76711

WANTED: Cash or trade GE portable LB-530 & HQ-120. Also anything concerning old Atlantic Ocean cables. Robert Enemark, Box 1607, Duxbury, MA 02331

FOR SALE: Misc. radios, 30's to 50's - \$25 and less. **WANTED:** Burns horns or parts. Old or unusual U.S. or foreign valves. Thanks. R. Dobush, 3554 W. 105, Cleveland, OH 44111. (216) 228-4953

WANTED: Elaborate signal tracer in good operating condition with original manual. Norman Crane, Box 12564, Tucson, AZ 85732. (602) 749-9140

FOR SALE: Philco Model 32 chassis & spkr., 32v vibrator supply works - \$65 + UPS. Allen Jochem, 2205 Broadway, Quincy, IL 62301

CLASSIFIED ADVERTISEMENTS

FOR SALE: Federal Type 61, 6-tube battery set, 1924 vintage, re-tubed 1930, very good to excellent condition, cabinet dusty from long storage, inside excellent - \$675 or best offer. George Babits, 310 Lombard, Salmon, ID 83467. (208) 756-4147

FOR SALE: Antique phonographs and jukeboxes. Over 10,000 78 records. 1100 N.I.B. tubes. SASE. Tony's Trading Post, 209 E. Park St., Butte, MT 59701

FOR SALE: Two each Model W-20 Wharfedale bookshelf speakers, 14" x 10" x 8 1/2", vg condition - \$80 + UPS. John Hancock, 808 14th St. SW, Puyallup, WA 98371

WANTED: Day-Fan components of 1922. Trade AK bb parts (some scarce) or cash. Jerald Hueber, 1368 King Richard Pkwy., W. Carrollton, OH 45449. (513) 866-6958

FOR SALE: Majestic 90 chassis, speaker and power supply - \$25. Can deliver to Elgin or Canandaigua. Carl Bryant, 269 Melbourne Way, Lexington, KY 40503. (606) 278-7355

HELP: Need parts for Freed-Eisemann NR-80, please. P. Burton, 39 E. Walnut St., Belchertown, MA 01007. (413) 323-5019

FOR SALE: Stromberg-Carlson 5-A speaker, pat. 7/2/1918. **WANTED:** Scott Philharmonic, chassis OK. Hammarlund Pro-310. Drake R7 (A). Ed Kowalski, K3PRE, 3300 Chesterfield Rd., Philadelphia, PA 19114. (215) 632-7445

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WANTED: Western Radio (Kearney, Nebraska) battery transmitters, receivers (Weskits), ca. late 50's to mid-60's. Alvin J. Bernard, PO Box 690098, Orlando, FL 32869. (407) 351-5536

FOR SALE: One Rider's Trouble Shooter Manual for Radio #7 - \$13, plus shipping. Tom Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

WANTED: Pre-1942 television books, magazines, service manuals, etc. Also pre-1950 TV's. Don Hauff, 9988 107th Ave. N, Maple Grove, MN 55369. (612) 425-0089

FOR SALE: Crosley, Philco, Audiola, Gloriette, Clarion cathedrals. Selection of tombstones, wood horizontals, plastics. SASE. Ripley, PO Box 9374, N. St. Paul, MN 55109

WANTED: Old automobile radios and related stuff, knobs, literature, vibrators, etc. Send description, price. Don & Bernie Schulz, PO Box 892, Crystal Beach, FL 34681

FOR SALE: Crosley Super 8 TV tuner, deflection yoke, and flyback. Dennis Hilberg, 804 Ravine St., Decorah, IA 52101

WANTED: Chassis for Grebe Model HS-4 cathedral table radio. Allen Smith, KBØNF, 821 Ouray Ave., Grand Junction, CO 81501

WANTED: Dial glass RCA 19K, 5 1/4 x 14, oval printing. Amplifier rheostat Freed NR-5. Radke, PO 451, Wautoma, WI 54982

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As it may be a long time before I find some of the sets listed in these ads, remember to call me when you can part with yours. I am putting together a collection of early broadcast and wireless equipment and adding to it each month. I buy single sets or collections. Also: books, catalogs, manuals and other related documentation.

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Carlisle, MA 01741 — (617) 369-9770

CLASSIFIED ADVERTISEMENTS

FOR SALE: National Type TRM five-meter transceiver, good condition, rare - \$95. Jim Barrows, W7BCT, 15121 41st Ave. SE Bothell, WA 98012. (206) 337-4880

WANTED: Manuals for Dumont 304H oscillograph and Viking Messenger tube C.B. John Neuman, 822 Laurelwood Ct., San Marcos, CA 92069. (619) 471-0034

FOR SALE: Flyback Thordarsor, Merit, Stancor, Triad, General Electric, RCA - \$15 ea., UPS ppd. Send SASE for list. Page Burgess, 1928 Foxhound Ln., Norfolk, VA 23518

CLASSIFIED AD DEADLINES

Jul. 10 for Aug. 1988 Issue
Aug. 10 for Sep. 1988 Issue
Sep. 10 for Oct. 1988 Issue

FOR SALE: Original Marantz sales catalog featuring models 10B, 9, 8B and others - \$6 ppd. Henry Holtermann, 20091 Port Cr., Huntington Beach, CA 92646

WANTED: Hammarlund type MC-120B two-section 100 uuf. and 20 uuf. bandspread condenser. John Richardt, W2WIY, 94 Bald Eagle, Hackettstown, NJ 07840. (201) 652-3475

FOR SALE: Majestic Model 20 table model. 6- & 12-volt vibrators. 1948 Ford car radio. Old radio knobs from car radios. Two old microphones. Odd tubes? Russell Schoen, E7340 Nietzsche Rd., Clintonville, WI 54929. (715) 823-6744

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HELP: I wish to thank Mr. Ed Allison for the MX-949/u and ask what I owe you. Your address was obliterated. William A. Stokesbury, 305 W. 142nd St., Ocean City, MD 21842

WANTED: Freed-Eisemann NR-5 chassis, complete, including knobs. Also want Freed-Eisemann FE-15 cabinet. Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

WANTED: Burroughs adding machine with beveled glass windows, on iron stand. Morris coil winder. Henry Schwartzman, 133 W. Fourth St., Corning, NY 14830

FOR SALE: Ace 3B with original instructions and tags, without tubes, vg cond. - \$150. Radiola III with original manual, without tubes, vg cond. - \$80. Five brass base 01-A's, good emission - \$10 ea. Canadian Westinghouse WD-12 brass base/tip - \$25. All plus shipping. **WANTED:** Good Federal #226 audio. Bob Kerns, 6363 Nash Rd., North Tonawanda, NY 14120. (716) 731-4267

WANTED: Cabinet for Magnavox TRF-50 or junker set, or any cabinet parts. Speaker unit for RCA 100A speaker or equivalent. Larry Schiebel, 440 Raymond Ave., #3, Santa Monica, CA 90405. (213) 392-5851

FOR SALE: Rider's Volumes 1 thru 14, 14 manuals, all in very good condition - \$145, postage extra. **WANTED:** Radio-related novelties such as board games, puzzles, radio toys, banks, pin-back buttons, manufacturers' products with the words "radio" on them. Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 582-3094

I PAY CASH for new and used vintage, transmitting and other special purpose tubes. I especially need #50/150/250/350/450, W.E. 252A, W.E. 274 (A,B), W.E. 300 (A,B), W.E. 350B, WA6GJA, Randy Nachtrieb, 6392 Park Ave., Garden Grove, CA 92645. (714) 897-9351

WE'RE STILL HERE! Tubes: "Oldest," "Latest." Schematics. SASE for lists to Steinmetz Electronics, 7519 Maplewood Ave., Hammond, IN 46324

WANTED: Broadcast-type **MICROPHONES.** Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, 160 West 77th Street, New York, NY 10024-6942

WANTED: RCA, Eico, and Conar test equipment. Scopes, tube testers, and VTVM only. Send list. Also RCA signs, clock, etc. Books on radio/TV broadcasting history. Lafayette and Allied catalogs (1940's-1950's), copies OK. Radio Retailing, late 1940's-1950's. RCA dealer catalog - lists signs, clocks, etc., 1950's. Raymond Thompson, 104 Canal St., Louisville, KY 40219. (502) 964-5706

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FOR SALE: Heathkit AA111 stereo power amp - \$14. Pilot stereo preamp - \$10. Large bakelite RCA Victor 68R1 - \$20. Heathkit signal tracer Model T3 - \$6. Late teens or early 20's capacitance bridge (?) - \$35. Capehart chassis and flip-over turntable - \$?. Heathkit VTVM 1M38 - \$6. Heathkit VTVM 1M18 - \$14. 7" picture tube, 10" chassis/tube, 3 or 4 larger round tubes, all as lot - \$50. Webster 288-1R wire recorder - \$8. Edison Type 7R tuner, amp, speaker - \$20. AK 469 chassis - \$15. Army 2" oscilloscope TS34A AP - \$22. Recordio by Wilcox-Gay, AM record recorder - \$25. Heathkit power amp W4AM, two preamps WAP2 with manuals - \$36. Three car radios, misc. tuning heads & cables, all as lot - \$70. Westinghouse dual speaker, maroon, plastic - \$22. All items sold as is. Some work; some ?. Jerry & Debbie Schliepp, 831 Berlin Rd., Ripon, WI 54971. (414) 748-2471

WANTED: Copy of schematic or manual for MacKay 128 AX receiver. Robert Becker, 17020 16th SW, Normandy Park, WA 98166

FOR SALE: Radiokeg, restored - \$175. Mitchel Lumitone table lamp radio, needs paint, shade not original - \$95. Radiola IIIA, one open audio, will include Stancor A-53C to fix, looks good - \$95. Atwater Kent Type N speaker, like new with output transformer - \$40. Crosley Dynacone speaker - \$35. Two Crosley Show Box junkers, tuning mechanism jammed - \$20 ea. or will part out. FADA One Sixty, very clean - \$145. Brandes speaker in cathedral-shape cabinet, repaired cone - \$40. All plus shipping. Send SASE for list or \$1.50 for photo of each. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520

IMMEDIATE CASH for estates/collections of antique radios and other related items. Large or small; near or far. Contact Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

FOR SALE: VACUUM TUBES: 70,000 on hand. Many double-digit. VACUUM TUBE BOXES: White. Four sizes. Business SASE for list. TYGER ELECTRONICS, Box 750, Clinton, MD 20735. (301) 248-7302

WANTED: Hard-to-find "RADIO" Magazines for Oct. 1931, March thru December 1932, January thru March 1933. Les Rayner, 5512 N 71st Place, Scottsdale, AZ 85253. (602) 947-1375

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WANTED: Oscilloscopes. Supreme 530, 535, 545, 546, 555. Triplett 1690, 1691. Also manuals & 1" to 3" CRT's. John Kendall, PO Box 436, Fallston, MD 21047

FOR SALE: Old type round buzzers, used - \$9. Sencore TC-109 tube tester, instr. book, late type tubes - \$35. Mercury 990 tube tester, instr. book, late type tubes - \$20. Lafayette 99-5063 tube tester, instr. book, late type tubes - \$35. Heathkit TC-2 tube tester, put together but untested, instr. book - \$25. Supreme 504-B tube tester, untested - \$25. Simpson 443 VOM, untested - \$9. Weston 772 VOM, untested - \$15. RCA Photophone, tube plug in to test 50-watt tubes, Model JR-20, 2 meters - \$30. Precision 920 tube tester, roll chart, works - \$25. Philco 7030 dynamic signal tracer, works, needs probe repairs - \$30. Speco signal tracer, old, needs some clean up and repairs - \$20. SQ IF coils 1 1/2" x 1 1/2", 455 to 470 Kc pull outs - \$3 ea. Bendix Model 862 dosimeters - \$3 ea. Atomic Model RM-36 radiological unit, untested - \$40. Model T type coils, working - \$10 ea. Modern Radio Instruments and Testing Methods, Coyne - \$5. GE tube manual and RCA Pindex, both for - \$7.50. Howard Sams Red Book Replacement Parts Guide, 1938 to 1948 sets - \$17.50. Magnavox micromatic, made in England, 4-speed changer - \$30. Early RCA 45 changer - \$20. RCA 45 player Model 45-J, bakelite case - \$30. Early RCA 78 player, R-93 turntable - \$40. Mixed lot parts from junked batt. sets - \$15. Eico 5" scope Model 425 PP, works - \$35. 6 asstd audios, open windings, lot - \$25. Blaupunkt AC, AM/FM, SW, TYP 20003, brown plastic cab., plays - \$40. Shipping extra on all items. List for SASE. (Do not have any old batt. sets or AK BB parts.) Have Rider's Vol. 6 to 14, Howard Sams, NRI Vol. #1 (Rider's 1 to 5) abridged - \$35. RCA, Philco, GE service notes. Test eqpt. Tubes 1920 to 1970. Meters. 1000's of unlisted parts. Write wants. SASE for reply. Krantz, 100 Osage Ave., Somerdale, NJ 08083

WANTED: Arvin radios, literature, signs, etc. James McGrath, Dept. 55 Arvin/Calspan ATC, PO Box 400, Buffalo, NY 14225

FOR SALE: New/used tubes for B&W TV. Send SASE for list. Don Amshay, 1414 Leon St., Durham, NC 27705. (919) 471-1685

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CLASSIFIED ADVERTISEMENTS

FOR SALE: Zenith shortwave (rare Zenith Oceanic) Model 7G605, brown case, airplane on grille, fine, plays - \$350. Magic Tone radio, 16" tall, honey amber glass bottle, 5" in diam., oblong, brown bakelite base, see all radio works through bottle, label 5" x 6", fine etc., plays - \$350. B-battery eliminator 18"x7"x8", black metal, Model AP 937, not tested - \$75. Crystal calibrator Model 111, Magraw Edison, not tested - \$38. Hallicrafters Amptor radio Model S-38B, 17"x8"x9", fine, plays - \$55. TV analyzer Model 1075, fine - \$45. Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

WANTED: E.H. Scott and McMurdo Silver sets. Scotts in Rosalyn Grande, Gothic Grande, Laureate Grande, Napier Consolette, etc., cabinets. McMurdo Silver sets in any cabinet. Also need Scott Allwave 23, later version with 7 knobs, with or without cabinet. Scott speakers. Jack Sacra, 1720 Solomon Rd., Charlottesville, VA 22901. (804) 293-9985

WANTED: Older multiband transistor portable Sony Orbiter or Zenith Oceanic 7000. Log book or manuals for same. W. Wade, 657 14th Ave., Prospect Park, PA 19076

WANTED: Old electrical meters/galvos/instruments, any condition. Cash or will repair/replace meters needed. Leonard W. Cartwright, 113 Sea Terrace Way, Aptos, CA 95003

WANTED: Espey 3" TV. 40's NYC area kit. Also need extra cabinet. Richard Evans, POB 491, Souderton, PA 18964. (215) 257-8906

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CLASSIFIED ADVERTISEMENTS

FOR SALE: Philco console Model 71, recapped and refinished, looks and plays fine - \$200. You pick up. Paul Bourbin, 25 Greenview Ct., San Francisco, CA 94131. (415) 648-8489

WANTED: Driver for Atwater Kent Model M horn. F.W. Nicholas, PO Box 37094, Phoenix, AZ 85069

FOR SALE: Three binders of Regency 2-way Radio Service Manuals - \$30. RCA Victor radio-record combo, wood, tabletop #65 AU - \$40. Coronado #43-6301, wood - \$35. Admiral bakelite 7T10E-N - \$35. RCA Victor bakelite #X-551 - \$40. Crosley clock radio, #E-75GN, plastic - \$35. GE bakelite #409 - \$25. Farnsworth #ET066, wood, nice - \$55. Coronado, plastic, round ends, small, cute - \$35. Motorola #69L11, different, moving tape in handle for dial - \$50. All plus UPS. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635, after 5 pm PST

FOR TRADE: AK breadboard 10 for unusual typewriter. Please call or write for entire want list. Peter Frei, PO Box 500, Brimfield, MA 01010. (413) 245-4660; (800) 942-8968, toll free outside MA

WANTED: Front case cover with map for Zenith Trans-Oceanic 6-band 7G605, airplane on speaker grille, also pair plastic knobs with Z on them for same. Rider's Vols. 21, 22, 23 - top price paid! Remote control cable for Westinghouse Collum(?) radio/clock WR8R. Don Nordboe, 3220 W. Broadway, Council Bluffs, IA 51501. (712) 322-2255

WANTED: Radio Recording Disks, Films & TV Kinescopes of classical music, particularly **CHICAGO SYMPHONY**, pre-1965. Steven Smolian, 8807 Postoak Rd., Potomac, MD 20854. (301) 299-2764.

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

COMMUNICATIONS RECEIVERS: The Vacuum Era. Book covers industry history, specs on 700 receivers, 51 company histories, 112 photos. \$14.95 plus \$2.00 P/S. Details SASE. RSM Communications, Dept A, Box 218, Norwood, MA 02062

COLLECTING NATIONAL SW3 SW5 RECEIVERS. Glad to correspond with "Thrill Box" enthusiasts. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (714) 797-1782

WANTED: Early SONY radios. Jay Lewin, 400 E. 54th St., New York, NY 10022. (212) 935-5656

CLASSIFIED ADVERTISEMENTS

FOR SALE: Bang! Bang! July Specials: New Japanese copy of Zenith Portable 1000 Trans-Oceanic radio, 8 bands including FM/ AM, BC, 2 SW AC or bat. inclu. 20 transistors, 2 whip ants., w/instr. book - \$75. Good Buy! AK 55-C, 7-tube chassis w/tubes, fits Kiel tables & console cabinets, looks & works good - \$69.95. Eight volumes Sams Photofacts in hard cover binders - \$10 ea. + UPS. Ham specials: some new, other used: 813, 810, 808, 814, 46 - \$10 ea. A few prs. earphones: Brandes, WE, Trim, etc. Several antique radios: Philco, RCA, Truetone - call for prices. Wm. J. Key, W1DWD, 58 Sycamore Dr., Halifax, MA 02338. (617) 294-1831

WANTED: Manuals for WWII military equipment SLR-12, TS-303, BC-1212. Early televisions and related literature. Richard Anthony, 2551 Andler Rd., Placerville, CA 95667

FOR SALE: PR15 Pierson Delane comm. receiver, excellent, works well but not perfectly. G. Pugsley, 1362 Via Rancho, Escondido, CA 92025

FOR TRADE: At Lansing or Canandaigua. Large and small Addison's for grandfather clock radios. **WANTED:** Complete clock or clock face for DeForest Crosley grandfather clock. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5

WANTED: Speaker Grunow 670. WE 7A input transformer, #218A. AK 50, 93, 155 and others. **FOR SALE:** Old measuring device, wood case. Junking out RE-57. Philco 16 cathedral, cabinet rough. Telegraph unit w/WE sounder, box, arm. Bob Nicholson, 3423 S. Long, Topeka, KS 66605. (913) 266-9473, after 5 pm

WANTED: Winchester Repeating Arms Co. Radios. Any condition. Both electric and battery. Top dollar paid. Keith S. Shepard, PO Box 627, Midway City, CA 92655. (714) 841-2327.

TUBES. Thousands in stock. Send S.A.S.E. for list. Fala Electronics, P.O. Box 1376-3, Milwaukee, WI 53201

IPAY CASH for vintage audio gear by Western Electric, McIntosh, Marantz, Altec, etc. WA6GJA, Randy Nachtrieb, 6392 Park Ave., Garden Grove, CA 92645. (714) 897-9351

FLYBACKS & YOKES, new Thordarson, Merit, Stancor, and Ram. Also Dumont and RCA. 700+ in stock. SASE for list. Vintage TV & Radio, 3552 West 105 St., Cleveland, OH 44111

WANTED: American Bosch or RCA table model with SW band, AC preferably w/3 gang condenser, fine wood case, top condition. Also want postwar AM-FM table model, U.S. made w/SW band, wood case. All pix returned. Hillcrest, Box 446, Drayton, SC 29333

CLASSIFIED ADVERTISEMENTS

WANTED: Hallicrafters S-107. Hammarlund HQ-100. R.W. Miller, 5217 43rd Ave. Ct. NW, Gig Harbor, WA 98335. (206) 858-9240

MESSAGE: Lots of stuff sold from my May list, but wife does not think the basement is clearing fast enough. So, to the 100 of you who have my May list, deduct 20% from those prices. Prompt return of checks if item has been previously sold. R.J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477

WANTED: APA-10 or APA-38 panoramic adapter. Radio Manual published by Mechanix Illustrated, 1940-42. History of 50 years of Collins Radio. Gary Cain, 1775 Grand #302, St. Paul, MN 55105. (612) 698-4851

FOR SALE: 1943 German Field telephone, 10 lbs. - \$35. Rider's 5-14, Arco bound, 90 lbs. - \$90. All plus UPS. Gene Claus, 2305 W. Rice, Sioux Falls, SD 57104. (605) 332-3747

FOR SALE: Copies bound, postage paid. U.S. \$. Philco schematics with data, 374 pages - \$15. Westinghouse, 36 pages schematics and data - \$5. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9

WANTED: Tom FuI, KWEa, /WS, UKWE/, FuHE/ 96-Mark-3, Staz2, and any other WWII German, Japanese, Italian military radios, all related items, plus any U.S. Gov. publication on "enemy equipment," examples TM-E##, TB-SIG-##. U.S. military radios, mobile and aircraft type, favoring trans-receivers, Navy field portable, Navy air, examples PRC-5, MBM, BC-1136, BC-1209, TBY, RAX. Paper wanted: radio mags 1940-47, aviation mags pre-1947, any Air Transport, Bendix Radio Engineer, U.S. Navy Electron, your excess communication equip. manuals and catalogs, military manuals and directory SIG-5, training materials. Shortwave: old aircraft radios, WE10A, 20A, etc., old non-FM, Forest Service 2-way gizmos. Thank you. Hugh Miller, KA7LXY, 6400 Maltby, Woodinville, WA 98072, mornings

FOR SALE: Best offer. AK 10 #4550, needs refinishing, Edison Standard cylinder player, long brass horn. Mike Crain, RD 1 Box 472, Harveys Lake, PA 18618. (717) 639-2794

FOR SALE: D.C.C., bus and loop litz wire. SASE for list. Charles A. Day, PO Box 205, S. Dartmouth, MA 02748

WANTED: Record mechanism for Capehart Model 31P4. Francis Barnes, 217 S. Woodlawn, St. Louis, MO 63122. (314) 821-5245

FOR SALE: Emerson Model G1702, white bakelite. RCA Victor Model 3-X-521, brown bakelite. Each - \$10 plus postage. James S. Looney, Rt. 1 Box 54, Grundy, VA 24614. (703) 531-8677

CLASSIFIED ADVERTISEMENTS

FOR SALE: Radiotron Designer's Handbook, 4th edition with supplement - \$50. RCA 45-J-2 record player - \$25. Bob Mahrenholz, K4QQK, 307 Old Fort St., Tullahoma, TN 37388. (615) 455-5217

FOR SALE: Jos. Jones batt. set - \$95. AK 40 - \$55. **WANTED:** Old telephones. Milt Musiker. (203) 746-4615, after 6 pm

WANTED: Philco 90 escutcheon. AK crystal detector. AK G & R horn spkr. Marc Ingenthron, 9748 Outlook, Overland Park, KS 66207 (913) 642-4767

FOR SALE: AK 10. Rare National 1-inch scope. Two scope tubes, 1 inch. Mint BC455 command set. Hallicrafters S20R. Hallicrafters S40B. Zenith Chairside radio. Zenith tombstone. Philco 70. Philco 90. Several xtal sets. AK 84 to restore 2 Michigan radios. Aeriola Sr. Radiola 16 cabinet. Beautifully constructed 16-tube H.B., 2 show piece. 199 tubes. Boxed WD-11. Two Penna. Railroad sounders and keys. Joe Szabat, W3LST, 228 Plummer St., Oil City, PA 16301. (814) 677-4042

FOR TRADE: My HRO-50, 75A3 & S40B for your Zenith consoles. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR SALE: Tombstones: RCA 118, Philco 610. Cathedrals: Philcos 80, 84, 37-61. Grunow 460. Ben Montabana. (205) 798-5289, call mornings or weekends

FOR SALE: Canadian Independent telephone SC-10. NE/Victor R-21. Volksempfänger 301. Round Echo. HMV phonograph. A. Nolf, 539 Kastelic Pl., Burlington, Ontario, Canada L7N 3R5. (416) 639-4768

FOR SALE: Excellent 1946 Bendix, asking - \$700. Twenty old radios. Many old tubes. Send SASE. PA Trans. Co. Inc., PO Box 112, Hellertown, PA 18055. (215) 435-8501

WANTED: Simple beginner's kit radios 1930's-1960's. Examples: 1930's shortwave regen. radios, Meissner Midget, Silver 801, Philmore 1- and 2-tube, Revell (plastic model) Co. shortwave kit, Knight Transistor DX'er, Knight 10-in-1 kit, Ekeradio gizmos, Midway, Superex, Mattel Toy Co. clip-on belt CB, GE kit radio in clear plastic box, manuals. Nice looking 41-42 table radio with old FM. **FOR SALE/TRADE:** Nice looking classics: Panadaptors BC-1031, Halliscratcher SP-44, 1960 Gonset G-76 ham transceiver, ACPS, Heath Mohican GC-1A plus panser, olde RCA CB CRMP2B, dirty. Thank you. Hugh Miller KA7LXY, 6400 Maltby, Woodinville, WA 98072. (206) 487-3047, mornings

WANTED: Crosleys, 51, Trirdyns, 3-knob battery sets, horns, etc. State prices. William Smith, 16001 Dusty Ln., Accokeek, MD 20607

CLASSIFIED ADVERTISEMENTS

FOR SALE/TRADE: Pfanstiehl Model 20, exc. (Radio Age, 1-88) - \$75. Crosley Trirdyn Regular, exc. - \$100. One-tube Airline chassis - \$20. Wireless remote control unit for Philco 116RX - \$50. FM Pilotuner - \$20. Zenith Clipper Trans-Oceanic 8G005, needs restoration - \$30. Federal A-10, exc. - \$70. Another A-10 for parts/restoration - \$30. Motorola Model 3A5, portable - \$25. Most radios have good audios and tubes. UPS extra. Wallace Geary, 209 W. Saunders, Mt. Pleasant, IA 52641. (319) 385-2389

FOR SALE: H.H. Scott 340 tuner/amplifier, works, no cabinet - \$50. Doug Heimstead. (612) 571-1387

WANTED: Several plug-in coil forms; 4-, 5-, and 6-pins; preferably N.O.S.; Hammarlund or Insuline brands. Also, need main tuning dial for AK 40 and a few N.O.S. WD-11 and UX199 tubes. Keith A. Kunde, K8KK, 8355 Dalepoint Rd., Independence, OH 44131. (216) 524-7698

FOR SALE: Rare, original AK Model 10 Radiodyne - \$650. AK Model 35 - \$30. Crosley Trirdyn - \$40. Aeriola Senior plus amp - \$185. **WANTED:** Crosley cathedral Model 167. AK Model 9. Trade ? J. Wilson, 2007 Water Edge Dr., Hoover, MA 35244

WANTED: For Silvertone grandfather clock radio, need chassis & spkr. Has 4 knob holes, no model #. J.L. Acciavatti, PO Box 231, Southborough, MA 01772. (617) 476-3229

WANTED: Dial glass and bezel for Philco 38-9, 38-620, GE M-61. Xfmr. for AK Type H, Radiola 60. Knobs for Philco 38-620, Zenith 4-B-131. **FOR SALE/TRADE:** Cabinets for King, Pilot. Chassis for AK 55, Philco 37-11, Admiral TV/AM/FM/phono. Tektronix oscilloscopes. Anthony Matt. (617) 937-5900, days

FOR SALE: National older HRO, six sets coils (not continuous), rack mount, fair/poor - \$95. RME 69, older, rack mount, no cabinet, fair - \$95. Two meter AM transceiver, superregen., Utah PS - \$15. Rare Millen preamp with PS - \$15. WE-101D tube, good filament - \$20. Paul C. Crum, W9LC, 6272 N. Cicero Ave., Chicago, IL 60646. (312) 282-3033

WANTED: Guts for a Model 61 Wurlitzer jukebox. Dan Szablewski, 1204 Andrews Ave., Lakewood, OH 44107. (216) 226-4054

FOR SALE: Wife says sell! 1500+ boxed antique tubes. Must sell as one lot. Howard D. Hinkle, 1226 Viewmont Dr., Schenectady, NY 12309. (518) 372-2512

WANTED: Speaker for Hammarlund SP200SX. Manual for Knight T-150 transmitter. Lee Bates, 39 Radcliff Road, Springfield, IL 62703 (217) 529-4601

CLASSIFIED ADVERTISEMENTS

FOR SALE: Tubes. Many of our tube types are now on sale. Send for our summer tube sale plus lots of new old items not included in our '88 flyer. Vintage TV & Radio, 3552 West 105 St., Cleveland, OH 44111

MESSAGE: Found: Two plastic radios at May Elgin swap meet. **WANTED:** I need two dial pointers for Radiola Super AR812. Will buy junker if necessary. Paul Chaney, 704 Poplar St., Desloge, MO 63601. (314) 431-1845

FOR SALE: AC Gilbert Electric Eye set, 1935, complete - \$75. Crosley 51P Portable, w/tubes - \$125. 1926 Grebe Synchronase manual - \$35. 1912 Eveready pocket flashlight w/oval battery - \$10. 1930 Gernsbach Official Radio Service Manual - \$25. Early Western Electric Lineman's Test Set #17C - \$50. All plus UPS. Have toy electric motors & steam engines for sale - write. Doug Heinmuller, 115 West St., Bar Harbor, ME 04609. (207) 288-4332

WANTED: Aircraft radios. Anything McMurdo Silver. Sams Transistor Vols. 1-16. 216A tube. Original BC-348 manual. USA-made Philco transistor radios. James Treherne, 11909 Chapel Rd., Clifton, VA 22024. (703) 830-6272

FOR SALE: Old Radios. Thinning out collection. Everything must go. AK's to cathedrals. Send LSASE for list. C. Golodich, 23 Benson St., West Haverstraw, NY 10993

WANTED: RCA Victor Model 100 or 101, a 4-tube tombstone. Interesting trades available. Steve Baron, 435 Park Ave., Lexington, KY 40502. (606) 269-2832

FOR SALE: RCA C13-2 console, house kept, cabinet nice, not working, 140 to 60,000 Kc - \$135. Majestic Model 92, nice console, not working - \$125. CB manuals, Sams, 68 total, like new - \$200. Sams auto radio manuals, write SASE. Crosley Trirdyn 3R3, no tubes - \$100. Russ Olmsted, 608 W. Thomson Ln., Murfreesboro, TN 37129. (615) 893-5344

WANTED: Zenith Model 12A1 chassis with speaker, must be clean, very good condition, no junk. E.B. Standifer, 3607 Forest Highland Dr., Chattanooga, TN 37415

WANTED: Premium price paid for two glass dial scales I need: Dial glass for an RCA 40x56, a 1939 New York World's Fair radio, or other chassis that uses same dial glass. Dial glass for Sentinel L-284 (Collins book, p. 79). Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 582-3094

FOR TRADE: Modern Electrics, send lists. **WANTED:** Antique tubes. Paragon DA Z. Please write; all letters answered. Marc Gottlieb, Box 1112, South San Francisco, CA 94083



CALIF. HISTORICAL RADIO SOCIETY

CALIFORNIA - June 29

MEMBERSHIP MEETING

Los Altos Hills, CA - 8 am
Electronics Museum, Foothill College

CALIFORNIA - July 16

REGIONAL SWAP MEET

San Francisco, CA - 7 am
St. Anne of the Sunset Church School
Playground, Funston & Irving Streets

Info: Paul Bourbin, 25 Greenview Ct.
San Francisco, CA 94131 - (415) 648-8489

NEW YORK - July 17

**GREATER NEW YORK VINTAGE
WIRELESS ASSOCIATION**

CLUB MEETING & FLEA MARKET

Ronkonkoma, LI, NY-12 Garrity Ave.
9:00 am - Rain or Shine

Info: Bob Scheps - (516) 928-8981
Chris Beacon - (718) 224-2669

MARYLAND - July 23

**MID-ATLANTIC ANTIQUE RADIO CLUB
MEETING**

Laurel, MD - Applied Physics Lab.
Johns Hopkins Univ. - 7:00 pm

Info: Joe Koester, 249 Spring Gap South
Laurel, MD 20707 - (301) 725-4229

ARKANSAS - July 7

**ANTIQUÉ RADIO COLLECTORS CLUB
OF FT. SMITH
CLUB MEETING**

Ft. Smith, AR - 5401 Free Ferry Rd.
7:30 pm

Info: Ed Stewart (501) 785-1116

RHODE ISLAND - July 30

**N.E. WIRELESS & STEAM MUSEUM
STEAM-UP & RADIO MEET**

East Greenwich, RI
N.E. Wireless & Steam Museum
Take I-95 Exit 8. Follow Rt. 2 South
Right on Frenchtown Rd. to Tillinghast Rd.

9:00 am (No Earlier) - Flea Market
Wireless Museum - Steam Museum
Wireless Station Exhibit

Live Steam - Bring Your Steam Engine

Info: John Terrey, 498 Cross St.
Carlisle, MA 01741 - (617) 369-9770
or Robert W. Merriam, Tillinghast Rd.
E. Greenwich, RI 02818 - (410) 8E4-1710

GEORGIA - July 9-10

**ANTIQUÉ WIRELESS ASSOCIATION
SOUTHEAST REGION CONFERENCE**

Atlanta, GA - World Congress Center
(in conjunction with Atlanta Ham Club)

Info: Don Patterson, (404) 738-7227
Larry Flegle, (404) 928-3022

MICHIGAN - July 22-23

**MICHIGAN ANTIQUÉ RADIO CLUB
EXTRAVAGANZA '88**

Lansing, MI - Dillon Inn, 525 Canal Rd.

Friday - July 22
Noon - Flea Market
7:30 pm - Auction - Programs

Saturday - July 23
Dawn - Flea Market
8 am - Equipment Contest
10 am - Program: Radio Repair Clinic
Noon - Luncheon
2 pm - Program: "The Lone Ranger"

Info: Jim Clark, 1292 Starboard
Okemos, MI 48864 - (517) 349-2249

NEW YORK - August 6

**NIAGARA FALLS WIRELESS ASSOC.
& AWA - SUMMER MEET**

Elma, NY - Elma Conservation Center
Creek Rd. (off Stolle Rd., off Rt. 354)

10 am - Flea Market
10 am - 2 pm - Contest
12:30 pm - Dinner
(Reservations before July 30)

1 pm - Program: Collecting

Info: James Kreuzer, 6270 Clinton St.
Elma, NY 14059 - (716) 681-3186

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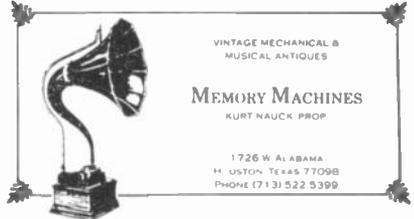


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MORE RADIO CLUB LISTINGS

CALIFORNIA - August 20

SOUTHERN CALIF. ANTIQUE RADIO SOCIETY - QUARTERLY MEETING

Swap Meet/Business Meeting
Burbank, CA - Lockheed Employees
Recreation Club, 2814 Empire Ave.
(near Hollywood-Burbank Airport)

Info: Mike Adams, 19151 Oriente Dr.
Yorba Linda, CA 92686 - (714) 779-7907

MARK YOUR CALENDARS

- June 29 - CA, Los Altos - CHRS *
- July 7 - AR, Ft. Smith - ARCCFS *§
- July 9-10 - GA, Atlanta - AWA, SE Region *
- July 16 - CA, San Francisco - CHRS *
- July 17 - NY, Ronkonkoma - GNYVWA *
- July 22-23 - MI, Lansing - MARC *
- July 23 - MD, Laurel - MAARC *§
- July 30 - RI - NEWSM Steam-Up Meet *
- Aug. 6 - NY, Elma - NFWA & AWA *
- Aug. 11-13 - IL, Elgin - ARCI Radiofest '88 *
- Aug. 20 - CA, Burbank - SCARS *
- Sept. 10 - OR, Oregon City - NVRS, Auction
- Sept. 21-25 - NY, Canandaigua - AWA
- Oct. 21-23 - TX, Dallas - VRPS
- Nov. or Dec. - FL - AWA

* See expanded listing on these pages.
§ Monthly Meeting.

Details, if received by A.R.C., will appear
in an issue of A.R.C. prior to the meet.

ILLINOIS - August 11-13

**ANTIQUÉ RADIO CLUB OF ILLINOIS
& AWA - RADIOFEST '88**

Elgin, IL - 345 River Rd (I-90, Exit 31 South)

Flea Market - Tour Muchow Museum
Thursday, Aug. 11 - Flea Market
Friday, Aug. 12 - Flea Market
11:30 am to 5 pm - Equipment Contest
Evening - Awards Banquet
Saturday, Aug. 13 - Flea Market

Info: Jeff Aulik, 803 N. Chicago Ave.
Rockford, IL 61107

Attend a club event near you, learn, meet
others in the hobby, and perhaps find an item
or two for your collection!

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S.F. MUSIC & GAMES

*Juke Box, Pin Ball
Video Games and Components
Repair with Care and Knowledge
Also Buy and Sell Machines*
2850 - 21st Street (corner Alabama St.)
San Francisco, California 94116
Bus. (415) 282-1155

DANIEL ZAVARO
Tech. in Electronic

Are You Looking For Antique Radios, Parts,
Tubes, Schematics, Etc?

For Free Flyer, a 2-Stamp LSASE is required to insure a
response to your request. Send to:

Olde Time Radio Company
2445 Lyttonsville Road, Silver Spring, MD 20910

Wish to contact us by phone?
Our number is (301) 585-8776.
Please call 10 am to 10 pm (Local Time)

Antique Radios



David & Nancy Snow

P.O. Box 6352
Jackson, MI 49204
(517) 750-4992

We Buy, Sell, Repair

ARBE - III Battery Eliminators

WANTED - OLD RADIOS BEFORE 1930



G.B. Schneider Phone: 216-582-3094
9511-23 Sunrise Blvd North Royalton, Ohio 44133

- Early Crystal Sets
- Battery Radios
- Horn Speakers
- Radio Magazines & Books
- Radio Tubes & Parts
- Early Radio Advertising

**SCHEMATICS 1920-1960
RADIO/TV/HAM/MISC.**
**FULL DESCRIPTION OF SET IN
FIRST LETTER PLEASE — \$3.50 EA.**

ALTON H. BOWMAN
RD2 (CHAPIN VLG.)
CANANDAIGUA, NY 14424

HI-YO SILVER!

COLLECTOR OF
Lone Ranger
MEMORABILIA

KARL L. ROMMEL
737 CLOVERLEAF RD
LANSING, MI 48906
(517) 484 7865

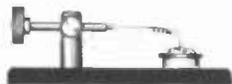
ROB M. SIMON
333 NO. GARFIELD
LOMBARD, IL 60148
(312) 620-4770

PRE
1900

**OLD
LIGHT
BULBS
WANTED**



WANTED



**Radio and Wireless items - pre-1925:
Books, Magazines, Catalogs, Receivers,
Transmitters, Speakers, Crystal sets,
Detectors, Tubes, and Spark Gear.**

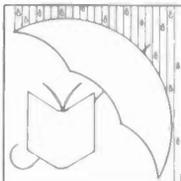
Will buy entire collections! Qualified appraisals anytime, anywhere.
(References provided)

New Wireless Pioneers

WIRELESS

Jim Kreuzer, N2GHD, 6270 Clinton St., Elma, NY 14059 (716-681-3186)

rainy day books



44 Bertwell Road
Lexington, MA 02173
(617) 861-8656
(Call for appointment)

frank bequaert
lucia bequaert

Technical Books Catalogs and Magazines Bought and Sold

Wireless - Radio - Telephone
Broadcasting - Telephone
Electronics - Computers
Electric Power - Electric RR
Civil Engineering - Machine Tools
Metallurgy - Mining

*New Lists Always Being Issued
Let Us Know Your Interests*



WAVES
ANTIQUES
EARLY RADIOS
&
PHONOGRAPHS
78 RECORDS
BOUGHT • SOLD
OPEN 12 6
CLOSED SUN & MON

32 EAST 13TH ST. NEW YORK, N. Y. 10003 212 989-9284

PROPRIETORS Bruce and Charlotte Mager

THIS MONTH'S SPECIALS:

1. Missouri Radio Corp., 1-tube radio...\$165
2. "On The Air" Book Radio..... 95
3. Zenith Cobra Record Demonstrator,
working 150
4. "Stromberg-Carlson Authorized Radio
Apparatus" Brass Desk Sign..... 145
5. Morris Crystal Radio (1950's) NIB..... 65
6. Home-Brew Crystal Set with phones.... 50
7. Send SASE for large list of paper for sale!

**SEE OUR FULL PAGE AD ON PAGE 48
FOR 130+ ITEMS FOR SALE.**



The Antique Radio Club of Illinois

proudly announces

RADIOFEST '88

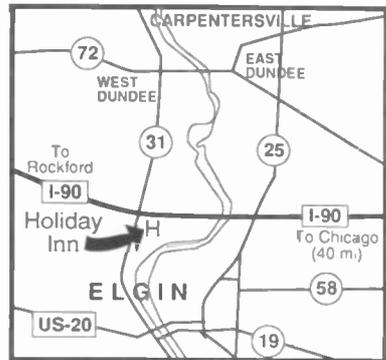
August 11th, 12th, and 13th

**The Holiday Inn Holidome and Convention Center
345 River Road • Elgin, Illinois 60120**

**Holiday Inn – Elgin
345 River Road
Elgin, IL 60120
(312) 695-5000**

ALL PETS MUST BE LEASHED

Exit Route 31 South
on I-90 Northwest Tollway
30 minutes west of Chicago



RADIOFEST has established itself as one of the premier antique radio gatherings in the country. This year will be no exception, as RADIOFEST '88 is held at the fabulous Holiday Inn Holidome and Convention Center in Elgin, Illinois, one of the finest convention facilities in the state. Please plan to attend and join us in an opportunity to add to your collection, view exhibits, participate in the contest or flea market, and visit Ralph Muchow's fabulous Radio Museum.

If you have any questions or comments, contact any of the Radiofest '88 committee:

Jeff Aulik
803 N. Chicago Avenue
Rockford, IL 61107

Dave Johnson
c/o Illinois Communication
1050 W. Huron
Chicago, IL 60622
(312) 243-0588

Carl Knipfel
Rt. 3 - Veterans Road
Morton, IL 61550

Danny Gustafson
c/o GSA
211 E. Ontario
Chicago, IL 60611
(312) 664-1999

See you in August!

OLD EQUIPMENT CONTEST

General Information

- All contest entries must be in the contest room between 11:30 am and 1 pm on Friday, August 12th.
- Judging will occur from 1:00 - 2:00 pm.
- The contest room will be open for viewing from 2:00 - 4:00 pm.
- Trophy for best of show and ribbons for categories.
- People's Choice Award

CATEGORIES

- | | |
|---------------------------------------|--|
| (I) Crystal Sets | (IX) Transistors (pre-1962) |
| (II) One- and Two-Tube Receivers | (X) PreWW II Amateur
Transmitting Equipment |
| (III) Three-Tube Receivers | (XI) Six- or more- Tube Receivers |
| (IV) Four- and Five-Tube Receivers | (XII) Speakers |
| (V) Cathedrals | (XIII) Advertising |
| (VI) Consoles | (XIV) PreWW II Portables |
| (VII) Art Deco (Mirror/Plastic/Other) | |
| (VIII) Televisions | |

Registration Information

If you need accommodations, please contact the Holiday Inn-Elgin (312) 695-5000 or 1-800-Holiday and mention that you are with RADIOFEST '88.

	Fee	Number	Total
Registration (NOTE: \$10.00 at gate)	\$ 8.00		
Family Registration (\$20.00 at gate)	16.00		
Awards Banquet (tax & tip included) Friday Nite	19.00		
RADIOFEST Mug (11 oz. glass mug with lid)	4.00		

DEADLINE FOR PREREGISTRATION - July 20, 1988

Total Enclosed _____

Make check payable to Antique Radio Club of Illinois (ARCI)

Mail to:

Carl Knipfel, Rt. 3 - Veterans Road, Morton, IL 61550

Name _____

Street _____

City/State/Zip _____



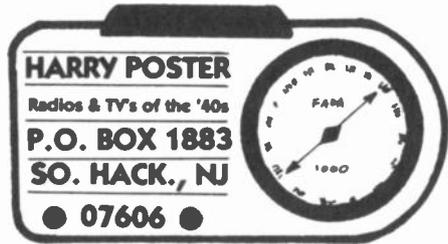
DISPLAY ADVERTISEMENTS



1 100 Sq. Ft!
~~800~~ **Square Feet of TV's & TV-Related Items**
For Sale or Trade.

Located in Mid-New Jersey at the intersection of the Garden State Parkway and N.J. Turnpike.

We repair early B&W's
We now stock
over 300 TV's
Buy - Sell - Trade!



Daytime Telephone: (201) 794-9606

SELLING—SELLING—SELLING—SELLING

Back from Indiana, with a load of TV chassis!

	<u>Chassis, As Is</u>	<u>Chassis w/CRT</u>	<u>Restored</u>
DuMont RA103	\$25	\$35	\$105
Motorola 7 inch	30	55	130
Sentinel 7 Inch	30	55	130
Raytheon/Belmont 7 inch	35	55	130
RCA 630 TS	40	60	150
RCA 721 TS	30	50	125
RCA 8TS30	30	50	125

BUYING — BUYING — BUYING — BUYING

Paying for TV's . . .

- Over \$1000-Any pre-1943 Television
- \$35-\$600 Many Pre-1960 TV's
- \$100-\$200 Pilot 3" TV-37
- \$100-\$200 Hallicrafters 7"
- \$50-\$150 Unusually styled '60's and '70's sets

Paying for Radios . . .

- \$10,000 Sparton Nocturne
- \$1,000 Emerson Mickey Mouse
- \$1-\$3,000 Air King Tombstone
- \$600 up World's Fair, Century Progress, etc.
- \$CATALINS - Will beat most offers

Buying Stereoscopic "3D" Cameras...Including Realist, View Master, Tru-Vue

WILL BE AT CHARLESTON IN JUNE---See you there!

GET THE MOST FOR YOUR MONEY: Call us BEFORE you SELL . . and BEFORE you BUY!

ALWAYS BUYING: Plexiglass, Mirror, Lucite, Cyart, Glass, Chrome, Catalin and Novelty Radios, and TV books plus TV novelties and TV's, TV's and more TV's!

Member AWA-ARCA-PARS-MAARC-MARC-VRPS-NFWA-NZVRS-HRSA

EXTRAVAGANZA '88

Sponsored by
The Michigan Antique Radio Club

July 22 & 23, 1988

Dillon Inn
525 W. Canal Road
Lansing, Michigan 48917
(517) 627-8381



EVENTS

See Reverse Side For Times and More Details

- ★ Two-Day Open Air Flea Market
- ★ Hospitality Area
- ★ 50/50 Raffle Both Days
- ★ Programs
- ★ Equipment Auction, Conducted by
Steve Waldron
- ★ Donation Auction
- ★ Equipment Contest (Categories are:)

- | | |
|--------------------------------|-------------------------------|
| 1. Novelty (tube-type) radios | 4. 1- & 2-tube battery radios |
| 2. Novelty (transistor) radios | 5. Art Deco radios |
| 3. Cathedral/mantel radios | 6. Crystal set radios |
| 7. Speakers before 1930 | |

For More Information, Contact:

Jim Clark
1292 Starboard
Okemos, MI 48864
(517) 349-2249

COME JOIN US AT OUR THIRD ANNUAL
EXTRAVAGANZA EVENT

EXTRAVAGANZA '88

PROGRAM SCHEDULE

Friday, July 22

Noon - on	Registration
	\$5.00 ...MARC Member Seller's Fee
	10.00 ...Non-member seller's fee
	1.00 ...Non-seller's admission fee
Noon - on	OPEN-AIR FLEA MARKET
Noon - 10 pm	Hospitality Area (Motel Lobby)
Noon - 7:30 pm	Auction Check-in of Equipment
7:30 pm	Friday's 50/50 Raffle Drawing
7:30 pm - 9:30 pm	Auction, Conducted by Steve Waldron <i>10% fee on all items sold.</i>



Saturday July 23

Dawn - Noon	OPEN-AIR FLEA MARKET
8 am - 10 am	Contest Check-in
8 am - 5 pm	Hospitality Area (Motel Lobby)
10 am - Noon	Contest Judging
10 am - 11:45 am	PROGRAM: Don Colbert gives his popular "Radio Repair Clinic"
Noon - 1 pm	Luncheon, at which Contest awards will be announced
1 pm - 3 pm	Contest Room Viewing
2 pm - 3 pm	PROGRAM: Bob Beemer (son of Brace Beemer, Radio's Lone Ranger) tells us of "Old Radio Programs Behind The Scenes"
3 pm	Saturday's 50/50 Raffle Drawing
3 pm - completion	Donation Auction <i>An Auction of Those Items You Have Donated to the Club at the Meet</i>

Tear off and Return Lower Section

EXTRAVAGANZA '88 REGISTRATION FORM July 22 & 23, Lansing, Michigan

- () MARC members seller's registrations @ \$5 ea. _____
- () Non-members seller's registrations @ \$10 ea. _____
- () Non-seller's admission fees @ \$1 ea. _____
- () Saturday Luncheon Reservations @ \$6 ea. _____
- TOTAL ENCLOSED: _____

Name _____

Address _____

City/State/Zip _____

Make check payable to MARC.

Mail form and check to: Larry Anderson 3453 Balsam NE, Grand Rapids, MI 49505

WANTED

ELECTRON TUBES – ST SHAPE

50, ST19, large size	\$30
80, ST14	\$4
45, ST14	\$15

ANTIQUÉ GLOBE SHAPE TUBES

37/237, not ST shape	\$5
145/245/345	\$15
250/350/450	\$30
56/256/356, not ST shape	\$5
80/280/380, not ST shape	\$10
210/310	\$10
UV201, top tip, brass base	\$12
UV202, top tip, brass base	\$25
UV216, top tip, brass base	\$20

TRANSMITTING TUBES

211/VT-4C/RS237/TM100	\$15
845/845W	\$30

WESTERN ELECTRIC TUBES

VT1/203B	\$20
VT2/205B	\$35
101D,F/102D,F/104D, ST shape	\$6
101D, F, G/102D, F, G, E/216A/104D/D86326/D86327, Tennis ball shape	\$20
205D, E, Tennis ball shape	\$40
205F, ST Shape	\$15
244A	\$6
262A/262B	\$10
271A	\$30
274A/274B	\$30
275A	\$20
300A/300B	\$80
348A	\$10
349A	\$6
350B	\$30
211D/211E	\$40
242C/261A/276A	\$25
284D	\$70
212D/212E	\$70

NOTE: All above prices are for "New, in Original Box" tubes.

As for "Used" tubes, write for details.

TUBE SOCKETS

UX4P 2A3, 45 Ceramic	\$2; Micanol	\$1
UY5P 27, 76 Ceramic	\$2; Micanol	\$1
WE 116A/116B, 117A/117B		\$8
Large 4P, 211, 845 EF Johnson		\$8
UX4P, UY5P James Millen, Cinch, National, EBY, American Phenolic		

TRIAL ELECTRIC PRODUCTS, INC.

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



THE A.R.C. AUCTION

Call (617) 371-0512, 24-hours, for a recorded message of high bids. Subscribers only may bid. Bid by mail only; no telephone bids accepted. **Your bid must be on a postcard and postmarked.** Mail to: A.R.C., P.O. Box 2, Carlisle, MA 01741. The postcard must include SUB#, name, address, telephone#, item #, item description, bid amount and signature.

Item #1 – FIRTH CRYSTAL SET

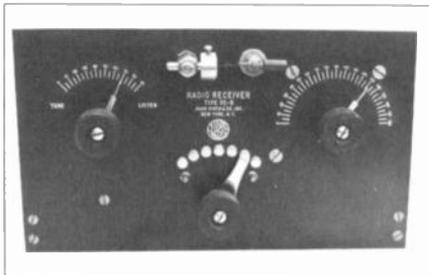
Model 35-B Crystal Receiver – 1922

As described in a John Firth & Co. advertisement: "35-B Receiving set. Consisting of crystal detector, variocoupler and condenser. Panels built entirely of bakelite. All terminals mounted on back of instrument." See Radio Age, November 1985, for more information on Firth sets.

There is no cabinet as this unit was sold without one. The unit is in excellent condition other than coil windings a bit dirty. All original except perhaps a binding post or two.

Seller: Jim Kreuzer

For info call: (716) 681-3186



Item #2 – KENNEDY PORTABLE

Model 311, 1-Tube Portable Receiver – 1923

The 1-tube receiver is in an oak box with hinged lid, instructions in lid and metal label. The receiver is on the left with controls for Tuning (condenser), Fine Tuning (single-plate condenser), Volume (variocoupler), Tube Control (rheostat) and Wave Length (switch). A good WX-12 tube is included. The compartment on the right is for batteries. Very good condition except for a few small cracks in the lid and a previous owner's name written on the bottom of the cabinet in permanent marker.

Seller: John V. Terrey.

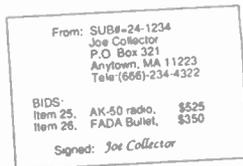
For info call: (617) 369-9770



INFORMATION FOR BIDDERS

1. Only subscribers may submit bids.
2. Bids will be accepted only on postcards. (Postcards are used to provide a written record of bids; postmarks are used to break tie bids and disqualify bids mailed after bidding has ended.)
3. Your bid postcard must include your SUB#, name, address, telephone #, item #, item description, bid amount and be signed as shown. Please, no ads, etc. on bid cards. Mail bid postcards to **A.R.C., P.O. Box 2, Carlisle, MA 01741.**
4. No telephone bids. Telephone and all other non-conforming bids will be disqualified.
5. It is OK to call the seller for information about the item, but bids may be made only by mail to A.R.C. (The seller has agreed to "no private deals.")
6. High bids (with its SUB#s) and other auction information are available only on the answering machine on (617) 371-0512.
7. Bid increments are as follows: under \$1000: \$10; over \$1000: \$25 (\$360 & \$1175 are OK; \$365 & \$1180 are not). Invalid bid amounts will be lowered to the next valid bid amount.
8. Bidding will cease on each item as determined by A.R.C. The winning bidder will be notified and must submit payment in full within 10 days to A.R.C. Packing & shipping costs will be paid by the buyer.
9. Items may have minimum bids which, in the opinion of A.R.C., are not unreasonable.
10. A.R.C.'s decision on all aspects of the auction are final. All rules are subject to change at any time. All transactions are between the buyer and the seller; A.R.C. makes no guarantees of any kind.

Your bid post card should look like this:



**ENTER YOUR SET
IN THE A.R.C. AUCTION.
3000+ POTENTIAL BIDDERS!**

WRITE FOR INFORMATION

A few items will be accepted for the A.R.C. Auction each month. Write to A.R.C. and ask for the **Auction Entry Form** which also lists seller information and fees. All items must be in better than average condition and probably valued at over \$300. Clear photos must be available. Once an item is entered into the A.R.C. auction, it cannot be sold privately or withdrawn.

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 10¢ each. See details below. All classified ads must be received (not just postmarked!) by the ad deadline. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page two for methods.) "Free words" cannot be accumulated from month to month; "free words" must be "taken" when ad is submitted.

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

Please write legibly and use both capital and small letters. Do not use dashes between words. Some numbers and letters can look alike, for example 1, I and l (the number one, the capital i and the small l.) Write the following characters clearly (especially in model numbers): 1, I and l; 0, O, o, Q and D. r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which looks similar to a common word or manufacturer, note it so that we do not "correct" it. Editor's comments are in [brackets].

Advertising is accepted only for items related to antique radios, communication, electricity, etc. All items must be described fairly; reproductions, reprints and not-original items must be identified as such. Advertisers agree to respond promptly to inquiries and orders, and to resolve problems promptly if the buyer is not satisfied.

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

CLASSIFIED AD DETAILS

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

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

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

Classified Ad Rates per Month

Subscribers:

- First 20 words: **FREE***
- 10¢ per word for extra words over 20 plus
- 10¢ per word for a shaded ad (count all words including free words).
- * Subscribers may take 20 free words on only one ad each month.

Non-Subscribers:

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

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

BOXED CLASSIFIED AD DETAILS

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

Minimum run is 3 months, prepaid.

Boxed Classified Ad Rates per Month

Nonshaded ads:

- 12¢ per word for all words,* none free, **plus**
- 10¢ per word for each bold word **plus**
- 10¢ per word for each all-caps word.

Shaded Ads:

- 22¢ per word for all words* **plus**
- 10¢ per word for each all-caps word.
- Note: All words in shaded ads are bold.

Non-Subscribers:

- Add 15¢ per word to above costs.

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

PHOTO & DRAWING DETAILS

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

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

\$5.00 per month for each photo or drawing

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: **WANTED, FOR SALE**, etc., count as one word each time used in an ad. **Name, address** and (one) telephone number, count as 6 words, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. (Note: "Jim, (111) 111-1111" also counts as 6 words.) So, please include complete name and address in your ads.

Each additional word, abbreviation, model number or number group, extra telephone numbers, etc. count as one word. Hyphenated words count as two words.



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

RETURN POSTAGE GUARANTEED

SECOND CLASS
POSTAGE PAID
at Carlisle, MA

TO:

POSTMASTER: Deliver Promptly

**CLASSIFIED AD
DEADLINE JULY 10TH**