



ANTIQUE RADIO CLASSIFIED



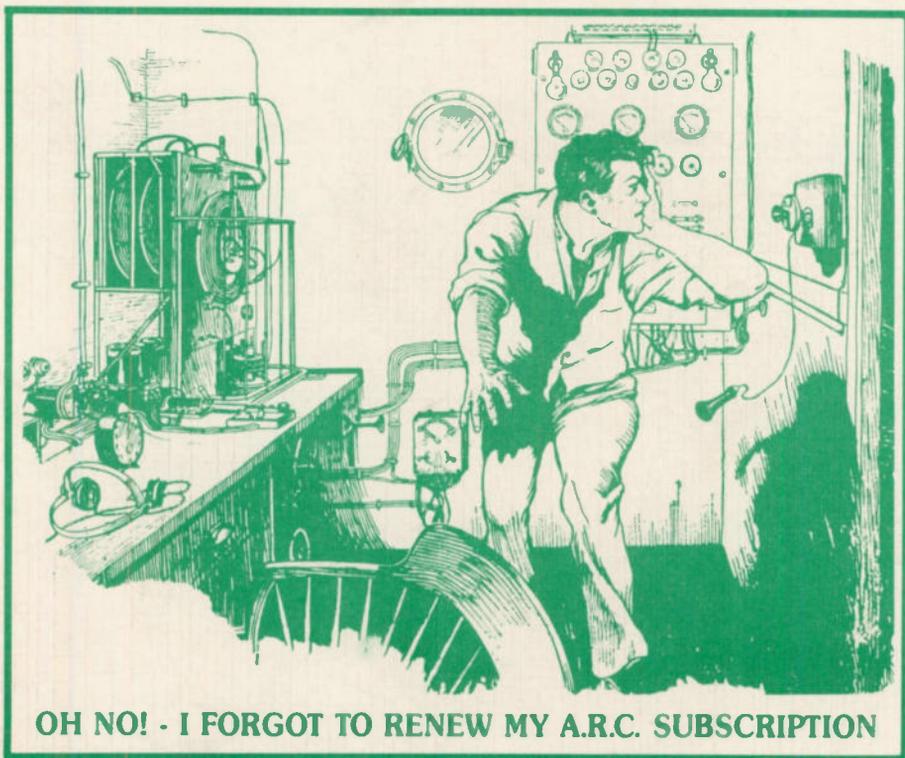
VOLUME 3

JULY 1986

NUMBER 7

RENEWALS DUE!

SEE DETAILS INSIDE



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

ANTIQUE RADIO CLASSIFIED

Publishing Details

Antique Radio Classified (USPS 735-090) is published monthly, 12 times yearly, at a subscription rate of \$18.00 per year Second Class and \$24.00 First Class mailing rates by G.B.S. Enterprises, 9511 Sunrise Blvd., P.O. 28, Cleveland, Ohio 44133, (216) 582-3094, Clev.

Second-class postage paid at Cleveland, OH.
 Publisher and Editor - Gary B. Schneider.

POSTMASTER: Send address changes to address above. Copyright 1990, Antique Radio Classified

Classified Ads

Each subscriber is entitled to one 20 word classified ad free of charge per issue. Additional words over the limit are 10¢ per word. Multiple insertions of same ad are discouraged. This is to allow for a varied ad content in each issue. Multiple insertion ads for more than 2 issues must be run as a display ad. All ads must be printed neatly and be received by the 8th of the month before next issue. See classified ad details elsewhere in this issue.

Payment

All ads must be paid for in advance. Make checks payable to Antique Radio Classified.

Purpose

Antique Radio Classified is published for people involved in the radio collecting hobby. Its purpose is to stimulate growth of the hobby thru the buying, selling, and trading of radios and related items. In addition, there will be coverage of upcoming radio conventions, meets, flea markets, etc. Other items of interest to collectors will be included in issues as material or suggestions are received.

Display Ad Rates

Antique Radio Classified accepts display advertising from companies that provide a product or service to the radio collecting hobby. As artwork is reduced 35% when printed, original should be 1.54 times the desired finished size and must be camera ready artwork. Original size areas are available as follows:

Full Page	10-1/2" H x 7-1/2" W	\$45.00
Half Page	5-1/4" H x 7-1/2" W	22.50
1/4 Page	5-1/4" H x 3-3/4" W	11.25
1/8 Page	2-5/8" H x 3-3/4" W	5.75
Business Card	1-5/8" H x 3-1/4" W	3.90

Full page ads may be vertical or horizontal format. Multiple insertions for 3 months qualify for a 10% discount. All artwork must be received by the 1st of the month to be included in the following month's issue.

Subscription Rate

Subscriptions are available on a yearly basis, \$18.00 per year Second Class and \$24.00 First Class mailing rates. Sample issues: \$2.00.

Submission of Material

Antique Radio Classified welcomes and solicits any information that pertains to the radio collecting hobby. This may include material such as upcoming radio events, meetings, radio books and publication reviews, new radio clubs and organizations, radio auctions and price reports, sources of old radio material and restoration supplies, and any other material that would be of interest to the hobby. All material submitted should be typewritten and verified for accuracy.

Change of Address

Notification of change of address should be made well in advance to receive uninterrupted copies of Antique Radio Classified. Do not depend on the Post Office to let us know.

Fine Print

The publisher is not responsible for any buying and selling transactions incurred by readers thru the content of this publication. Antique Radio Classified subscription and ad rates subject to change, as well as frequency of publication, content, and size.

ANSWERS TO LAST MONTH'S CROSSWORD PUZZLE

- Across:
 4. ELEMENT
 5. MARCONI
 7. NIPKOW
 8. VALVE
 10. SCREENGRI
 11. ARMSTRONG
 13. AUDION

- Down:
 1. CATHODE
 2. FLEMING
 3. PENTODE
 4. EMISSION
 6. DIODE
 9. ELECTRODE
 12. GRID
 14. ANODE

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LETTERS TO THE EDITOR

Dear Gary, Excellent publication! Very professional and well laid-out - nice look.

I have noticed several ads looking for round dial glass. This is easily available from clock repair shops, especially ones that do a lot of restoration.

Also, there is a place that does clock dial face restoration and could probably do that for any printed dial (either metal or plastic I would imagine): **Burt Dial**, Box 599, Exeter, NH 03833.

I would want to caution everyone again on the dangers of cleaning dials. Everyone has probably wiped the printing off of one at least once. Test the surface in an obscure area before cleaning. Some dials will take a lot of scrubbing without any wear, whereas others will smear if you look at them cross-eyed. I usually use window cleaner as a cleaner, but sometimes a milder cleaner like dishwashing soap is better. Experience will teach you to look closely at the dial to determine if the print is a weak surface job or imbedded between layers of plastic.

Thanks again for a great publication - Mark Oppat, Plymouth, MI

P.S. - How about a page of "sources" for stuff like knob repros, veneers, coil winders, etc. Also, a list of major collectors of particular brands like Zenith, Philco, AK, Freshman, RCA, etc. I don't know who they are but I'm sure as active as you are in the hobby (or a few others you might tap for this), you could put a strong list together off the top of your head.

Editors Comment: Concerning your list of "sources", I again agree there is a need for this. I briefly covered this subject in the April issue of A.R.C. on page number three. As of yet I have heard ZERO from anyone! As for your idea of a list of major collectors of particular brands of radios, this is a good idea also. Unfortunately, the problem is who is going to take this undertaking. For me, publishing A.R.C. has gotten to the point where the burden is overwhelming. I just don't have the time for any extra projects. The response for help in various areas is almost non-existent. There are many interesting ideas and topics that could be published in A.R.C. to widen its coverage of the hobby. But until everyone helps contribute to the hobby, nothing will happen! (GBS)

READERS COMMENTS

Dear Gary, My many thanks for printing the tube on page 22 of the May issue of A.R.C. I had two replies, one thought it was a mercury street light. The other positively identified it as a rectifier, see enclosed copy. Intern, I was able to help two other owners of the same type of tube. (*Herman Fothe - Sloatsburg, NY*)

Editor's Comments: Glad you found an answer to your question. All collectors are encouraged to submit items for A.R.C.'s "What Is It?" column as well as the "Q's & A's" and "Hints and Tips" columns. Besides helping find answers to your own questions, you are also

helping other collectors who may have similar problems or questions.

That is one of the big reasons I have been stressing the need for the hobby to unify and support A.R.C. With a large readership of collectors, the probabilities of getting answers to your questions (as well as response to classified ads) is greatly improved. There are still hundreds of collectors out there who do not feel A.R.C. is of any use to them. I think they are "missing the boat" - what do you think? If you agree A.R.C. is a help to the hobby, why not tell these reluctant collectors. Just one bit of useful information or a contact through a classified ad will return their subscription cost many times over! (GBS)

COMING EVENTS...

MICHIGAN: The Michigan Antique Radio Club is sponsoring a Summer "Extravaganza" this coming July 25 and 26th. Friday's Events include: Flea Market, Hospitality Room, and Video presentation on collecting & restoring. Saturday's Events include: Flea Market, Equipment Contest, and an Auction. **Details:** Flea market registration for all sellers is \$3.00 per vehicle (good for both days). Auction: Held inside, 10 percent donation to the club of all items sold. Equipment Contest: Categories are battery radios made in Michigan, electric radios made in Michigan, speakers, TV's, and crystal sets. Location: Dillion Inn, 525 N. Canal Road, Lansing, Michigan 48917 (517) 627-8381. Information: Jim Clark (517) 323-9595



NIPPER RETURNS - While returning from the Dayton Hamfest in Ohio, I came across this truck traveling on the Interstate. In regards to the hamfest - it was as large as usual. Not too much old stuff turned up for sale, but did find a few interesting items to make it worth the trip. (*James Kreuzer - Buffalo, NY*)

RADIO MEET REPORT...



I.H.R.S. RADIO MEET - This past April was the annual meet at Auburn, Indiana of the Indiana Historical Radio Society. The meet was well attended with collectors from many surrounding states. Besides the huge flea market there was also an auction of radios and related items. Shown in the photos are Frank Heathcote and John Miller looking over a "Basket Case" radio in the flea market. Another view is of the auction and the last photo of Jim Kreuzer and some of his "excess" battery radios for sale. Interested in joining the I.H.R.S.? - Write for info to: E.E. Taylor, 245 N. Oakland Ave., Indianapolis, IN 46201

FINDS OF THE MONTH...

I have been collecting radios for over five years and have an excellent collection of rare and hard to come by radios. Though my collection has given me much enjoyment, I have never felt that it was "complete" until I could get an Atwater Kent breadboard. I guess every collector feels that way, there has to be a breadboard in order to obtain that "special felling" in a collection. My breadboard came about as follows:

We have a paper that is delivered to everyone in several counties for free. It contains only "for sale" and "wanted" ads. Also listings of auctions and flea markets. The last issue listed a "one time" flea market about 15 miles from my home. Naturally a flea market is a good place to find old radios, so I went. After asking twenty vendors for old radios, I received the usual reply - "sorry, we haven't any."

Then I asked the next vendor - "any old radios?" He looked at me and replied, "yes, I have one at home, but it has no cabinet, just sits on a board. It has three dials and five tubes. Look's like H--. Guess some guy tried to build a radio years ago. If you want to see it, I'll bring it tomorrow - for \$55.00." Well, I recognized the set as a breadboard, and couldn't sleep all that night!

Next morning I was at the flea market by 7:30. They opened at 8:00, but I couldn't wait. As I drove by the vendor I saw the radio on the top of the vendor's van. Even at that distance I

recognized it as a breadboard, though I had never seen one except in pictures.

I didn't hurry over to the vendor for I didn't want to appear over eager. After the usual greetings I asked to see the radio, all the time trying to conceal my excitement. I looked it over and commented, "sure looks like someone tried to build a radio. How about \$50.00 for it?" He looked at me and said "sold!"

Hurrying home to actually find out what set I had, I still couldn't believe it! Getting out my copy of "Vintage Radio", I found that I had an Atwater Kent Model 10. It only took 3 hours to clean up, and it now sets in my collection as my most honored prize. It is in excellent condition and is almost show room "new". Think I got a good buy for \$50.00? - I surely do! (George Friedrich - Custer, WI)

RADIO HOBBY NEWS...

Flash Notice: Word has just been received of a newly published book for the antique radio collector. The title of the new book is *The Radio Collector's Directory and Price Guide*. The 321 page book will be selling for \$15.95 plus postage. Antique Radio Classified will be reviewing this new book, hopefully in next months issue. Please watch for complete details on this review and where the book may be obtained.

EDITORS COMMENTS...

As you now know, A.R.C. has raised its yearly subscription price from \$15 to \$18 per year. It was hoped that this \$3.00 increase would alleviate some of our financial problems. But to add more misery for us, the U.S. Post Office has just recently raised their rates to mail 2nd Class publications.

Two increases, one on March 9th and the other on April 20th, have almost doubled our postage cost. Unfortunately the Post Office gave us no advance notice of these increases. By the time it was found out about the rate hikes, it was too late to adjust our subscription rates to reflect the new mailing cost (advertising flyers and other promotional items were printed well before the rate increases were known). As you might imagine, postage cost are a large portion of our cost to publish A.R.C.

As of right now we are still sticking to our original \$3.00 subscription increase, however, something must change in the future to enable us to continue publishing A.R.C. At this time we don't know what the solution is, but we will gladly accept any comments or suggestions you might have to resolve some of our financial problems. (GBS)

COLLECTORS Q's & A's...

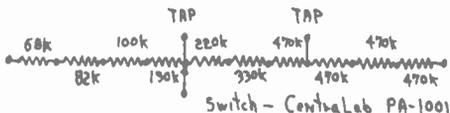
COLLECTORS Q's & A's - This column is available to the readers of A.R.C. to enable them to find answers to any questions they may have concerning restoration problems, sources to buy restoration supplies & parts, and other relevant questions pertaining to the "old radio hobby". Readers are encouraged to send to A.R.C. any questions they may have, and also any answers to the questions asked by the readers. The answers to the posed questions will be printed in the future issues.

COLLECTORS Q's & A's - In answer to collectors Q's & A's question #2 in the February 1986 issue of A.R.C. (on how to replace a defective tapped volume control when you don't have one), I can reply by giving my own solution to this problem when restoring a Zenith 7S685. The set required a 2.5 meg volume control with two taps. It was absolutely necessary to have such a control with the two taps, as the tone control circuit works through the taps on the volume control. A volume control with no taps could have been used to restore the radio to working condition, but the tone control circuit would be disabled, making a poor restoration as well (the shaft was an oddball size - 1/8" dia.).

My solution to the problem was to use an eleven position non-shorting switch for a volume control by placing fixed resistors between

each switch position in series. The total added up to about 2.5 meg, and the taps could be connected at any two of the switch stops. To adapt the shaft to this radio I cut the shaft as short as possible, drilled an 1/8" hole in the center, inserted an appropriate length of welding rod in the hole, and brazed the welding rod to the shaft. A flat was filed on the end to accommodate the knob setscrew. Before brazing was done, the phenolic switch wafer was removed to avoid burning it.

Below is the schematic of the control. The values shown are for a 2.5 meg control. If another value is needed these values can be scaled in proportion to what is needed. For example - if a 250K control is needed, just divide all resistance values by 10. In selecting the given values, I selected the values given so as to provide the same semi-log taper as the original control would have. Here is the schematic:



With these values I get a smooth and continuous change in volume as the switch is rotated. If an attached on-off switch is desired, buy a switch with an extra gang and use the second gang for an on-off switch. I hope this will be of help to other restorers, as I have faced this problem many times before. (Peter Ivanchich, 30040 Jamestown, Romulus, MI 48174)

RADIO TRIVIA & FOLKLORE...

RADIO TRIVIA & FOLKLORE - During the early years in my radio repairing ventures was another fallacy prevailing in my community. The public was insisting that I use only "fresh" replacement tubes, and in some instances show some kind of proof that they were "fresh", by date on sales invoices, etc. I presume they were associating tubes with the limited shelf life span of B batteries. I ponder the thoughts now on how well my AK bread-board models 9 & 12, and my DeForest type D-10 are working with original type tubes, perhaps 50-60 years old. (William Stuber Woodward, IA)



**Renewal deadline
July 26th**

LETTERS TO THE EDITOR

Dear Gary, If you would allow one more letter in the ongoing debate on dealers in our hobby, I would like to add a few brief comments.

I fully agree with the previous writer's assessment of the antique radio dealers who "save sets from the dump." These people, who spend their valuable time and money seeking out radios at flea markets, auctions and garage sales, are indeed doing the hobby a service and deserve whatever reward they get.

What I disagree with is the practice of buying a radio from one collector with the sole intent of reselling it at a profit to another. To cite an extreme example: At a major radio meet last year, one collector/dealer bought an item from me. A few minutes later, I saw this same radio at the dealer's swap meet space, now on sale for more than double what he paid me for it. Before the day was over, several other radios had met this same fate.

This kind of behavior is reprehensible. Besides being obnoxious, in my opinion, it makes a mockery of any attempt to keep prices at a moderate level. Some inflation is natural, of course, and I see nothing wrong with making an occasional profit on a radio deemed surplus to one's collection. But what's the point of offering a radio for sale at an affordable price if a dealer is going to buy it and jack up the price?

I challenge that dealer to use this forum to present his side of the issue. *Yours Sincerely*
- Steve Baron.

Editors Comments: Steve, Your letter should make a few people wake up! This practice is quite prevalent at the swap meets.



NEW YORK: A.W.A./N.F.W.A show & flea market Saturday, August 16th. Elma conservation club, south of Buffalo, New York. Take Route 78 to 354 East to Stolle Road south, then right on Creek or follow signs from Route 78. Flea Market 10:00 AM, coffee and donuts available. Roast Beef dinner at 12:30 (dinner is \$5.00). Advance registration required by August 2nd. Talk at 1:30 to 2:30 on home brew radios & history. Contest categories: homemade radios; parts and catalogs. Visit the James Kreuzer Wireless Museum from 2:30 to 5:00. For further info contact: Felica Kreuzer, 6270 Clinton St., Elma, NY 14059 (716) 681-3186

RADIO MEET REPORT

The Michigan Antique Radio Club held its Spring Swap Meet at the Cascades Clubhouse in Jackson, Michigan. Between 60-80 people attended the meet, and all were marveled by the exceptional Spartan display of radios, advertising and other memorabilia. Karl Rommel donated to the club a very nice Majestic console radio which was raffled off for \$63. The 50/50 raffle was won by Brenda Clark and brought her \$31.50. A special thanks goes out to "Abe" Lincoln for all his help in organizing this event. The next M.A.R.C. meet will be our "Extravaganza" at the Dillon Inn in Lansing on July 25 & 26th. See you all there - Jim Clark, President.



The Houston Vintage Radio Association recently held its seventh annual show and auction in one of the area shopping malls. This provided an excellent opportunity to display many rare, unusual, and ornate radios and TV's. The public seemed very interested as many shoppers would pause to examine the radios on display. The combination of the old equipment, continuous old radio programming, and the nostalgia display items caused many shoppers to stop and relate their early experiences to the HVRA members. A crowd always gathered when a demonstration on "quack machines" was in session, given by Dave Herlinger. The old equipment contest "Best of Show" award went to Charles Sharpless for an Ozarka Senior S1, 1925, in beautiful condition. As a result of the show, 23 new members joined HVRA compared to six last year. You are also invited to join, its only \$6.00 per year for you out-of-towners. Send your inquiry to Ron Taylor, 12407 Mullins, Houston, Texas 77035 (713) 726-0783



UNUSUAL ITEMS...

**Rectifier Replacement
For Manhattan "B"
Eliminators, etc.**

For story on this tube see "Readers Comments" on page 3.



COLLECTORS CORNER

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

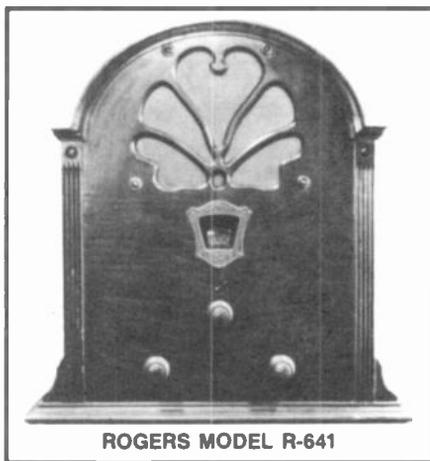
ROGERS BATTERYLESS R-641

Among the most interesting company histories is that of the maker of this month's featured radio, the **Rogers Batteryless R-641** manufactured by the Rogers-Majestic Corporation Ltd. of Toronto, Ontario, Canada. Edward Rogers, while not inventing the AC operated radio tube, solved the many problems that were keeping the AC operated radio receiver from being commercially feasible. The first line of Rogers Batteryless radios were displayed at the Canadian National Exposition held in Toronto in August and September of 1925. Eight models were available ranging in price from \$110 to \$370, having either a 5 or 7 tube chassis. The RF, AF, and detector tubes were similar to the McCollough/Sparton 401 and the half wave rectifier was similar to an O1A minus the grid.

In November of 1928 Rogers and the Grigsby-Grunow Company of Chicago (Majestic Radio) consolidated interests in Canada and became the Rogers-Majestic Corporation Ltd. It was mutually beneficial as Majestic was just moving into radio production and needed the patents and expertise available at Rogers. Rogers was strengthened against the onslaught of AC receivers entering the market. Rogers survived the collapse of Majestic in 1934 and took over the DeForest-Crosley Radio Corporation of Canada in 1935 becoming the largest maker of Canadian radios. Rogers died in 1939 and in 1941 the company was sold to Rediffusion Ltd. of England. Now, Rogers-Majestic is part of the North American Philips Company.

The Rogers R-641 is a 6 tube TRF receiver and was introduced in 1931. Three type 24 tubes are used in the 2 RF stages and in the detector, which is transformer coupled to a push-pull audio output stage using 2 type 45 tubes. An 80 rectifier provides DC which is amply filtered by a choke, speaker field coil, and two 8 mfd. filter caps. Volume is controlled by varying the cathode voltage to the 2 RF tubes. A 2 position tone control is used.

The chassis of the R-641 is made of heavy gauge metal, the RF tubes and tuner are shielded, and the chassis is well ventilated. The



ROGERS MODEL R-641

construction is quite similar to Majestic sets of the same period. The cabinet is of high quality and is available in a number of different styles. The set weighs 40 pounds and measures 19 inches high, 19 inches wide, and 10 inches deep. As with all TRF sets selectivity is lacking, however, sensitivity is very good as is tone quality.

As Rogers was one of the largest set makers in Canada, occasionally they can be found in the U.S. Like all Canadian radios they are very scarce as few, if any, were imported and little information can be found on them. One thing to watch for on these Rogers sets is warping of the tuner plates due to deterioration of the pot metal mountings. Luckily these can be replaced with units from Majestic models 20, 30, 50, and possibly other models which are quite easily found.

Most of the above historical information on Rogers is from "Rogers Batteryless Radio Receiving Sets, A Brief History" by Maurice Chaplin of Hamilton, Ontario. The next installment will feature an unusual AC table radio of 1928, the Shamrock model 28-29. (*Frank Heathcote*)

The Collectors Corner will appear as a regular feature of *Antique Radio Classified*. It is an attempt to build knowledge and interest of radio collectors primarily in AC home receivers of the late 1920's to the 1940's, with emphasis on the lesser known and more unusual styles and brands. Helpful restoration hints will be given where possible. Any questions, comments, or suggestions on this column, the radios featured, or on any other radios may be sent to Frank Heathcote, 1235 N. 3rd St., Logansport, Indiana 46947. Please include a self-addressed stamped envelope for reply.



TELEGRAPH KEY REVIEW

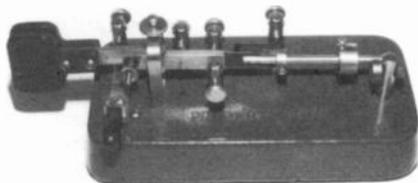
During the course of collecting and searching for radios, many collectors will have the opportunity to acquire telegraph keys and related items. In order to acquaint you to this collecting speciality and broaden your knowledge in this field, the accompanying photos of the Gil Schlehman, K9WDY, collection are presented to show the many types and variations you may encounter. Any questions regarding telegraph keys, please write in care of Antique Radio Classified.



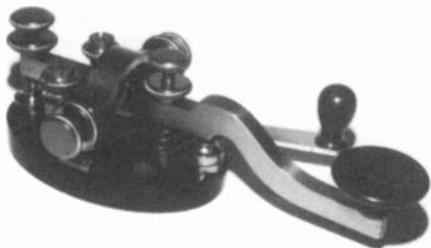
VIBROPLEX VERTICAL BUG - This "upright" or Wire Chiefs' key was made from about 1917 to about 1925 for the cluttered wire chiefs' desk so it would take up the minimum amount of space. Although they have a nice action, apparently not too many were made as very few can be found today. It is fashioned after the single contact mechanism incorporated into the Vibroplex "X" models made at about the same period. *Courtesy R.W. Reinke.*



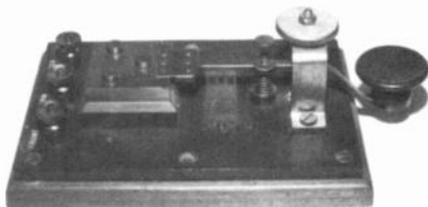
KENCO BUG - This bug was made by the Kenmore Co. of Boston. It is built onto a piece of 1/8" bakelite, and that was mounted on a hollowed cast iron base. It looks very much like the Go-Devil bugs, and until I picked this one up in the original box, I thought it was one. It dates approximately from the 1930's.



POSTAL TELEGRAPH BUG - This bug is built onto a cast iron base a full one inch thick, making it steady as a rock. Stamped into the top is the wording: "Property of Postal Telegraph Cable Co". A simple, but effective, instrument made for rough use it survived the modern day rough handling of the Post Office, but just barely. *Courtesy M. Routt.*



TILLOTSON CAMELBACK - A post Civil War camelback, it was used on the landlines during the 1870's and onward. It is of heavy brass construction and built onto an oval hard rubber base. A small but well built piece of equipment made for rugged use. *Courtesy R. Matson.*



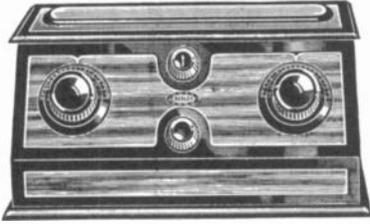
MARCONI KEY - An example of an early wireless key made by the British Marconi Co. in the Chelmsford shops in London. A simple but effective key, it reflects the quality built into anything Marconi Co. made. *Courtesy Ed Raser.*



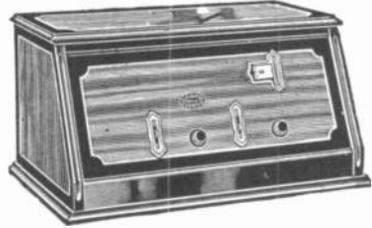
CROSLLEY REVIEW

CONTRIBUTED BY: DAVID CROCKER, 6 OLD FARM RD., DUXBURY, MA 02332

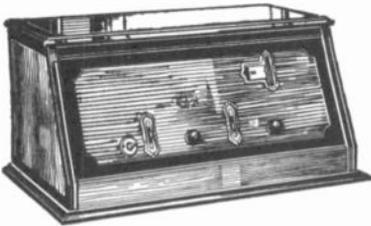
Of all the radio manufacturers, one of the most popular with collectors is the Crosley Radio Corporation. Due to this wide-spread interest, Antique Radio Classified in cooperation with Dave Crocker, a Crosley specialist, will present a series of articles showing the many models of Crosleys manufactured. This will help assist the collector in identifying the many types of Crosleys made, as well as increasing ones' knowledge on the subject. Any comments or questions concerning this column should be directed to Dave with a S.A.S.E. for reply. See address above.



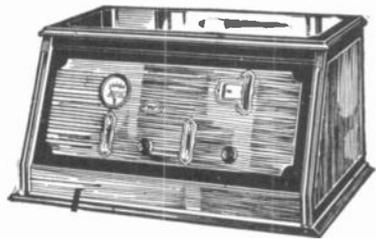
MODEL 4-29 - Late 1925 saw an entirely all-wood cabinet model 4-tube receiver. Tuning was done with two variable plate condensers (no "book" tuners). Tubes were serviced through a removable oval wooden lid on top. It was designated "Model 4-29", 4 tubes... \$29 price. The regeneration coils were the same as earlier Crosleys... but referred to as the "Crescendone" for volume control. The 4-29 was the last model to use Crosley's old faithful large-type tuning dials.



MODEL 5-50 - In 1927 the first metal chassis base was introduced in this 5-tube "5-50" (5 tubes... \$50). Each of the three sections of the chassis was separate and shielded from one another. Single dial tuning made its entrance by means of a thumb wheel drum with a paper dial and had space to note desired stations.

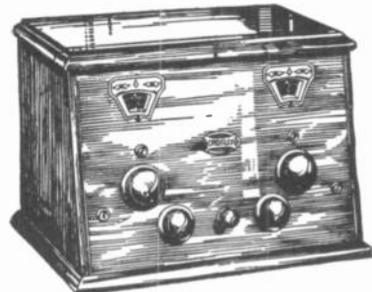


MODEL 6-60 - This "6-60" indicates it was a six tube receiver that sold for \$60. You got one tube more of amplification than the 5-50 model, plus an on/off switch on the panel. All stamped metal trim appeared as gold finished.



MODEL AC-7 - Late 1927 had Crosley introduce its first A, B & C power converters from light socket plugs. It connected up to this AC-7 seven tube set that resembled the 5-50 except for the voltmeter on the panel. Its price was \$70. A console version was offered for \$15 more.

LOWAVE - In 1926 Crosley offered a unit for short wave reception. It was called the "LOWAVE" and used 3 tubes and two plug-in coils for various bandwidths desired. It connected between the antenna lead-in and the antenna input posts of any receiver.





UNUSUAL RECEIVERS

PRECISION "ACE" TUNER/AMP.

The set pictured is a double decker version of the TRU Concert Receptor and AV2 Amplifier that Precision Equipment was selling in 1922. I obtained this set from Glenn Baird who was most gracious to part with it. I'm making a guess that this set was sold by Crosley between January and August of 1923.

The regenerative tuner on the bottom is all Precision with ACE tube socket, condenser, variocoupler and rheostat. The knobs are not the ones shown in 1922 Precision ads, but are the same as pictured in the back of an early 1923 Crosley catalog. The binding posts are the same ones Crosley used on his Model X.

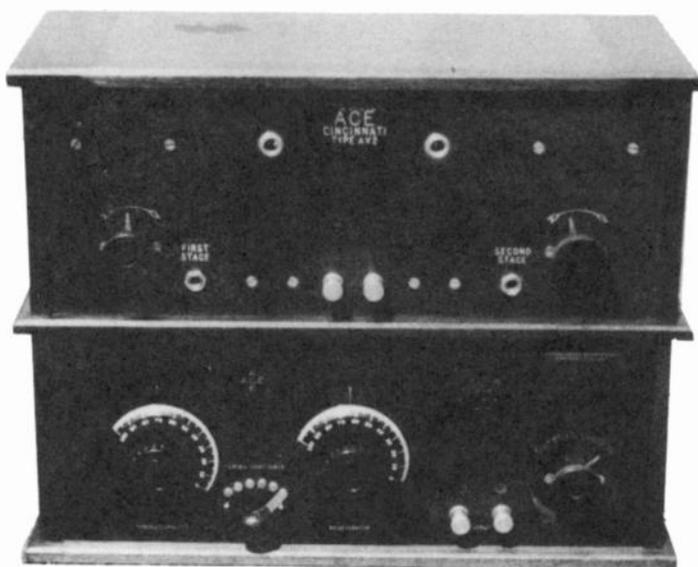
The amplifier on top is very different from the amplifier Precision advertised. Precision's original AV2 amplifier had a filament switch in the top center, a lever switch in the mid center, and two perforated peep holes in the panel. The amplifier pictured utilizes jacks in place of the lever switch, Crosley-like eyelets for the peep holes, and Crosley binding posts.

Inside, the amplifier contains ACE sockets and the distinctive ACE transformers. The bottom of the amplifier is actually the top of the tuner and is hinged. The entire amp must be lifted up on the hinges to gain access to the tuner.

The set is an excellent performer due to the Armstrong regenerative circuit. it covers the entire present day broadcast band. I used a 50 foot antenna strung up in the attic to pick up the stations shown on the log sheet (tap switch #6 is fully CW). I am unable to report on the performance of the amplifier since one of the audios is open.

The jacks on the amplifier of this set are a significant departure from Precision's philosophy, if Precision did indeed make this set. In advertising the original AV2 amplifier Precision states:

"The majority of amplifiers now available use the plug and jack method of changing from detector to one or two stages of amplification. The slipping



PRECISION "ACE" TUNER/AMPLIFIER

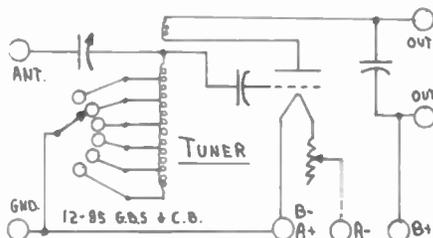
contact of this type we have found to be objectionable, due to its becoming dirty and greasy, and making poor contact, which causes interfering internal noises in the receivers. We have therefore eliminated the plug and jack, and have devised a special switching arrangement which provides an ideal changeover from detector to one or two stages of amplification..." Contrast this to the fact that Crosley announced a new model, the XJ, in an August 1923 ad of QST. It had... a jack on the front panel.

I believe Crosley made this set after acquiring Precision in January 1923 and before advertising his XJ in August 1923. What do you think? ...*(Contributed by: Craig Ball, 10101 Oak Hollow Circle, Austin, TX 78758)*

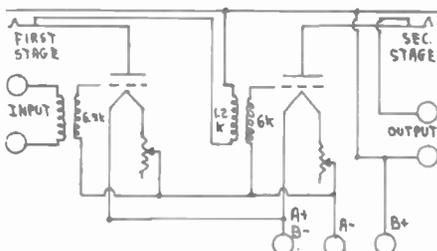


LOG SHEET

STATION	TAP SWITCH	TUNING
KROX - 570	6	86
KLBJ - 590	6	72
KLBJ - 590	5	100
KIXL - 970	6	11
KIXL - 970	5	18
KIXL - 970	4	31
KIXL - 970	3	55
KIXL - 970	2	100
WHO - 1040	5	14
WHO - 1040	4	23
WHO - 1040	3	37
KVET - 1300	4	10
KVET - 1300	3	15
KVET - 1300	2	22
KNOW - 1490	3	8
KNOW - 1490	2	12
KNOW - 1490	1	83
KTXZ - 1560	2	10
KTXZ - 1560	1	56
WLW - 700	6	32



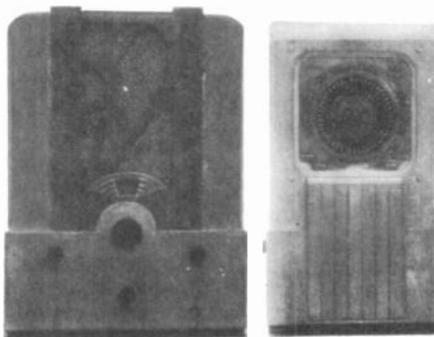
TUNER SCHEMATIC



AMPLIFIER SCHEMATIC

WHAT IS IT?..

WHAT IS IT? - I bought this set at an auction for the large sum of three dollars. It was painted blue. After removing the blue paint I found it was painted white. However, under that I got down to the varnish and found it to be a butted walnut veneer. The front was in rough shape, but the sides were in real good shape. The clock on its side runs good but I am at a loss to know its real function with the radio. There is a motor that drives the variable condenser - this motor is controlled by the clock, which has 48 different settings. Each of these 48 have four colored coded settings with a wire which go to the back of the radio, where there are ten adjustable settings. The four leads have plug-in's on them which go into the adjustable jacks. A very simple set-up, isn't it!



Well, to make a long story short, if anyone out there has any knowledge on this set would you please contact me. *(Bernard Gebhardt, 2900 Merrill Ave., Wausau, WI 54401)*

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150---5	1.5K--10	15K--10	150K--10	2.0M---5
200--10	2.0K--15	20K--15	200K--15	
240--10	2.4K--15	24K--15	240K--20	
300--10	3.0K--10	30K--15	300K--10	
360---5	3.6K---5	36K---5	360K---5	
390---5	3.9K--10	39K--10	390K--10	
510--10	5.1K--15	51K--20	510K--20	
620---5	6.2K--10	62K--15	620K---5	
680---5	6.8K---5	68K---5	680K---5	
750---5	7.5K---5	75K--10	750K--10	
820---5	8.2K---5	82K---5	820K---5	



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RENEWAL INSTRUCTIONS:

With the upcoming August issue 95 percent of all subscribers will have their subscription expire. If your mailing label reads "8609 = EXP" then August is your last issue. Renewals for the period September 1986 through August 1987 are now due. As A.R.C. enters into its third year of publishing, we are now raising the basic subscription rate from \$15.00 to \$18.00 per year, an increase of only 25 cents per issue. Even at a \$1.50 per month, A.R.C. is still one of the best values around in the antique radio hobby. A little investigation on your part will confirm this fact.

We are now offering, for those who desire, an option to have your copies mailed by First Class mail service (in a protective envelope). This option cost \$6.00 additional or \$24.00 total. This extra cost is totally absorbed by the cost of postage and envelope cost. Those subscribers who choose the First Class option have the benefit of having their copies mailed out before 2nd Class subscribers.

Also at this time we are requesting that all subscribers with expiration codes (codes are printed on mailing label) 8610, 8611, 8612, 8701, 8702, and 8703 renew now at the pro-rated rates as shown in the chart below. This will enable A.R.C. to have all subscribers expire at the same time, thus greatly simplifying our record keeping.

Please note these important points: First - all renewals and extensions are due by **July 26th**. This is necessitated by our printer to know how much cover stock and paper to order for the September issue (order placed August 1st). Only enough copies will be printed to cover renewals received by that date, so be sure to get your renewal in by July 26th. Second - we are again doing a survey on your collecting interest and other points of interest to A.R.C. Please take a few minutes to answer the questions on both sides of the renewal form. We would like to get 100 percent participation so that the survey results are accurate. Third - you must fill out the enclosed renewal form! Periodic audits by the Post Office require us to have proof of number of subscribers we claim on our monthly mailing statements. Thank you - Gary B. Schneider, editor.

RENEWAL RATES:

A	B	C	D	E	F	G	H
8609	AUG. 86	\$18.00	\$24.00	AUG. 87	0	12	12
8610	SEP. 86	\$16.75	\$22.75	AUG. 87	1	11	12
8611	OCT. 86	\$15.50	\$21.50	AUG. 87	2	10	12
8612	NOV. 86	\$14.25	\$20.25	AUG. 87	3	9	12
8701	DEC. 86	\$13.00	\$19.00	AUG. 87	4	8	12
8702	JAN. 87	\$11.75	\$17.75	AUG. 87	5	7	12

- Column A = Expiration code from your mailing address label. (EXP. #)
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NOTES: Column "C" rates (after 8609) based on increase of rates from \$1.25 to \$1.50 per copy retroactive to September 1986.

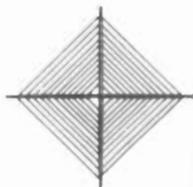
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CANADIAN RATES: All subscriptions for Canadian subscribers must be paid at First Class Rates. (Column "D")

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THE ANTIQUE RADIO CLUB OF ILLINOIS proudly announces *Radiofest '86* this coming August 8 & 9th, 1986. Location is at the all new Holiday Inn Holiday Convention Center, 345 River Road, Elgin, Illinois 60120. For reservations call 1-800-HOLIDAY or 312-695-5000. Mention Radiofest '86 for special rates. For more information contact: Joe Willis, P.O. Box 14732, Chicago, IL 60614

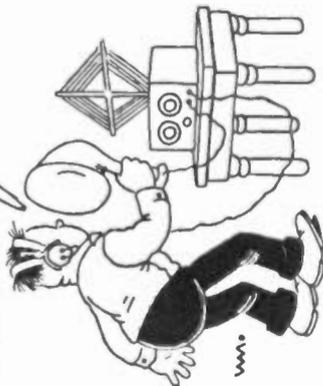


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WANTED: Speaker for RCA K80/RC415D console - 12" type RL-70J-1. Rodney Holland, Rt 9 - Box 100, Mena, AR 71953

FOR SALE/TRADE: Crosley Pup, Radio Keg (Barrel Radio), Abbottsware (horse radio), Howe Xtal radio, Kennedy V (rare console), Radiola Balanced Amp., Detrola Pee-Wee Portable, others - SASE for list. C.E. Clutter, 14330 NE. Fremont Ct., Portland, OR 97230 (503) 254-9296

WANTED: Remote control for Capehart or Stromberg Carlson. Any Capehart literature. A. Peterson, 800 126th Ave. NE., Blaine, MN 55434 (612) 755-6383

FOR SALE: Catalin radio, Emerson Model S20. Great condition, best offer or trade for other catalin radio (send photo). H. Sepanski, Box 52185, Philadelphia, PA 19115

WANTED: Information and current value wanted on a Brunswick/Radiola Super Heterodyne Model BR-160, No. 186995, good condition. Dick Randall, 1263 Lakehurst Rd., Livermore, CA 94550

FOR SALE/TRADE: Iconoscope (RCA 1850) early X-ray tube. C.E. Clutter, 14330 NE. Fremont Ct., Portland, OR 97230 (503) 254-9296

WANTED: Buy, borrow or photo for loop antenna of BC-9 Signal Corps U.S. Army. Have a BC-9, but no antenna and don't know shape of it. Wish to buy or make by hand. Please help with information, all letters answered. Minoru Wakasugi, 1-16-11 Tokiwadai, Toyonocho Osaka, 563-01 Japan

FOR SALE: Over 3000 tubes for antique radios back to 1922, and up to 1960, send \$1.00 for list. Charles Humphreys, P.O. Box 598, New Haven, WV 25265

WANTED: Horn only for a Manhattan Junior speaker; three (3) 216A tubes. **FOR SALE:** Horn and cone speakers, radios, magazines, etc. Send SASE for list. I'll swap too. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456

FOR SALE: Twenty-seven (27) "ARRL Amateur Handbook", 1949 thru 1981, missing are 1951, 52, 58, 59, and 62 - \$50.00. W. Becht, 625 Tufts Ave., Burbank, CA 91504

WANTED: Early General Radio, Weston, and Ampex material and papers. John A. Field, 117 Arroyo Place, Santa Cruz, CA 95060

WANTED: Crosley 50, complete with label and excellent decal, no warp in lid. Ronnie Kaczmar, 5747 Williamson, Dearborn, MI 48126

FOR SALE: New radio tubes for sale, no antique numbers but lots of others. Send SASE & needs for price. Maurer TV, 29 S. 4th St., Lebanon, PA 17042

WANTED: Escutcheon and knobs for Philco 90B. M.B. Gaskins, 227 Risen Ave., Campbellsville, KY 42718

FOR SALE: PRIVATE COLLECTION - three E.H. Scott Radios (1930's), Waverly, Acousticraft, and Regent, with Garrard record changer. E.H. Scott business letters (signed), Scott News, Misc letters, E.H. Scott manuals, diagrams, brochures, Servicemens Bulletins. E.H. Scott items to be sold in one lot. Also two tube testers, microphones, Heathkit, 57 radio books dated 1932 - 1971. Eico Model 320 and HF-85, old tubes, misc. items. Send SASE for complete inventory and prices. N. Thomsen, 1327 63rd, Des Moines, IA 50311

FOR SALE: N.O.S. 5TP4 projection picture tube - \$80.00; N.O.S. Scope and Radar CRT's - send SASE. Doug Heimstead, 1349 Hillcrest Dr., Fridley, MN 55432 (612) 571-1387

FOR SALE: Novelty - tin advertising whistle, reads "Atwater Kent Radio, L.P. Charpiot Hdwe., West Unity, Ohio", \$8.50 Ppd. Gary Schneider, 9511-23 Sunrise Blvd., Cleveland, OH 44133

FOR SALE: Hallicrafter "Super Skyriders", Model 511, mint, with matching speaker - \$135 Ppd. George Friedrich, 7162 Jacqueline Lake, Custer, WI 54423

CLASSIFIED ADVERTISEMENTS

WANTED: HEATH 3 Tube resistance coupled amplifier from late 20's. Gary Schneider, 9511-23 Sunrise Blvd., Cleveland, OH 44133

FOR SALE: SAMS CB Manuals vols 1-83 - \$5.00 each Ppd. Also N.O.S. "Body-End-Dot" resistors - 3 for \$1.00 Ppd; Riders radio manuals vols 8 through 13 - \$12 each Ppd. SASE for list. Chester England, 98 Montague Ave., Zanesville, OH 43701

FOR SALE: Sparton blue glass, Mickey Mouse radio, Philco cathedrals, battery sets. Send Large SASE for list. Jerry Finamore, P.O. Box 37, Budd Lake, NJ 07828 (201) 691-3386

SELL/TRADE: Collins 75S-7 with SW xtals. M. Levy, 8 Waterloo Dr., Morris Plains, NJ 07950 (201) 285-0233

FOR SALE: Philco Predicta 21 inch tube - \$85; Radiola 103 speaker, works - \$45; Radiola III, open audio - \$45; Crosley Super Musicone, works - \$40; Beitmans 1940 & 1946 radio diagrams - \$7.50 each; New 171A's - \$2.50 each; used good 01A's - \$4.00 each; Chelsea 3 tube Transcontinental ZR-4; DeForest D-10, and etc. Send SASE for list.

WANTED: Chassis for G.M. 211B cathedral, loop antenna for DeForest D-10, Aeriola Jr., any horn speaker that uses headphones. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456 (314) 735-2945

SELLING RADIOS and other radio related items? With many ads offering items for sale, many collectors are finding they are getting SASE'd to death. A display ad will offer 100 percent readership and give your items the proper exposure to all readers. All it takes is a good typewriter (use carbon film ribbon if available) to lay out your ad to these sizes: Maximum number of characters across on a single line is 34 spaces or characters. See page 17 of the May issue of A.R.C. to see how a type-written ad looks. A five inch long ad cost only \$11.25. We will put a box outline around your ad at no charge. For ads of an odd length we will bill you. If you desire a full-page width ad, figure about a maximum of 70 characters (including spaces) across on a single line. Don't forget - when typing your ad be sure to use a fresh ribbon so that the printing is dark.

FOR SALE/TRADE: Early battery chargers, Sterling Tube tester/Rejv., Misc. - SASE for list. C.E. Clutter, 14330 NE. Fremont Ct., Portland, OR 97730 (503) 254-9296

FOR SALE: Battery sets, tubes, parts, manuals, etc. Send SASE for list. Bob Husted, 270 N.W. 3rd Court, Boca Raton, FL 33432 (305) 368-8358

CLASSIFIED ADVERTISEMENTS

WANTED: Circuit diagrams 1960's Magnatone Amps: M-450, M-460, M-480, M-20 (critical). G. Rhoads, 69 M Rockledge, Hartsdale, NY 10530 (914) 472-6839 (late)

FOR SALE: Beehive standoff insulators (white porcelain), 50 available - \$1.00 each. From the good old days, for broadband transmitter tank coils. Milt Levy, 101 East Driftwood #44, Fredericksburg, TX 78624 (512) 997-2534

FOR SALE: Early Philco intercom set (late 30's); Webcor Wire Recorders. C.E. Clutter, 14330 NE. Fremont Ct., Portland, OR 97230 (503) 254-9296

WANTED: For my Victor "Worlds Fair Radio" - photocopy of all literature relative. Otto Nill, 192 Grant Ave., Islip, NY 11751

FOR SALE: Regular WD-11 and 01A transistorized tubes - \$10.00 each plus U.P.S. Bud Bedker, 66 Cloverside Ct., West Seneca, NY 14224

TRADE: RCA CT-100 for RCA 621TS. C.E. Clutter, 14330 NE. Fremont Ct., Portland, OR 97230 (503) 254-9296

WANTED: One Detector/1st A.F. Amp for an AK Model 12 breadboard series. Don Heiman, 1061 Blvd. Ave., Harve, MT 59501 (701) 265-7469

WANTED: Meissner Traffic Master 14-tube communication receiver with band spread. Also Band Spread Communication Receiver Tuning Unit 5 Bands - Part No. 13-7617. Jacques Dubois, c/o Patrick Viotte, 387 Oakland Beach Ave., Rye, NY 10580

WANTED: Old issue "Whites Radio Log", 1930 or so. Or similar log. Will answer all letters. Gene Reynolds, W3EAN, 53 Marple Rd., Haverford, PA 19041

FOR SALE: TUBES - 50 new 6AC7 Metal - \$2.00 each; 50 - 5881/6L6G - \$3.00 each; new boxed 6J7 - \$2.00 each. Inquire on others. Milt Levy, 101 East Driftwood #44, Fredericksburg, TX 78624 (512) 997-2534

FOR TRADE: 1921 DeForest "Radiocraft" MR6 receiver in excellent original condition. Michael Payne, RT 5 - Box 796, Alvin, TX 77511

FOR SALE: Send for five page revised list of Antique radios. Enclose a large SASE with two stamps. Donald Juleen, 6252 Ledge Rd., Sturgeon Bay, WI 54235 (Phone 743-7922)

FOR SALE: Quackery - removes warts, moles, hair. Also battery sets - SASE. **WANTED:** Need loop antenna for RCA Model 25. Russ Schoen, R#1, Clintonville, WI 54929

WANTED: Chassis for AK Model 84, have radios to trade. Bob Hay, 5225 SE. Brookside Dr., Milwaukie, OR 97222

CLASSIFIED ADVERTISEMENTS

FOR SALE: Antique braided Voice Coil Lead Wire (No. 20 green cotton insulated) and Phosphor Bronze Dial Cable (0.040"). Either \$3.95 per 20 feet. Crystal headphones with cushions, impedance 85,000 ohms, new condition - \$12.00 Ppd. W4JGO, P.O. Box 26, Salem, VA 24153

WANTED: Riders 19 to 23; large knob for variac to fit on a 3/4 inch shaft; Edison roll player with outside horn. Leonard Arzoomanian, 12 DiFillippo Ct., North Providence, RI 02904

WANTED: Crosley chassis and speaker for Model 124-M or 124-H. H.R. Harder, Box 95, W. Brookfield, MA 01585

FOR SALE: Volume Controls (Pots) - \$4.00 a dozen; W.W. resistors; R.F.-I.F.-OSC. coils; Transformers - tube tester, output; Condensers - paper, small electrolytics - low voltage; ceramic stamp condensers. SASE to T. Wojciechowski, 97-30 92nd St., Ozone Park, NY 11416



Do it today! - All renewals due by July 26th.



WANTED: Sodian S-13 tube with good filament. Jim Collings, 12005 Victoria Pl., Oklahoma City, OK 73120

WANTED: Clough-Brengle 411 A.F. Oscillator; General Radio 578-A transformer. J. Dunlap, 325 N. Ridgeland, Oak Park, IL 60302

WANTED: Power Supply for U.S. Radio & TV. Model 80 (Radiotrope - Neutrodyne). Rick Peterson, 3940 Lolan Ct., Marrero, LA 70072 (504) 340-2398

FOR SALE: Open an old time radio store! - 175 new parts in original factory boxes, 1922 - 1927. SASE to: F.A. Paul, 1545 Raymond, Glendale, CA 91201

WANTED: Buying Zenith Trans-Oceanic's, parts; Philco 38-116 chassis. **FOR SALE:** 38-116 Philco cabinet, Hallicrafters and more to trade. Charles Vesser, 1929 Plumbranch Ln., Knoxville, TN 37932 (615) 690-9217

WANTED: HRO-60, SX28A, NC-500, KW-1. Dave Wilke, W3LSG, 167 Kirch, York, PA 17402 (717) 846-2800 day, 741-3953 nite.

WANTED: Any literature, instructions, blueprints, etc. on Victoreen 8-tube battery superhets, photo copies ok. Tod Prowell, 1073-15 Lancaster Blvd., Mechanicsburg, PA 17055 (717) 697-5227

FOR SALE: Hallicrafters S-85 receiver, good condition - \$40.00 UPS paid. Dial scale for Zenith - Part No. 26-287, BC & SW bands, good condition - \$7.00 Ppd. Ed Turner, 3536 Arden Blvd., Youngstown, OH 44511

CLASSIFIED ADVERTISEMENTS

WANTED: Scott radios: in open top (Napier) console; pre-chrome sets; communications receiver; original literature. Steve Chapman, 419 Bird Lane, Waxahachie, TX 75165 (214) 937-2726

FOR SALE/TRADE: Novelty radios (all transistor) - RAMS football helmet - \$25; Mississippi Fire Pumper - \$40; "Tape Deck" Radio, M.I.B. - \$20; Atlas Battery - \$15. All plus postage. R.F. Breed, 5110 Los Altos Ct., San Diego, CA 92109 (619) 274-0712

WANTED: Early Pepsi Cola radios and any Pepsi memorabilia. Marvin Hess, 204 Queens Way Rd., Elma, NY 14059

WANTED: R-73 RCA cabinet dial escutcheon; Crosley Type 5 audio; Philco 84B speaker; oldie tube chart Hickok 800 tube tester; small wood cabinet knob for Kennedy XI; Majestic 15 or 20 chassis; AK breadboard parts. Bob Nicholson, 3423 Long, Topeka, KS 66605

FOR SALE: 2 inch Philco Jr. 7019 Scope with manual & probe. Functions, but needs some work - \$20.00 plus UPS 8 lbs. Arthur Johnson, 3203 Reynard Way, San Diego, CA 92103

FOR SALE: Scott Philharmonic housed in Scott Rivina Grand Console. Includes original Presto Record Cutter, original Garrard Phonograph, original Scott Remote Control, and original keys to lock all four doors. Set is complete. Trade or best offer. I will deliver to Elgin "Radiofest" in August. Dennis Yanko, 410 N. Summit Ave., Oconomowoc, WI 53066 (414) 965-3641 after 5:00 PM CST.

FOR SALE: Send SASE for STAN'S STUFF. Radios, literature, tubes, parts, free advise. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520

FOR SALE: Have over 600 different types, some as low as 40 cents each - capacitors, speakers, ect., all sold with money back guarantee, send SASE for list. C. Elmer Nelson, 11 S. Church St., Princeton, IL 61356

SALES PARTS TRADES

OLDE TYME RADIO COMPANY

2445 Lyttonville Road
Silver Spring, Md 20910

Restoration
and Service
Since 1940

Howard W. Graeff
Electronic Engineer
and Progressor

Telephone
911 581 8776
1623046 9 R

CLASSIFIED ADVERTISEMENTS

WANTED: Scott Philharmonic Radio Model XXX in good condition. Paul Capito, 637 West 21st St., Erie, PA 16502

HELP! I need a vibrator for a 32 volt Philco Model 32 cathedral radio. Philco's P/N's 38-5639 or 38-5640, Mallory P/N F502P. Frank Heathcote, 1235 N. 3rd St., Logansport, IN 46947 (219) 722-3612

WANTED: Need plastic dial for Radiola 33; Freshman Masterpiece cabinet; Philco 70 and 90 cabinets. John Richardt, 94 Bald Eagle, Hacketts-town, NJ 07840 (201) 852-3475

FOR SALE: "Modern Radio Reception" by C.R. Leutz, 1925, VG - \$40; "Electrical Engineering" by C.P. Steinmetz, 1915 - \$15. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510 (516) 223-9667

CLASSIFIED ADVERTISEMENTS

WANTED: Heathkit Crystal Radio. Mike Koval, 1012 Grand Ave., Cincinnati, OH 45204

WANTED: Hallicrafters Model SX16, SX17, SX18, SX24, SX32, SX28, SX29, S27, and 5-10. Brian Rhodes, 90 Frances Ave., Stanhope, NJ 07874

FOR SALE: Unused and used tubes, capacitors, speakers, etc. Send for list. C. Elmer Nelson, 11 S. Church St., Princeton, IL 61356

WANTED: Radio related literature, radio board games, banks, novelties, catalogs, books, 1900 - 1930's. Jerry Simkin, 10 Avalon Lane, Matawan, NJ 07747

WANTED: Dial plate, dial knob and large tube shield for a Philco cathedral 90B. Charles Newman, P.O. Box 653, N. Bellmore, NY 11710



ANNOUNCING



NATIONAL BUYER'S SERVICE

Are there antique radios, speakers and/or TV's that you are seriously looking for? This service is aimed at fulfilling these needs/wants. Here are the details:

Register with me each radio, speaker and TV that you are looking for. Indicate the price range and condition of each item sought.

NO obligation by registering.

No fees at any time.

All items returnable within 14 days for any reason.

(You only pay the shipping/packing.)

NATIONAL SELLER'S SERVICE

Do you have antique radios, speakers and/or TV's to sell? Send me your lists of these items for sale and I will review them for any items in the price range and condition that any of my buyers are looking for. Here are the details:

NO fees at any time.

NO obligation.

You MUST be willing to ship or deliver the item(s) to me.

You MUST accept the 14 day return policy.

Send SASE for buyer's registration form(s) or call me with questions.

CONTACT:

Jim Clark, 1006 Pendleton Drive, Lansing, Michigan 48917 (517-323-9595)

CLASSIFIED ADVERTISEMENTS

FOR SALE: Clapp-Eastham 1-tube HR, nice mahogany - \$199.50; Thermodyne 6 tube, no cabinet/tubes - \$49.50; Hallicrafters cap/resis meter, with manual - \$49.50; Eddystone UHF 770U receiver, 150 - 500 Mcs, a beauty - \$94.50; Fisher 400, 18 tube FM receiver, needs 4 tubes, unchecked - \$39.50; bright blue Bulova Model 100 clock/radio, mint - \$34.50; Philco V-O-M, looks 1932-35 - \$22.50. 5 page list 50 cents and SASE. Chet Wisner, 1014 Main St., Dalton, MA 01226

WANTED: Field Coil for Majestic G-7 speaker. Input transformer for Majestic Model 20. tom Carroll, RD#1, Cherry Creek, NY 14723

WANTED: Manual for Supreme 502 tube Tester and 385 Analyzer, photo copy ok. Paul Bourbin, 25 Greenview, San Francisco, CA 94131

Please respond to the "WANTED" ads. Someday you may have need for a particular item and likewise would like a response to YOUR ad (GBS)

FOR SALE: Sears Silvertone 5-tube neodyne manufactured by King-Hinners Radio Co., Buffalo, NY. Audios OK, set works - \$65 plus UPS shipping. Tod Prowell, 1073-15 Lancaster Blvd., Mechanicsburg, PA 17055 (717) 697-5227

WANTED: FADA Crystal Detector and 50 feet of Litz wire. Mike Koval, 1012 Grand Ave., Cincinnati, OH 45204

WANTED: Pre WWII Televisions, have items to trade or will buy outright. Jim Clark, 1006 Pendleton, Lansing, MI 48917 (517) 323-9595

FOR SALE: Early Scott Allwave 12 Deluxe, in Scott "Plymouth" cabinet - \$450; Midwest 18 tube set in large Art Deco cabinet - \$250; Stromberg Carlson "Te-Lek-Tor-Et", small Art Deco console with chairside remote control - \$250; small Victor pressed wood console, perfect and very rare - \$225. All above complete, working, and in very good to excellent condition. Grebe MU-1, unrestored, like new condition, complete, working, best I've seen - \$250. Also, two Philco Predicta's available - pedestal floor model - \$300, rare remote control set - \$550 (or both for \$700). Working condition unknown on TV's. All prices firm, FOB Annapolis or reasonable driving distance. Martin Needleman, 1618 Winchester Rd., Annapolis, MD 21401 (301) 757-4627. Evenings and weekends before 11:00 Eastern time.

WANTED: Restoring DeForest Interpanel, page 83 "Vintage Radio". Need wiring diagram or schematic. Can anyone help? R. Burick, 6 Whetstone Dr. #5, Gaithersburg, MD 20877 (301) 927-6745

WANTED: The small plastic (?) clamp that holds the top of the dial glass on a Majestic Model 7K60. Kurt Skotzke, 5810 Artesian Dr., Pontiac, MI 48054

CLASSIFIED ADVERTISEMENTS

WANTED: Brunswick 11-A (D chassis); Stromberg Carlson 350-S AM-FM. State condition and price. John Gough, 2109 James Dr., Marrero, LA 70072

WANTED: Workrite radios and literature (made in Cleveland, Ohio), also other items from Cleveland wanted. Novelties wanted including radio board games from 1920's. Gary Schneider, 9511-23 Sunrise Blvd., Cleveland, OH 44133

FOR SALE: Panel Meters, all mfg's, sizes. No list, send wants. Leonard Cartwright, 113 Sea Terrace Way, Aptos, CA 95003

WANTED: Philco 20 table model cabinet with escutcheon. Henry Brown, 2 Central Ave., Morris Plains, NJ 07950

WANTED: Double Button Carbon Mike (Western Electric or equivalent) with ring mount and stand. Ralph Michelson, 19150 Portos Dr., Saratoga, CA 95070

WANTED: Charlie McCarthy radio in excellent condition. Jim Montgomery, 8360 Azita Court, Garden Grove, CA 92644

WANTED: AM Loopsticks (adjustable). **FOR SALE:** Magazines (ie: Popular Electronics, Radio-TV Experimenter, Old Timers Bulletin, etc). SASE for list. David Minchella, 80 Campfire Rd., Henrietta, NY 14467

WANTED: Good cabinet for RCA 621TS TV (7" 1946 model). Allen Jochem, 2205 Broadway, Quincy, IL 62301

FOR SALE: National SW3 receiver - \$125; two National HRO's WWII vintage with 6 volt tubes, in good condition - \$100 each; one HRO power supply - \$20; twelve plug-in coils - \$5 each. Rhyne Killian, 129 Mill Rd., Chelmsford, MA 01824 (617) 256-0853

WANTED: Dial for Hallicrafters 8R-40. **FOR SALE:** New 0Z4A, 1A6, 1B7, 6P5, VT224 tubes - 50 cents each plus UPS. New Sprague Orange Drops 600V capacitors; Dummy Load Wattmeter Model DA/43U. Six page list of useful and useless items available from: Sue Coulter, Box 11-A, 1000 West Columbus, Bakersfield, CA 93301

FIRESIDE WIRELESS has acquired a private collection including a Scott Philharmonic with literature, a Scott All-Wave 12, many cathedrals, early AC and battery sets, hundreds of tubes, magazines (including Radio Craft and Radio News), pamphlets, literature, merchandising catalogs, Rider Manuals, advertising, early parts, test equipment, speakers and horns. Send a two-stamp long SASE for multi-page list to: Gary Hill, 1507 Ridge Ave., New Castle, PA 16101 (412) 654-9335

CLASSIFIED ADVERTISEMENTS

FOR SALE: I am selling a huge hoard of tubes at 50 percent off of the prices charged by most antique electronic suppliers. Please call or write for a quote on almost any antique or modern electron tube. No collector tubes are included in this offer. Deeper discounts are available for quantities of 50 or more. All tubes N.I.B. and name brands. This months special: Ken-Rad 6AK5 or 12Q7 - \$1.00 each, all plus UPS. Craig M. Smith, 1935 1st Ave. S., St. Petersburg, FL 33712 (813) 822-7592 days.

WANTED: RADAR equipment and manuals wanted from SCR-268 up. Don Helgeson, Box 3087, Skokie, IL 60076 (312) 676-4629

FOR SALE: General Radio Wavemeter Type 566-A, missing plug-in coils - \$25 UPS paid. **WANTED:** QST's pre-1935, reasonable prices. Want to read them, not invest in them. Frank White, Box 2012, Olathe, KS 66061

WANTED: E.H. Scott Philharmonic radio. Curtis Foester, RT 1 - Box 166, Port Lavaca, TX 77979. Phone collect (512) 552-2877

FOR SALE: Minerva, Freed Eisemann NR5 & FE15, Stewart Warner 300, Steinite 125929, Westinghouse WR10, AK-20, RCA 67, boxes of tubes, speakers, Philco Jr., other radios - Make offer. Jerry Propst, P.O. Box 45, Janesville, WI 53547 (608) 752-2816

WANTED: Zenith 1938 tombstone table radios, models 7S232, 9S232, 12S232. Any condition as long as cabinet is fair. Call Gene 805-494-0581. I will accept collect calls if the name "Bob Zenith" is used.

FOR SALE: Radiola 30A Superhet - \$75 or best offer. **WANTED:** Old, unusual tubes (colored glass, Brighton, Sodian, etc.), call or write: R. Dobush, 3554 W. 105th St., Cleveland, OH 44111 (216) 228-4953

WANTED: 37-690 Philco console, working or not (or 37-670). G. Settles, 158 Alpine Terr., San Francisco, CA 94117

FOR SALE: Novelty radios: 1977 Cookie Time Sesame Street clock radio, wind-up clock runs, 10" x 3", with stove and Muppet, ex-fine, doesn't play, model 4801 - \$35. 1973 Steelers Helmet radio, ex-fine, plays - \$35. Football Helment radio, orange with white & two black stripes, fine, plays - \$25. Too-A-Loop Panasonic Model R-72, white or red, play - \$15 each. Edison Mabry, 715 W. Longview Ave., Mansfield, OH 44906 (419) 526-1175

DISPLAY ADVERTISERS: Please note new rates for display ads on inside cover of this issue. Classified ads are still free upto 20 words per issue. Each word over the free 20 word limit is 10 cents each.

CLASSIFIED ADVERTISEMENTS

FOR SALE: Government surplus tower, TA33 Ant., complete system, you dismantle - \$940. Henry 3K linear - \$1000. No shipping. J. Wasiewicz (914) 769-9331

FOR TRADE: Will trade National SW3 80 Meter bandsread coils for 40 meter bandsread coils. David Swanson, 127 Hollister Ave., Rockford, IL 61108 (815) 397-4184

FOR SALE: Atwater Kent 1926 - 1927 service manual. Contains information on models 10, 10B, 12, 19, 20, 21, 30, 32, 33, 35, 50, and power unit model "R". Theory, schematics, possible troubles, testing, use of "power" tubes and special detector tubes. Some continuity test charts and lots of valuable information; even if it doesn't cover your particular model set. Forty-one (41) pages. **ALSO INCLUDED** is about 15-plus pages of information on some radio clubs, possible parts sources, radio servicing by others, swap papers, publications on A.K. and other radios available from others, etc. Send \$12.00 (one-half pound package - I pay postage), shipped by First Class return mail. Gerald Koske, 10204 Thayer Road, Wonder Lake, IL 60097

WANTED: Wells Gardner model 6F console. **FOR SALE:** Rider's Volume 1 - \$40 plus UPS. T. Wickstrom, 1664 E. Shore Dr., St. Paul, MN 55106

FOR SALE: Three plastic catalin sets and one S-W blue mirrored chairside - \$800 for all. Riders manuals 6 through 16 - \$8 each. Bill - (216) 871-4547 Ohio

WANTED: RCA Service Manuals (red books) Volume 1 (1923-28) and volume 2 (1929-30). Also Hickok 288X Signal Generator and other Hickok equipment. Luther Holt, Main St., New Boston, PA 17948

FOR SALE: Old radio and Television tubes. Send want list and SASE for quote. Glen Blizzard, 614 Hollywood Ave., Suffolk, VA 23434

WANTED: Powell radios in any condition. Also Powell literature or ads. Bill Hossfield, 50 Oakwood Dr., Ringwood, NJ 07456 (201) 839-9053

FOR SALE: If the mirror on your BLUE or PEACH MIRRORED RADIO is chipped or cracked, have I got good news for you! I have several sheets of blue mirror and peach mirror for sale. Blue mirror (41 1/2" x 22 1/4") is \$200 per sheet and the peach (36 3/4" x 24") is \$300 per sheet. Packing and shipping extra! If interested call Larry at (312) 432-8321 Illinois

FOR SALE: Simpson Signal Generator; Simpson giant set tester. Also service manuals, magazines, N.R.I. home study and National Radio News - 25 cents for list. Glen Lee, RR#2, Mt. Brydges, Ontario, Canada N0L-1W0 (519) 264-9115

CLASSIFIED ADVERTISEMENTS

FOR SALE: AK breadboard 4205 (same as 4066 & w/tag) - \$500; 3 tube TA unit (w/o audios) - \$80; original RORK (untested) - \$225. Jerald A. Huber, 1002 Cedar St., Bonham, TX 75418 (214) 583-7261

WANTED: Crosley Pup; Lambert Long Distance Crystal Set, and AK breadboard. Julian Young, 11 Willow Court, Totowa, NJ 07512

WANTED: Grandfather clock radio - AK or Philco, etc. Gordon Wilson, 11108 - 50 Avenue, Edmonton, Alberta, Canada T6H-0H9

WANTED: Xerox of article on "Cryo-dyne", oscillating silicon detector, circa 1929-30 in *Short-wave Craft*, *Radio Craft*, *Radio News* (?) magazine. S.A. Sullivan, 20565 Fifth St. East, Sonoma, CA 95476

FOR SALE OR TRADE: Wolper "RF-5" five tube battery set (01A). Very well made with built-in wooden horn and ornate grill. Write for photo and more info. Cannot ship UPS. Philco #39-70 battery operated cathedral, excellent condition - \$35. Thomas E. Fuller, 96 Cocasset St., Foxboro, MA 02035 (617) 543-3486

WANTED: Hallicrafters Sky-Buddy receiver in mint condition. W. Richardson, 3333 Harness Creek Rd., Annapolis, MD 21403

WANTED: Still looking for a Scott Philharmonic Model XXX. Paul Capito, 637 West 21st St., Erie, PA 16502

FOR SALE: Crosley XJ receiver, good tubes, very clean - \$100; Majestic bakelite, metal finish, model 5B01A - \$15; Mercury Model 101 tube tester with charts & schematic - \$12; Hallicrafters S38C - \$25; S25 with speaker - \$95. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506

RADIO CLUB: The newly-formed Pittsburgh Antique Radio Society is now meeting regularly. For details contact David Kraeuter, PARS Secretary, 506 E. Wheeling St., Washington, PA 15301 (412) 222-6678

FOR SALE: Fifty of the 6SQ7 boxed new - \$2.00 each, fifty 6SG7 - \$2.00 each; new boxed 6L6 - \$3.00 each; 6V6GT at \$2.00 each; 6F6 at \$2.00 each. Inquire on others. Milt Levy, 101 East Driftwood #44, Fredricksburg, TX 78624 (512) 997-2534

WANTED: Volume control knob for a Hallicrafters SX99U. Kurt Skotzke, 5810 Artesian Dr., Pontiac, MI 48054

FOR SALE: Old Juke Boxes & Phonographs, thousands of old 78's and 45's, schematic diagrams from Sams. Send SASE to Neil O'Donnell, 1809 Sampson St., Butte, MT 59701

WANTED: A.C. Gilbert crystal receiver. Robert Stapleford, 1800 Randolph, Topeka, KS 66604

CLASSIFIED ADVERTISEMENTS

WANTED: For Majestic Model 80 - large wooden tuning knob; dial glass with good silkscreen (or can anybody reprint my original?); the deep purple opaque plastic screen that mounts behind the dial glass. Kurt Skotzke, 5810 Artesian Dr., Pontiac, MI 48054

FOR SALE: Vintage parts, tubes and radios from 1920's to 1940's. For free flyer send SASE to: Olde Tyme Radio Co., 2445 Lyttonville Rd., Silver Spring, MD 20910

PLEASE NOTE: Classified ads for the September issue must be received by August 6th as I will be attending the A.R.C.I. Radlofest '86 convention in Elgin, Illinois. (Ads for the August issue should be received at least by July 7 or 8th.) (GBS)

WANTED: \$15.00 reward for the apprehension and arrest of each of the following audios so that they may be found guilty of vagrancy and sentenced to hard labor in one of my battery sets. Of course both windings must be good! Need Amertran AF-6 and AF-7, Freed Eisemann, and FADA. **FOR SALE OR SWAP:** Majestic 70-B chassis and 90-B power pack - \$30 each or 2 for \$50 (plus shipping, regardless). Harvey Faulkner Jr., 89-5C Pike Creek Rd., Newark, DE 19711 (302) 368-7497, have answering machine.

RADIO MEET: Michigan Antique Radio Club "Summer Extravaganza" this July 25 & 26th. See page 3 for details. Everyone welcomed!

WANTED: Chassis or radio - 1927 Stewart Warner Model 500, 520, or 525 battery set, cash or trade. Michael Payne, Rt 5 - Box 796, Alvin, TX 77511

WANTED: Set of three knobs for 1935 RCA Victor Model R-28 (F.O.S. pg 150); 9" electromagnetic speaker with attached push-pull transformer for 1929 General Motors Model 140A console; Interstage audio transformer with turn ratio of 3.5:1 for 1925 Stewart Warner Model 300. Kurt Nauck, Memory Machines, 1726 W. Alabama, Houston, TX 77098 (713) 522-5399

WHAT HATE GOD WROUGHT ? 703 971-4095

REINKE & SONS

Telegraph Items Bought & Sold
Roger W. Reinke, Prop.

5301 Neville Court, Alexandria, Virginia 22310

CLASSIFIED ADVERTISEMENTS

WANTED: "Saga of the Vacuum Tube", also transmitting tube catalogs with photos - Sylvania, Taylor, Ratheon, Etc., condition not important. William Thompson, 1095 N.W. 147 St., Miami, FL 33168 (305) 685-1993

WANTED: Nov. & Dec. 1923 issues "Popular Radio" magazine; Crosley Model X parts - ie., spider web coil, pot with knob, audio transformer. Also AK breadboard parts for Model 9; Philco 90 cabinet or set. **FOR SALE:** Kennedy XV. Frank L. Brewster, Box 615, Baxter Springs, KS 66713

WANTED: Sparton mirrored radio. Curtis M. Foester, Rt. 1 - Box 166, Port Lavaca, TX 77979. Call collect (512) 552-2877

FOR SALE: Grundig-Majestic AM-FM-SW Phono model K2STUS console in excellent condition, works, needs alignment - best offer. Leo Weiner, 1202 Gulf Oaks Dr., Tarpon Springs, FL 33589

WANTED: Riders Vols. 17, 18, 19, 21, 22, & 23. Also counter display literature or wall posters of various radios. Don Nordboe, 3220 W. Broadway, Council Bluffs, IA 51501 (712) 322-2255

FOR SALE: Crosley "Fiver", 11" x 12 1/2", round dial tombstone, plays - \$60; AK Model 735 round top, round dial, 12 1/2" x 19", fine, plays, three new tubes, all good, dial band off - \$175 (shipped Greyhound); Ware Type "T", 13" x 13 1/2" x 6" x 11", slant front, three 19R tubes (open), very fine - \$150; Zenith Model 4R, 3-tube, fine, no tubes - \$250; Zenith Trans-Oceanic Model 8G00YT, fine, plays good - \$100; Zenith Model H500, ex-fine, with books, map, plays good - \$100; Zenith radio record player, 19" x 16" x 9", brown bakelite, radios plays, record player needs needle, ex-fine - \$60 (shipped Greyhound); "B" battery eliminator, old, unchecked - \$25. Edison Mabry, 715 W. Longview Ave., Mansfield, OH 44906 (419) 526-1175

WANTED: Allied Radio Catalogs 1946 thru 1951. Small 45 RPM record changers made in the early 1950's, these had no amplifier and were made to play through the audio section of a TV or other amp. Old or unusual floor or table lamps - "Sene in Action" lamps with rotating cylinder around light bulb. Record cutting machines for 45 RPM and 78 RPM. Also source for blank recording discs. Robert Carlson, 815 3rd Avenue, International Falls, MN 56649 (218) 283-2543

FOR SALE: New dial scales for Radiola 16, 17, 18, 41, & 60; Sparton AC-62, AC-7 - \$750 Ppd. New battery eliminators, info - SASE required. Clinton Blais, 613 Juniper Dr., O'Fallon, IL 62269

WANTED: EARPHONES: Kilbourne & Clark, Mackay Radio, Dymac, Red Seal, Superette, Philmore, Radio Marine, Zenith, Seimens & Halske, Horenz, Mescro; Rheme. Howard Rainey, Rt 4 - Box 106, Wichita Falls, TX 76301

CLASSIFIED ADVERTISEMENTS

FOR SALE: TUBES, all new in box: 47 - \$65.0 ea. or 3/\$18 Ppd; 25/BH globe gas rectifier - \$6.50 Ppd; 841/VT51 globe - \$12 Ppd; C-300 (not in box) brass & tip - \$10 Ppd; Arcturus 6P7 - \$5 Ppd. **PARTS:** RCA theater spkr 15" - \$65 plus 40 lbs UPS; five 12" P.M. spkrs - \$10 plus 20 lbs UPS; synchronous vibrators - \$7.50 Ppd or 3/\$20; 3 and 4 prong 12 volt vibrators - \$5 or 5/\$20; UTC xfmr for audio amp using 45/2A3 - power xfm, 12 Henry choke and 20 watt output - set for \$35 plus 50 lbs UPS; SAMS KCP 1+2 for 1951-53 TV's - \$1.00 to \$2.50 each. **RADIOS:** 12 radios and amps from \$5 to \$30, plus consoles. List of parts and radios for business size SASE. Ned Carlson, P.O. Box 711, Normal, IL 61761. New Phone - (309) 454-5460

WANTED: Acme table model AC7. State price, condition. Mel George, Box 24934, San Jose, CA 95154

FOR SALE: National FB-7, mint - \$150; National FB-7, original condition - \$110; FB-7 power supply - \$45; FB-7 coil sets - \$25 each as available. Also 1922-1955 QST's - inquire. Bill Wakefield, 1753 Kimberly Dr., Sunnyvale, CA 94087 (408) 746-0873

WANTED: Radiola 18 dial bezel; Radiola Jr. cover instruction sheet, Freshman Masterpiece cabinet, Philco 90 cabinet. John Richardt, 94 Bald Eagle, Hackettstown, NJ 07840 (201) 852-3475

FOR SALE: Crosley Pup - partial trade for unusual radio novelties such as cast iron radio banks, radio board games, advertising items, radio company display merchandising items, other novelty items. Gary Schneider, 9511-23 Sunrise Blvd., Cleveland, OH 44133 (216) 582-3094

WANTED: Vertical or double lever bugs by odd-ball manufacturers. Also camelback keys, etc. Gil Schlehman, 335 Indianapolis, Downers Grove, IL 60515

WANTED: Precise Measurements Co. Model 400-A (B or C) kilovolt meter. Browning Model S-6 frequency meter. TCBA, RD3 - Box 181, Glen Falls, NY 12801

FOR SALE: AK-20 - \$70; Crosley Tridyne - \$75. Send SASE for list. David McKenzie, 516 South Exeter, Eustis, FL 32726

READERS COMMENTS...

Dear Gary, I placed an ad in the May issue of ARC, and it appeared on page 18, second ad from bottom right side of the page. It sure got results. I had an answer today and have not only found the part needed but other parts as well. Keep up the good work and sure hope that you can keep the ARC going. Will help you any way that I can - Best 73's, Paul

6/29
8/12
4/7-48

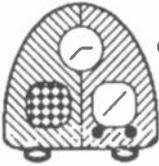


DISPLAY ADVERTISEMENTS



WANTED

**** RADIOS WANTED ****



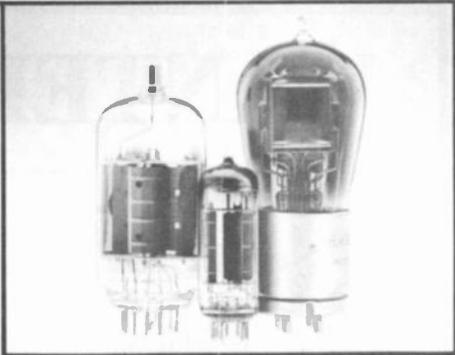
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(WOOD CABINET - LOOP ANTENNA
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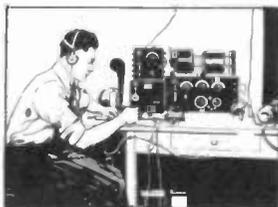
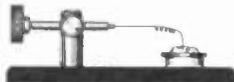
R-388

51S-1

The Hollow State Newsletter is devoted to tube type electronics equipment, such as Collins and Hammarlund receivers, and has been published four times a year since 1983. Subscriptions are \$4 for one year (4 issues), and back issues are \$1 each. Back issues numbers 5 - 14 are available, and selected reprints from issues 1 - 4 will be available soon in a single reprint issue. Each newsletter is about 6 pages of subscriber contributed information and articles. To subscribe, send check or money order payable to: Chris Hansen, P. O. Box 1226, New York, NY 10159.

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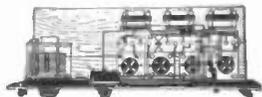
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4. Radiola II 225.00
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8. Crosley Ace, wooden cond., etc. 125.00



DISPLAY ADVERTISEMENTS

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6Y250/250/350/450... \$30	56/256..... \$5	80/280/380/480... \$9
6Y585..... \$25	843..... \$7	10/210/310/410... \$11
6YV201, TOP TIP... \$12	6YV202, TOP TIP... \$20	UX 215/216B..... \$7

* **TRANSMITTING TUBES**

211/VT40..... \$12	845/VI43..... \$22
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* **WESTERN ELECTRIC TUBES**

VT 1..... \$16	VT2/205 B..... \$30
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242A/B/G..... \$22	244A..... \$6
252A..... \$100	262A..... \$12
271A..... \$20	274A/B..... \$30
276A..... \$22	284D..... \$60
300B..... \$70	301A..... \$10
339A..... \$12	345A..... \$8
348A..... \$8	349A..... \$6
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NOTE: ALL ABOVE PRICES ARE FOR "NEW, IN ORIGINAL BOX" TUBES, AS FOR "USED" TUBES, ASK DETAILS.

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PLEASE QUOTE FOR THEM, AND ASK DETAILS.

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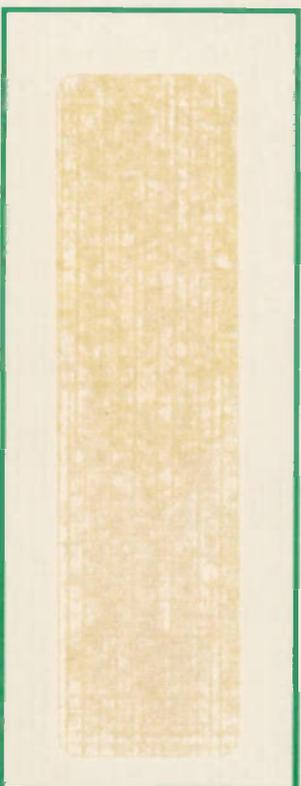
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