

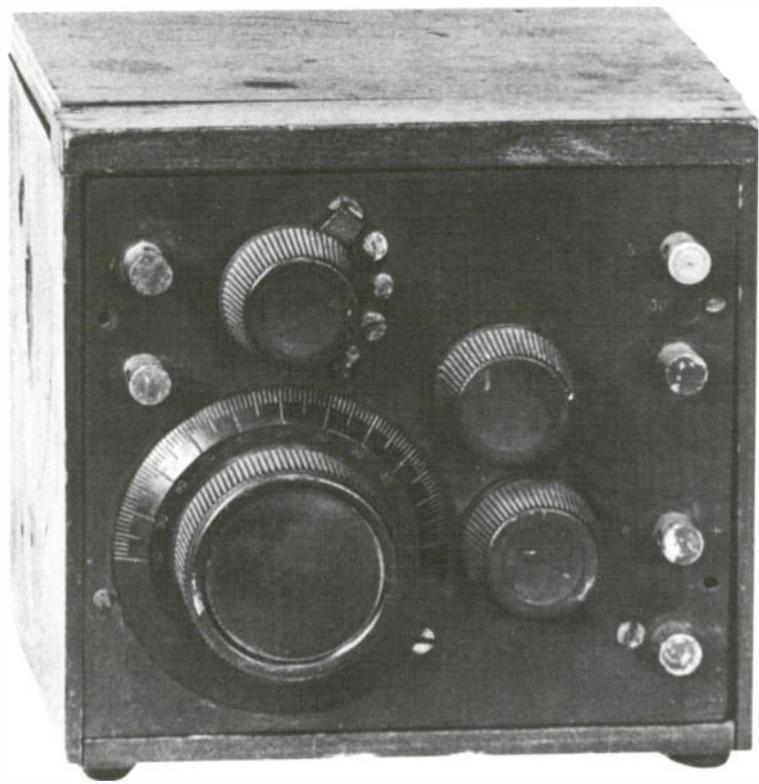


ANTIQUE RADIO CLASSIFIED

VOLUME 5

MAY 1988

NUMBER 5



**THE SEARS ROEBUCK SR-2
by Crosley**

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

ANTIQUE RADIO CLASSIFIED

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

Writing to Antique Radio Classified. All correspondence should be sent to:

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

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

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

Display and Business Card Ads - Details and Rates

The deadline for display and business card ad artwork, payment and repeat requests is the first of the month. Late ads will be run only if space and time permits. As artwork is reduced to 63% in the printing process, originals should be the artwork size listed below. Ads should be typeset or typed neatly with a carbon ribbon. If you want us to prepare your ad, include the optional cost for layout listed below. Please read payment terms above. No "tear sheets" sent.

Page	Artwork		As Printed		Cost		Optional Cost for Layout
	H x W (inches)		H x W (inches)		1-month	3-months	
Full	10 1/2 x 7 1/2		6 5/8 x 4 3/4		\$45.00	\$121.50	\$20.00
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1/2 V	10 1/2 x 3 9/16		6 5/8 x 2 1/4		22.50	60.75	10.00
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Guarantee. You may cancel your subscription at any time and receive a pro-rated refund of that part of your subscription not yet mailed. If errors to ads are made by A.R.C., the ad will be run in the next available issue, free, upon request.

Payment. Please send in full payment with your order or ad. A.R.C. does not carry accounts; all subscriptions, ads, etc. must be prepaid. Pay in U.S. funds; checks drawn on a U.S. bank or money orders are preferred. Make check out to "A.R.C." U.S. stamps or cash are OK for small amounts. Canadian payers may send a Canadian check in U.S. funds, but must add \$1.00 (U.S.) for conversion costs. On request, subscriptions will be prorated to amount sent, minimum term is one year.

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

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

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

Ethics. No person involved in the production of A.R.C. is to act on any information in the magazine until they receive their copy through the mail.

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



EDITOR'S COMMENTS

I continue to sound like a broken record mentioning the larger issues of A.R.C. each month, but after pulling together all the articles, classifieds, display ads, notices for coming meets, etc., the result is a 60-page issue, the largest yet! With its 3000+ circulation, A.R.C. has become THE required avenue for announcing and advertising antique radio events, auctions, products, etc.

Featured this month is a dual *Crosley Review*. Richard Arnold describes the Model 50 and its companion amplifier the Model 50A while David Crocker covers a version of the pair which was marketed in a single cabinet.

With this larger issue, we can publish more articles than usual. In *Vintage Television*, Peter Yanczer writes about the picture quality available from his modern implementation of early mechanically scanning television. "The Philco Model 444 'People's Set'" by Frank Heathcote and Ray Chase's reports on two auctions are found in these pages. Also included is John Nagle's "Fire It Up, But Don't Blow It Up!" — a description of a technique to warm-up early AC radio transformers slowly so they can be fired up but not blown up.

In the center of the issue, you may pull out the next segment of *The Index* along with the subscription coupon and club meet forms. Part III of Andrew Mooradian's *Olde Tyme Radio Services Directory* is included as well as a few letters continuing the SASE controversy. George Fathauer's listing of the top-ten *Radio-Book Bestsellers* continues to call our attention to new titles as more books appear for the collector. *Photo Review* will resume next month.

Your word-of-mouth recommendations of A.R.C. continue to bring about new subscribers. I hope that you will keep helping A.R.C. grow by introducing fellow collectors to the magazine. Write a few names on the form in the center pages, mail it, and we will send them free samples.

ON THE COVER

The small set on the cover this month appears at first glance to be home brew. The set is a Crosley Model 50 but sold under the Sears Roebuck name. The "Sears" Model 50, called the Model SR-2, is squeezed into a slightly smaller box, with no mention of Crosley on the panel but with a Sears paper tag on the bottom.

Collectors often pass up seemingly home brew sets. However, with the popularity of the early Crosley sets, collectors frequently notice these sets because in many cases they are Crosley sets without panel markings. David Crocker, the chief contributor to A.R.C.'s *Crosley Review*, receives a third of his Crosley-related mail from people who

As mentioned last month, because of the postal rate hike, subscription rates will be going up. However, renewals will continue to be accepted at the old rates until June 10, so renew or extend your subscription now. Details are stated on the coupon opposite page 30 in this issue.

We have been able to keep the subscription rate increases down to the minimum. The basic Second Class rates are up only \$1.00, which is less than the \$1.50 predicted last month. With First Class issues now costing 65¢ to 85¢ to mail, First Class rates must go up \$4.00, making them \$9.00 (75¢/issue) over the Second Class rates. A free 20-word classified ad is still available to all subscribers, and the cost for additional words remains at 10¢ each.

With circulation going up, display advertising rates will also go up to reflect the additional cost of reaching more than double the collectors since the rates were set about two years ago. The new rates will be announced in the next issue. You may notice that the business card page has been improved so that a full card can now be included; previously the top and bottom had to be trimmed to a height of 1 5/8".

The summer schedule of meets approaches with multi-day meets planned in Charlestown, W. Va., Elgin, Ill., Lansing, Mich., Bloomington, Mn., and Atlanta, Ga. A.R.C. will repeat its "Meet the A.R.C. Authors" session at the June ARCA 1988 Convention in Charlestown, W. Va., so circle that one to meet the writers you know well from these pages.

I will be at several of these meets; I hope to see many of you there too.

John V. Terrey



ask about a set that looks like a Crosley but does not say "Crosley." So, keep your eye out for these Crosley-Sears sets.

RENEW/EXTEND YOUR SUBSCRIPTION NOW!

Subscription rates are going up next month, but if yours expires within the next twelve months and we receive a renewal or extension to your subscription before June 10, you may use the current rates. The new U.S. one-year rates will be \$19.00 for Second Class and \$28.00 for First Class; Canadian subscriptions, sent First Class, will be \$30.00 per year. Write for other foreign rates. See details on the coupon opposite page 30.



CROSLLEY REVIEW

BY: RICHARD ARNOLD, P.O. BOX 275, LONE GROVE, OK 73443

Crosley Models 50 & 50A

The Crosley Radio Corporation introduced the Model 50 in 1924, one year before the Crosley Pup, which was featured in A.R.C.'s Sept. 1927 issue. The Model 50 and the Pup used the same Armstrong regenerative circuit, patented on October 6, 1914. The only difference between the two seems to be the slight redesign of the Pup's book condenser to accommodate for its confined quarters. The Model 50 sold for \$14.50, the 50A amplifier for \$18.

Regenerative receivers use a portion of the signal that passes through the detector tube to feed back into the input of the same tube. In early receivers like this Crosley 50, this was done by means of a tickler coil to amplify the signal.

Four flat metal bars coupled the two units - the 50 and the 50A - together. The receiver by itself had excellent selectivity and very good headset volume. The two-stage amplifier, transformer coupled, allowed for horn-speaker volume and was designed to work with both regenerative and nonregenerative receivers.

In 1925, Crosley submitted the Model 50 to the

Radio News Laboratories for testing and evaluation. It passed, and the company received a certificate of merit, number 951. The Model 50 marked a kind of return of a popular earlier receiver called the Harko Senior Model V.

During this time Mr. Powell Crosley, Jr. took a different view on the manufacture of receivers from most other companies. He was interested in low-priced receivers and volume sales. In fact, one of his advertising lines was: "A Crosley, better costs-less radio."

Most of the Crosley receivers used less than five

tubes. These circuits would rely on feedback to develop the same output volume as the six- or seven-tube Neutrodyne.

From 1922 to 1930, Crosley produced about 129 different models. He favored giving his receivers names such as Ace, Pup, Chum, Playmate, Buddy, Bandbox, Gemchest and Showchest.

Crosley's first AC receiver was a metal box called the Gembox which was made about the same time that Atwater Kent made its metal-cased AC receivers.

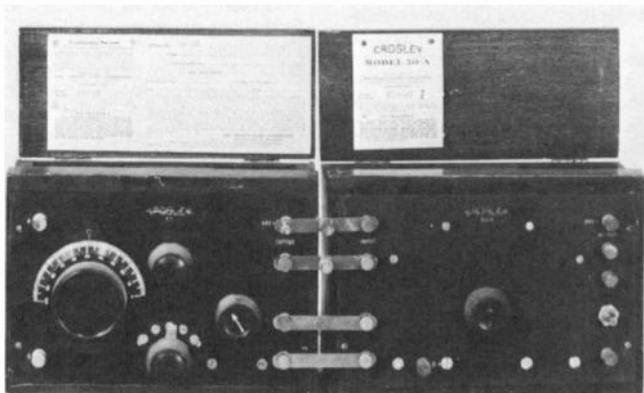


Figure 1. The Crosley Models 50 and 50-A (Photo by David Crocker).

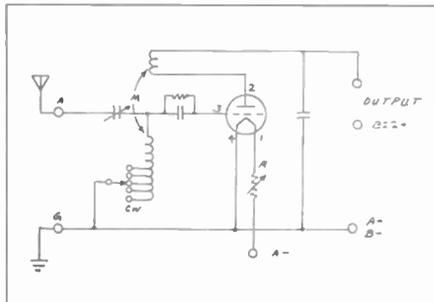


Figure 2. The Crosley Model 50 circuit diagram (Richard Arnold.)

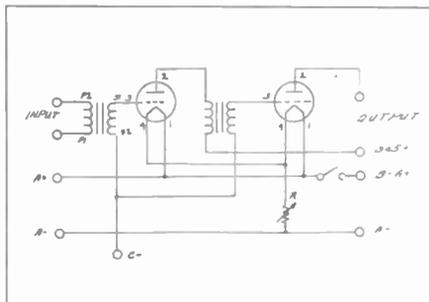


Figure 3. The Crosley Model 50-A Amplifier circuit diagram (Richard Arnold.)



CROSLY REVIEW

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

Crosley Mystery Set: The Model 50 & 50A Combination

Let's mention a Crosley mystery set that appeared in mid-to-late 1925. It's the seldom seen Model 50/50A. This set consisted of the famous one-tube regenerative Model 50 connected by bus-bars to the Model 50A two-tube amplifier...a combination usually found in two small wood cabinets...except this unit appeared together in one long box, connected externally with flat metal connectors at the center of the two units.

Consider these facts at the time: Sales of one-tube receivers are falling off in favor of multi-tube, more powerful sets;

Crosley has a good performing radio in the Model 50 (a good beginning); Crosley's Model VI sales have slowed, allowing a surplus of VI parts and cabinets in the warehouse; Crosley is about to come out with a newer line of radios that would obsolete the 50 and its two-tube amplifier. What would you do?

Powel did what many other radio manufacturers like Atwater Kent, RCA, etc. did at the time...market those parts! Get rid of surplus stuff! And either by design or coincidence, it was discovered that both panels of the Model 50 and companion 50A amp fit rather nicely into the old Model VI cabinet, with two slight modifications: a wooden center post was fitted in the box to accommodate the mounting screws of both panels, and slightly shorter tube socket mounting shafts had to be manufactured (and they were). Crosley offered it to the public to buy (and they didn't). Its life span was brief, for at that time radios with exposed bus-bars and tap switches were "old hat."

I have not found yet any advertising regarding the ill-fated 50/50A Crosley, which indicates just how short its life must have been. I have known of only three to appear in collections, one with a smaller old-style warrantee card in the cover lid describing the Model 50 only. The other two had both cards - one for the 50, and one for the amp.

I would appreciate hearing from collectors who might have one of the Model 50/50A sets in their possession.

Another factor contributing to the Model 50's decline had to be the need for a better tuning device than the already strained, limited "book-type" condenser. The air-waves were becoming crowded with new stations, and Crosley would employ the more selective variable-plate condenser in all future receivers.

The Model 50 was eventually lowered to "toy status" in a final marketing scheme. It

was sold through the Sears Roebuck stores as a Model SR-2 and aimed at the youth market. The compact wooden Model 50 cabinet was shrunk even smaller to a square format, and its panel redesigned to fit the cramped components inside. This would be Crosley's smallest tube-type radio sold in a wooden cabinet.

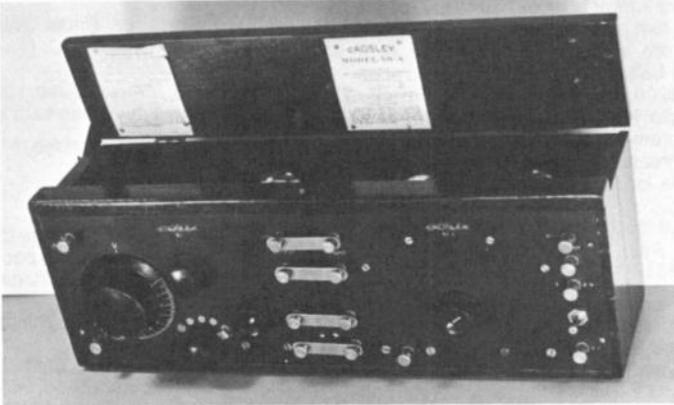


Figure 1. The Crosley Model 50/50A Unit (David Crocker)

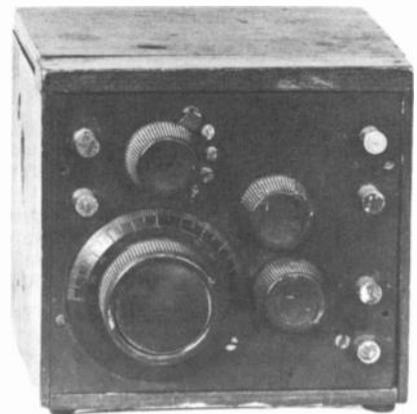


Figure 2. The Sears Model SR-2 (David Crocker).



AUCTION REPORT

CONTRIBUTED BY RAY CHASE, 1350 MARLBOROUGH AVE., PLAINFIELD, NJ 07060

Franklin Institute Sale, March 24, 1988

On March 24, the Franklin Institute, Philadelphia, auctioned off a large part of its collection of scientific and technological periodicals and serials. These were mostly weekly and monthly technical magazines, many in complete sets with dates ranging from the late 1700's to 1980. Many were in bound volumes. An extensive amount of material was disposed of; some lots covered 20 to 30 three-foot library shelves. Condition of the goods varied from poor to good.

359 lots were auctioned off in a little over three-and-one-half hours for a total realized price of just over \$200,000. Some lots of particular interest to radio historians are listed below. A 10% buyer's premium was charged so all prices should be increased by 10% to reflect actual price paid. The lot number is included for information.

Handling the auction was Waverly Auctions, 4931 Cordell Ave., Suite AA, Bethesda, MD. 20814, (301) 951-8883.

59. *Electrician and Mechanic*. (Boston, 1907-1913).

[with] Dr. Ph. Carl, *Zeitschrift fur Angewandte Elektrochatslehre*. (Munchen, 1879-1884).

[with] General Electric Company, Large Collection of Publications, Bulletins, and Instruction Books. (Schnectady, NY, vds).....\$425

60. *Electrician, The*. A Weekly Journal of Theoretical and Applied Electricity and Chemical Physics. Vols. 13-168. (London, 1884-1962).

[11 shelves]\$50

63. *Modern Electrics*. Hugo Gernsback, ed. (NY, 1911-20). Some issues carry the serialization of RALPH 124C 41+. About 68 issues, poor condition.

[with] *The National Electrical Contractor*. (Utica, NY, 1903-1916).

[with] *Popular Electricity*. (Chicago, 1909-1914).....\$250

71. *Specifications and Drawings of Patents Relating to Electricity*. Issued by the United States Patent Office. (Washington, 1881-85-86-89). 4 volumes.

[with] *The Same*. Wireless Telegraph Patents. 1903-22. In Six Volumes. Three 3"-thick volumes plus three 6"-thick volumes, bindings falling apart.....\$325

72. *Television*. The Official Organ of the Television Society. "Electronic Engineering. Vol. I, No. 1 - Vol. LI. (London, 1928-1980). About 624 issues, includes 34 bound volumes.....\$800

227. *Australasian Electrical and Radio Times, The*. Vols. 1-24. (Melbourne, 1922-45).

1 shelf.....\$130

228. *Radio Amateur News. Radio News. Radio and Television News. Electronics World*. (Chicago, 1919-1971). Vols. 1-86. Same periodical, changing title. Five shelves, good condition, 1944 to 1971 are bound.....\$600

229. *Radio Review, The*. A Monthly Record of Scientific Progress in Radio-telegraphy and Telephone. Vols. 1-3. (London, 1920-22). About 60 issues.

[with] *Reports of Radio Researches and Works in Japan*. Vols. 1-10. (Tokyo, 1931-40). About 25 issues.

[with] *Radio Nieuws*. (Den Haag, 1923-35). About 100 issues, two shelves in all.....\$120

230. *Radio*. (San Francisco, 1922-26). 41 issues.

[with] *Pacific Radio News*. (San Francisco, 1920-22). 20 issues.

[with] *Radio Digest Programs Illustrated*. (Chicago, 1924-25). Newspapers, poor condition.

[with] *Radio Journal*. (Los Angeles, 1923-25). 12 issues.

[with] *The Radio Home*. (Philadelphia, 1924-26). About 30 issues, poor.

[with] *Popular Radio*. (NY, 1922-28). Last title comprises two separate titles, with same name, running concurrently. About 68 issues.

[with] *Radio*. 1925-1930.

Good condition, four shelves in all\$750

231. *Radio Topics*. (Oak Park, IL, 1922-24). 30 issues, good condition

[with] *Radio Technical digest*. (Santa Barbara, CA, 1937-40). 15 issues.

[with] *Radio World*. Vols. 1-10. (NY, 1922-28). About 300 issues.

[with] *Radio Age* (1922-28). *Radio Topics* merges with *Radio Age*.

Three shelves in all\$750

232. *Radio-Rivista di Radiotecnica Sotta gli Auspici del Senatore Guglielmo Marconi*. (Genova), 1925-28).

[with] *QST, Francaise et Radio Electricite, Reunis*. (Paris, 1921-31).

[with] *Radio Electricite*. (Paris, 1924-26).

[with] *Radio-Revue*. Organ Officiel de "Radio-Club de France." (Paris, 1924-31).

Three shelves total\$425

233. *Wireless Age, The*. An Illustrated Monthly Magazine of Radio Communications. (NY, 1914-25). About 105 issues.

[with] *Talking Machine and Radio Journal*. "Radio-Television Journal (NY, 1928-29; 1945-47).....\$700

266. *Electrical Experimenter, The*. "Science and Invention. Edited by Hugo Gernsback. Vols. 3-16. (NY, 1915-29).....\$950



COLLECTORS CORNER

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

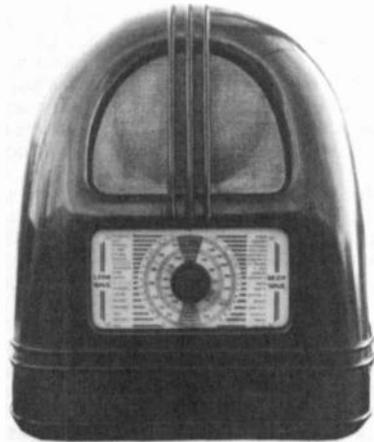
THE PHILCO MODEL 444 "PEOPLE'S SET"

In the 1930s, the radio situation in the U.S.A. was quite different than in most other countries. Most of the European countries were suffering from the Depression and the results of World War I. To the common person a radio, except for a crystal set, was a real luxury item. Most European factory-built radios were more or less hand-built rather than assembly-line manufactured as in the U.S. Consequently, prices were very high and output very low. Also, the European standard of living and wages were quite a bit lower. In some countries, England for example, radios were heavily taxed, and a license was necessary to own one.

The European governments, especially the dictatorships, realized the value of radio in getting propaganda to the people. In Germany and Italy, the governments sponsored manufacture of ultra-cheap radios for the masses. In England, this did not go unnoticed, and the Philco Radio & Television Corporation of Great Britain Ltd. released the Model 269 "The People's Set" in August of 1936. This was strictly a corporate venture with no government sponsorship.

Philco's involvement in England dates from 1931. Six employees worked in a 4,000-sq.-ft. facility modifying U.S.-made sets like the Model 50 to operate from English mains supply and to receive the European long wave broadcast band along with the medium wave. By 1933, Philco was doing some of its own manufacturing at its factory at Perivale, Greenford, in Middlesex, with 210 employees. In '34, Philco opened a second factory and employed 510 people. In 1936, Philco's two factories in Perivale covered 175,000 sq. ft. and employed 4,000 people. Philco continued production after the war and at least through the early 1960's. Other American companies penetrated the English market; Jackson-Bell, Belmont, Pilot, and Atwater Kent were among them. Majestic and Zenith, known as Zetavox in England, even had small factories, but none of these did as well as Philco.

Philco introduced the Model 444 in September of 1936, using the same chassis as the wood cabinet Model 269. The Model 444's cabinet is made of black bakelite and is 16" high, 12 1/2" wide, and 9 1/2" deep. The set weighs 20 lbs. and sold for 6 Pounds, 6 shillings, about \$35 U.S. at that time. Four valves (tubes) are used in a superheterodyne circuit, and the chassis construction and parts are very similar to American-made Philcos. A 6A7 functions as first detector and oscillator, and a 78E as IF amplifier. An unusual English tube, a PEN DD 61 double diode pentode serves as second detector, AVC, and



AF output. The tube was rarely used when new and is now very hard to find. The rectifier is an 80.

The People's Set covers the English medium and long wave broadcast bands of 500-1500 kHz. (600-200 meters) and 150-300 kHz. (2000-1000 meters), operating on 200-260 volts AC, 40-100 cycles. Other versions are battery, AC/DC, and a three-band model. Reception of the Model 444 is quite good for a four-tube set. Both selectivity and sensitivity are quite good. I can pick up my favorite rock and roll oldies' station, WNDE (1260 kHz) in Indianapolis, without hearing our local station, WSAL (1230 kHz), at the same time. There is not a great deal of volume, but the PEN DD 61 might be weak.

The bakelite People's Sets are among the most collectible radios of that period in England. The general public and art deco collectors have as much interest in these sets as radio collectors. The streamlined design of the cabinet is quite unlike any other radios of that time. I believe it was designed by the famous industrial designer Raymond Loewy, best known for the award-winning 1953 Studebaker and the 1962 Avanti autos. Loewy did design the 1938 Philco (English) D521 "Empire Automatic" (see A.R.C., Oct. '87). The Philco 444 People's Set makes an interesting comparison with the German Volksempfänger (People's Radio), which was reviewed in the May '85 *Collector's Corner* of A.R.C. The next *Collector's Corner* will feature the Howard Model O superheterodyne mantel radio of 1931.



VINTAGE TELEVISION

WHAT WAS MECHANICAL TELEVISION?

BY: PETER YANCZER

Very often I'm asked about mechanical television because few people know about the pioneering work done during television's early years. If a group of people were asked when television originated, the majority would say either 1939 or 1947, depending on their ages. Some of the older persons in the group might say 1930 or so; of course, they would be fairly accurate.

"Mechanical television" refers to a particular class of equipment used for producing television images of fixed or moving objects. Specifically, the term refers to television cameras or receivers which did not use some form of cathode ray tube. Many of the mechanical receivers were extremely simple, consisting of little more than a motor with rheostat, a scanning disk and a neon lamp acting as the light source. This plus a radio were the makings of a 1930's television set. Each major manufacturing company here and abroad had its own ideas on how the mechanisms should work. They (or the companies) developed many interesting and ingenious designs, using combinations of spinning disks, lenses, mirrors and light sources. Some companies were producing more elaborate forms of receivers containing lens disks, mirror drums, phonic motors, Kerr cells and even dual radio receivers which provided simultaneous sound reception with the picture. Mechanical equipment could produce a better quality image at far less cost. The pictures were brighter, sharper and more stable than those that could be achieved with the cathode ray tubes of the day.

A number of broadcast stations were carrying



Figure 2. 48-line image taken from a photograph with a direct pickup camera.

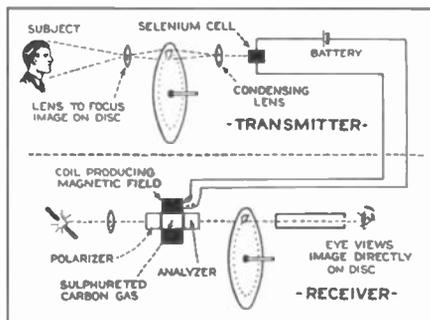


Figure 1. Nipkow's scanning disk system of 1884, from "The Mechanics of Television" by the author.

a regular schedule of television programs in the years 1928 through 1930. Stations were usually equipped with one or more studio cameras of the flying spot variety and some form of movie projector. All of the stations' television equipment was mechanical in nature and provided images with 48 or 60 lines. The available resolution limited most transmissions to close-ups of actors or objects in the scene. Figures 2 and 3 show two examples of the image quality which might have been available from these systems. (These images were obtained from equipment developed



Figure 3. 60-line picture of the author's daughter, Katherine Yanczer. Taken with a flying spot scanner.

by the author which, using modern technology, attempts to duplicate and enhance the early scanning disk systems).

While development of mechanical systems continued, engineers in the United States and abroad were continuing their experiments in electronic television. Gradually the cathode ray tube problems associated with brightness, sensitivity, focusing and synchronizing were solved; by 1936, cathode ray tube equipment was outperforming the best mechanical equipment of the day. More important, mechanical design limitations were preventing further improvement while in the electronic systems further improve-

ment was just a matter of time.

While mechanical television was on the scene so to speak, much was learned about the use of cameras, lighting, set design and about the expectations of the audiences. All of this knowledge and technique carried over to the electronic era and allowed the new system to progress much more rapidly than it might have otherwise.

(Peter Yanczer's book, *"The Mechanics of Television"* was reviewed in the September 1987 issue of A.R.C. and is available from the author for \$20.00 postpaid. His address is 835 Bricken Pl., Warsaw Woods, MO 63122)

RADIO-BOOK BESTSELLERS

1. *1934 Official Shortwave Radio Manual*, edited by Hugo Gernsback (reprint): Lindsay Publications, 1987\$12.95
2. *Saga of the Vacuum Tube*, by Gerald F.J. Tyne: Antique Electronic Supply, 1987 ..\$15.95
3. *The Radio Collector's Directory and Price Guide*, by Robert E. Grinder and George H. Fathauer: Ironwood Press, 1986\$15.95
4. *Radio, A Blast From the Past*, by H.G. Wolf and I. Jacobson: Sound of Music, 1987\$24.00
5. *A Flick of the Switch, 1930-1950*, by Morgan E. McMahon: Vintage Radio, 1975 ..\$11.95
6. *How to Repair Old-Time Radios*, by Clayton L. Hallmark: Tab Books, 1979\$8.95

7. *Radios: The Golden Age*, by Philip Collins: Chronicle Books, 1987\$14.95
8. *Antique Radios, Restoration and Price Guide*, by David and Betty Johnson: Wallace-Homestead Book Company, 1982\$10.95
9. *Vintage Radio, 1887-1929*, by Morgan E. McMahon: Vintage Radio, 1981\$11.95
10. *The Golden Age of Radio in the Home*, by John W. Stokes: Craig Printing Co., 1986\$24.95

Radio-Book Bestsellers, supplied by George A. Fathauer of Antique Electronic Supply, 688 W. First St., Tempe, Arizona 85281, is a ranking of the top-ten selling books of interest to radio collectors, according to sale over the past three months at A.E.S. Prices shown are the publisher's suggested retail prices.

LETTERS

Dear Editor,

I was told by UPS management that as of January 1, 1988, the girth limit (the measurement around a package plus the height) was increased from 107 inches to 130 inches on all interstate shipping. Within state lines the girth limit remains 107 inches.

I thought this information might be of interest to some of your readers.

Eric P. Marx, Grand Blanc, MI

Dear Editor,

Getting fed up with this SASE situation, getting insults and comments because I don't send them. Would like to see this letter printed in its entirety if possible.

I think your mag. is one of the best things ever came along.

I must disagree with people who are in business, or individuals trying to sell merchandise for a profit, that have the nerve to ask for a SASE for return information, especially those who think this is the proper thing to do. I feel they are the ones making the profit and that they should assume all expense in trying to make the sale. This is a usual business practice and something I strongly believe in. Why? Should I spend money to find out information about their merchandise when their selling ads are so poorly descriptive that I would almost have to guess just what they are trying to sell? I must assume they do not want to spend

money on a better ad. Now if this saving were passed on to the buyer, it would be a different thing, but usually it is not. If I make a request for information on articles that he is trying to sell, I am sure the expenditure of a 14-cent post card is not asking too much.

One thing I would like to add to this letter; they should always keep this in mind: they are the seller and I am the buyer; I have the money they want. I can always do without their merchandise or go elsewhere.

R. G. Brown, W3GXD, Lansdale, PA

Dear Editor,

I have a comment on the letter from Mr. Krantz that appeared in the Jan. 1988 issue. Postage is expensive these days, and I can understand a seller wanting a SASE, especially if an ad brings a lot of replies. What I can't understand is why so many advertisers expect the buyer to pay the shipping cost without even giving a hint as to what the item weighs when packed. I have been guilty of this myself on a few occasions, but that's really no excuse. It is a waste of time and stamps to have to correspond back and forth, even when the distance is short, and completely unnecessary when the seller mentions the shipping weight. This practice is even harder to understand in the case of a small part that would weigh much less than the packing material. A little extra forethought here would make things much simpler for both buyer and seller.

Mike Martin, Louisville, KY



WITH THE COLLECTORS

CONTRIBUTED BY JOHN J. NAGLE, K4KJ, 12330 LAWYERS RD., HERNDON, VA 22071

FIRE IT UP, BUT DON'T BLOW IT UP!

Suppose you had just brought home that brand-new old receiver you've been looking for since you started collecting. After wiping off the dust and cobwebs, it looked even better than it did in the dust and heat of the flea market. It looked so good, in fact, that you couldn't help thinking that it probably worked too. You couldn't resist the temptation to plug it in and find out. So you tried. And you found out all right!

Everything looked fine for a second or two. Then, there was a loud POOF; the lights went out; a big puff of smoke came out of the power supply, and that horrid, acrid smell of a burned-out power transformer filled the room. Oh-oh.

To add insult to injury, your wife called downstairs, "Are you all right, dear? The lights just went out in the kitchen... What's that awful smell?" You were embarrassed to tell her that what might have been a fine working receiver was no more, and you hoped she'd forgotten how much you paid for it.

Well, how else could you find out if it worked or not except by plugging it in and turning it on? Isn't it just another case of you win a few, you lose a few?

Perhaps, but with a little patience and preparation, your receiver might have survived to become the pride of your collection. No guarantees, but it's a good time to make haste slowly.

The first problem is that the receiver was designed when the average line voltage was in the 105-110 volt range. Line voltages have gradually crept up over the years. Today, the line voltage on my workbench is 125 volts, an increase of about 15 percent.

The second problem is that the insulation of 50 years ago was not as good as insulation today, even when new.

Finally, your dream receiver has probably been sitting in somebody's garage or basement for at least 25 of the last 50 years, and the insulation has dried out and/or absorbed moisture. Once the insulation material has broken

down and carbonized, a conduction path is established, and the transformer is gone. (Save it, though, in the hope that it can be rewound.)

When you add these facts together, it's not surprising that the power supply did go POOF! Let's pause a minute to see what you could have done differently to save the power transformer in your next receiver.

The basic problem is how to drive out the moisture and rejuvenate the insulation without putting a voltage stress on the insulation. The first approach I thought of was removing the transformer from the chassis and baking it in the kitchen oven. Besides smelling up my wife's kitchen and probably getting lunch late, this would involve disturbing a lot of other components and causing a lot of undesirable hassle. Fortunately, the same thing can be accomplished more easily with the transformer left in place.

In normal operation the heat generated in a transformer comes from two sources: One is from core loss, which is proportional to the voltage across the windings; as we are trying to minimize the voltage stress, we can develop very little heat from this source. The other type of loss is I²R or copper loss. Since this is a current loss, it is independent of voltage. How do you generate full current in the transformer windings without developing full voltage across the windings? Easy: Put a short circuit on the transformer secondaries!

That's easy, too! Begin by removing the rectifier tube. In receivers of the age bracket of interest to us, it's probably a Type 80 with a four-pin base. Find a 4-pin plug in your junk box, and connect a heavy jumper across the two large (filament) pins and across the two small (plate) pins, and plug this into the rectifier socket. Next, locate the tube whose filament is electrically nearest to the power transformer, and replace it with a plug having the filament pins shorted out.

DO NOT plug the receiver into the wall at this time, or you really will blow the power trans-

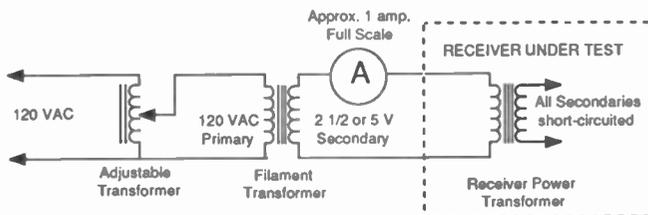


Figure 1. Receiver Power Transformer Bake-out Circuit.

former sky-high and probably a lot of other things too!

Now, connect the secondary of a 2.5 to 5.0 filament transformer to the receiver power cord (power transformer primary). The filament transformer primary should be connected to the 120 AC outlet, if possible through an adjustable power transformer. Use of an adjustable transformer will make the bake-out process a lot easier. You should also place an AC ammeter in series with the connection between the filament transformer and the receiver power transformer to monitor the primary current. A schematic is shown in Figure 1.

To begin the bake-out process, turn the adjustable transformer to zero, and plug it in the wall. Now turn on the receiver, and slowly increase the output of the adjustable transformer until the input current is equal to the rated value. For a four- or five-tube receiver, this will be about half an ampere. If you know the receiver power consumption and its rated line voltage, you can calculate the proper current by dividing the receiver power by the rated line voltage.

The situation that has been set up is that the short circuits on the secondaries prevent any appreciable voltage from building up across any of the windings. With only 2 1/2 volts on the primary, the maximum voltage across the 300-volt secondary is less than 10 volts, an amount which should not severely stress the insulation.

If you cannot obtain rated primary current with a 2 1/2 volt transformer, try a five-volt filament transformer instead.

Now, let the receiver bake for a while. Continue to monitor the current because it will drop off as the temperature of the transformer rises,

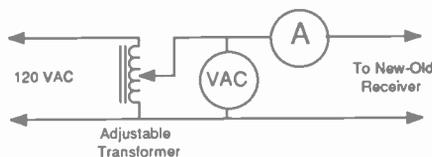


Figure 2. Operational Test Circuit

AUCTION REPORT Andreas, Pa., March 12, 1988 BY RAY CHASE

This all-day event auctioned a variety of goods including ten radios. There was no opportunity to test the radios, and no operating claims were made. Auctioneer was Robert A. Arner, Rt. 2 Box 216, New Ringgold, Pa. 17960.

1. Radiola 18 in highboy cabinet. Cabinet in fairly good shape, but radio chassis and speaker frame very rusty \$20
2. Imperial tombstone made by Triangle Ind. Model 8U-27. Nice looking 8-tube radio with some cracking and lifting of the cabinet veneer. Has wooden knobs and very clean three-band chassis. Never saw one of these before, not listed in Rider's45
3. AK 60 in a console with a pretty design on the grille cloth.

due to an increase in copper resistance with temperature. Increase the adjustable transformer setting to compensate for this drop.

After an hour or two, the temperature of the power transformer should be comfortably warm to touch. The line current can actually be increased to about 50 percent over the rated input current without overheating the transformer. This is because with the very low input voltage, the power transformer core losses are very close to zero and do not contribute to the temperature rise.

I suggest you let the transformer bake like this for two or three days.

The next step is to apply power to the receiver, but do it gently! Start by removing the shorting plugs; also remove the filament transformer in the primary line. Connect the power transformer primary directly to the output of the adjustable transformer. Continue to monitor the primary line current for signs of trouble. See Figure 2.

Be sure all the tubes are installed in the receiver. Check the Type 80 to see if it has an old style envelope. If it does, temporarily replace it with an 80 with a modern envelope. No sense in taking a chance on ruining an old style tube.

Now the fun begins. With the adjustable transformer at zero, turn on the power and slowly increase the line voltage in 10-volt steps. Leave the voltage setting on each step for at least 10 to 15 minutes or even longer to insure nothing breaks down. The advantage of this is that if a component does break down, the low voltage on the rectifier filament will limit its emission capabilities and prevent excessive current flowing through the rectifier which could damage other components. Leaving the voltage at each step for a while will give the electrolytic capacitors a chance to reform too.

I suggest you do not allow the line voltage to go above 110 if the receiver dates from the 1920's or early 30's, or above 115 if the receiver dates from the late 30's.

Although this bake-out technique is not guaranteed to make each and every radio play, my own experience has been that it helps to save receivers that would otherwise blow sky high - and end up in the spare parts basket.

- | | |
|---|-------|
| Cabinet in fair condition, chassis in poor shape | 22.50 |
| 4. Crosley console only, very small, no chassis or speaker, Repwood front with some veneer on the top lifting. Looks like it was for a Gembox style chassis | 2 |
| 5. AK 60 in a Kiel table. Both chassis and table in very good condition, most paper labels still in place | 200 |
| 6. Crosley Gembox and Dynacone speaker. Poor condition with all the usual pot metal problems with radio and speaker | 30 |
| 7. RCA white plastic table radio, three knobs with SW band and gold trim, Deco style with rounded top | 36 |
| 8. Three typically small brown or black plastic AC/DC table radios with two knobs. One RCA and two Emerson. Lot price each | \$33 |

I bought the Imperial tombstone. If anyone has a schematic or information on it, I would appreciate hearing from them. (Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)



Olde Tyme Radio Services Directory Third Edition, Part III

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.!

PARTS/RESTORATION SUPPLIES

(CONTINUED):

Mark Oppat
167 Caster
Plymouth, MI 48170
(special volume controls)

Circuit Specialists
PO Box 3047
Scottsdale, AZ 85257
(602) 966-0764
(capacitors, resistors, etc.)

Dick Smith Electronics
390 Convention Way
Redwood City, CA 94063

PHILCO CONDENSER KITS:

Fred Geer
6042 Brookridge Rd.
Jacksonville, FL 32210

PHILCO TUNING DIALS:

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

Antique Radio Restorations
635 S. Lincoln Ave.
O'Fallon, IL 62269

POWER TRANSFORMERS:

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

Vintage Radio & TV
1204 Andrews Ave.
Lakewood, OH 44107
(216) 226-4054

Sue Coulter
Box 11-A
1000 W. Columbus
Bakersfield, CA 93301

PUBLICATIONS:

Antique Radio Classified
PO Box 2
Carlisle, MA 01741

Radio Age
636 Cambridge Rd.
Augusta, GA 30909

RADIO REPAIR & RESTORATION:

Atom Electronics
429 Park Ave.
Worcester, MA 01610
(617) 755-4880

Bill Johnson
34 Springlake Pl. NW
Atlanta, GA 30318
(404) 355-6308

Steinmetz Electronics
317 Pulaski Rd.
Calumet City, IL 60409
(219) 931-9316

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

Les Goldberg
70 NE 167th St.
No. Miami Beach, FL 33162
(305) 653-0128

Fred Geer
6042 Brookridge Rd.
Jacksonville, FL 32210

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

Alvin Heckard
RD 1 Box 88
Lewiston, PA 17044

Craig Larson
2122 45th Ave. NE
Minneapolis, MN 55421

Dennis Williams
859 Ferguson Dr.
Orlando, FL 32808
(305) 291-6673

Terry DeWick
1829 Plumb Branch Rd.
Knoxville, TN 37932
(615) 693-8807

John Andrews
2975 So. 600 E.
Salt Lake City, UT 84106

Arie Breed
510 Lake Dr.
Ottumwa, IA 52501
(515) 682-6925

Sue Coulter
Box 11-A
1000 W. Columbus
Bakersfield, CA 93301
(repair of AC sets only)

Vintage Radio & TV
1204 Andrews Ave.
Lakewood, OH 44107
(216) 226-4054

David & Nancy Snow
6024 Leora Ln.
Jackson, MI 49201

Daniel Zavaro
2850 21st St.
San Francisco, CA 94110
(415) 282-1155 (bus.)

Don Kresge
4721 Overwood Cir.
Birmingham, AL 35222
(205) 595-2856

Donald G. Harris
3332 N. 57th Ave.
Phoenix, AZ 85031
(602) 247-7020

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

RADIOLA CATACOMB REPAIR:

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

RADIOLA 17 & 18 DIAL HOODS:

Antique Electronic Supply
688 W. 1st St.
Tempe, AZ 85281
(602) 894-9503

RADIOLA/LOOP ANTENNA WIRE:

R.A. Goodman
7943 Ponce
Canoga Park, CA 91304

Antique Electronic Supply
688 W. 1st St.
Tempe, AZ 85281
(602) 894-9503

**RADIOLA 16, 17, 18, 41 & 60 TUNING
DIALS:**

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

RADIOLA LEATHER HANDLES:

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

REPRODUCTION RADIO KITS:

Dick Smith Electronics
390 Convention Way
Redwood City, CA 94063

Antique Electronic Supply
688 W. 1st St.
Tempe, AZ 85281
(602) 894-9503

SCHEMATICS/SERVICE DATA:

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

Steinmetz Electronics
317 Pulaski Rd.
Calumet City, IL 60409
(219) 931-9316

Scaramella
PO Box 1
Woonsocket, RI 02895

Leonard Arzoomanian
12 DeFillipo Ct.
N. Providence, RI 02904

Craig J. Larson
2122 45th Ave. NE
Minneapolis, MN 55421

Alton Bowman
RD #2
Chapin Village
Canandaigua, NY 14424

(To Be Continued)



CLASSIFIED ADVERTISEMENTS

WANTED: National AC power supply for SW-3, either 3.5 or 6 volt. Leland Smith, HCR-31, Box 147, Jasper, AR 72641

FOR SALE: Cathedrals: Philco 60, rebuilt, refinished, very nice - \$125; Philco 20B, rebuilt, refinished, excellent - \$165. Horns: Magnavox M1, vg cond. - \$75, + R3 vg cond - \$75. Saal nice, not working - \$50. 1921 WE, base mint, bell needs work - \$60. Misc.: Stromberg-Carlson 130-J Deco electric set, rebuilt, refinished, great looking set - \$125. Neutrowound, black, vg cond., with good tubes - \$165. Mid-1960's DuMont light-up sign says "DuMont Color Television and Stereophonic Products," N.I.B. and really nice - \$75. 01-A's tested - \$5 ea. **WANTED:** Cabinet for DeForest D-10 and Paragon IIIA. Dave Christensen, 1008 Wisconsin St., Hudson, WI 54016. (715) 386-6110 after 6:00

WANTED: Remco Radiocraft toy radio kits from 1950's-60's. Other Remco items. Dave Minchella, 80 Campfire Rd. N, Henrietta, NY 14467. (716) 359-3337

FOR SALE/TRADE: Send SASE for my list of 1950's test gear and odds and ends. T. Walker, N2GIG, 154 Intervale Rd., Mountain Lakes, NJ 07046

WANTED: Power supply for Zenith Model #35 PX. John Swartz, Box 651, Chillicothe, MO 64601. (816) 738-4785

FOR SALE: Test equipment. RCA: VTVM WV98C - \$65. WA44B audio generator - \$40. WR 69A sweep generator - \$50. WR 99A marker generator - \$90. Sencore: TC109 tube tester - \$45. CG 126 color generator - \$20. TF 26 cricket transistor checker - \$25. Eico: VTVM 1050 - \$25. Tube checker 667 - \$65. B&K 600 tube checker - \$35. Plus shipping. LSASE list. J.J. Papovich, 216E Broadway, Westville, NJ 08093. (609) 456-4079

WANTED: Broadcast microphones, equipment, literature. 16" transcriptions, recording disks, top quality table & console radios. Jukeboxes. Robert Van Dyke, 2 Squires Ave., East Quogue, NY 11942. (516) 728-1327

WANTED: National SW3, first model using Type 32 and 30 tubes, third model using octal tubes. Also SW5 and later versions of the series. Buying parts and accessories for restoration. Will pay your price for coils I don't have! Hallicrafters SX 28A for parts. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (714) 797-1782

WANTED: Zenith 15-tube floor model radio Model 15-U-272. Arie E. Breed, 510 Lake Dr., Ottumwa, IA 52501. (515) 682-6925

FOR SALE: Zenith 14E-18E console w/speaker and power supply. Receiver has all parts, condition unknown. Cabinet has water damage. Restorable - \$35. Ray Winter, 1745 Rocky Rd., Fullerton, CA 92631. (714) 526-3035

WANTED: Dionne Quintuplets radio. Grandfather and grandmother clock radios. Character and novelty radios. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5

WANTED: Lyric S6, S7 or S62 chassis. Radio Products Mfg. (RPM) parts and radios. Tom Burgess, Box 9769, Little Rock, AR 72103. (501) 565-1750

FOR SALE: Manuals for WWII military radios, radars and other equipment. Send SASE for list. Rainy Day Books, 44 Bertwell Rd., Lexington, MA 02173. (617) 861-8656

WANTED: Experiment booklets from before 1930's. National Radio Institute Correspondence Course. Robert Stapleford, 1800 Randolph, Topeka, KS 66604

FOR SALE: Unused and used tubes, capacitors, cone speakers, electronic and computer books. Send SASE for lists. C. Elmer Nelson, 11 S. Church St., Princeton, IL 61356

WANTED: Light bulbs, pre-1900 with unusual bases such as wood, Brush-swan, Edi-swan, Hawkeye. Rob Simon, 333 N. Garfield, Lombard, IL 60148

FOR SALE: Rubber belt replacements - \$5 ea. Enclose make, model number. Large selection. Steve Kapiak, 1333 Madison St., #9, Hollywood, FL 33019. (305) 587-6720 days, (305) 923-2336 nights

WANTED: Would like your telegraph gear for my private collection and future reference for book. Gil Schlehman, 335 Indianapolis, Downers Grove, IL 60515

WANTED: Manuals: Hickock 539B (not 539A), Heathkit PS-3, Heathkit 10-4560. C.L. Richter, 5256 West Ave. L, Quartz Hill, CA 93536

SERVICES: Thinking about building a mechanical television? I can help you get started. Send a SASE, 2 stamps. Peter Yanczer, 835 Bricken St., St. Louis, MO 63122

CLASSIFIED ADVERTISEMENTS

FOR SALE: General Electric FM Translator (tuner) FM1, ca. 1950, excellent condition, 16Wx16Hx11D. Tubes 24, 27, 80 - \$1.50. Some 27 globes - \$2. 6K6, 6V6 GT's - \$1.50. AC, DC 25v thru 117v - \$2, new - \$3. Some mid-1930's. Send needs. Joe Rauch, 215 S. Lombard Ave., Lombard, IL 60148. (312) 627-2605

WANTED: Firestone radios and parts. Frank Potts, PO Box 4012, Traverse City, MI 49685

FOR SALE: Everett Orgatron. This is a large amplified reed organ, circa 1938. Two keyboards and full pedalboard, big sound, works, no speaker. You pick up. \$50. Mike Kitner, 735 Factory St., Carlisle, PA 17013. (717) 249-3851

WANTED: Glass dial for RCA radio model C8-20. Mike Danish, PO Box 217, Aberdeen Proving Ground, MD 21005. (301) 272-4984

FOR SALE: 1938 Zenith Model 5R317, wooden celluloid columns, museum piece - \$600. Sandra Whitney. (203) 673-3846

FOR TRADE: Nice maroon and white small Addison towards a grandfather or grandmother clock radio I need. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5

FOR SALE: Silvertone tombstone #4763, magic eye, AM-2SW bands, works good, cab. & grille cloth fine, original - \$50. Operadio drum speaker, sunrise grille, nice, works - \$50. RCA 100A speaker, fine, works - \$35. RCA 10" TV #8T241, near mint, untested except xfmr. & CRT good - \$125. 1941 GE TBX2 rack-mounted military transceiver - BO. Hawkins Guides 1917, #1 to 10 - \$10 ea. Ten 4-minute cylinder records, fair to fine, no boxes - \$25. J.L. Acciavatti, PO Box 231, Southborough, MA 01516. (617) 476-3229, eves.

WANTED: Rider's Manuals Volumes 22 & 23.

FOR SALE: Schematic diagrams 1930-1950 - \$2. Tube testers - \$15. Tony DeMara, 25100 Hoover, Apt. #203, Warren, MI 48089

FOR SALE: Aeriola Sr. receiver & amplifier unit, both in very good condition - \$185/pair. Sheldon Kane, 360 Rhine Cliff Dr., Rochester, NY 14618. (716) 442-6338

WANTED: Glass antenna insulators; especially in colors, embossed and unusual shapes. Need embossed, AGK #5 in particular. Jim Singleton, 77 Cochrane St., Melrose, MA 02176. (617) 662-2128

FOR SALE/TRADE: Bulova Model 100 radio, blue, gold trim - offer. 1950 Hopalong Cassidy and Singing Bandit, 2 novelty records with 18-page pictorial history album - \$29. Toy, hook on belt CB receiver, 9v, works - offer. 1914 Signal Corps buzzer - offer. Otto W. Nill, 192 Grant Ave., Islip, NY 11751

CLASSIFIED ADVERTISEMENTS

FOR SALE: Spring Sale. Zenith Trans-Oceanic radio, 5 tubes, band spread dial, 8" wide, 7 bands, wave magnet, logbook, etc., best model Zenith made, special, works FB - \$60. RCA tombstone Superhet, 5-tube Model 85T2, 1924 model, red finish, works well - \$45. AK Model 55 updated to C Model, chassis for Kiel table or console, 7 tubes with my own regen. feedback circuit clean, works, vg, with tubes - \$110. AK table radio Model 37, 7 tubes, complete with tubes, looks vg, works same 1st AK AC radio - \$70. Radiola 17 P.S. - \$20. Two Eimac VT127-A xmtr. tubes, new in boxes - \$10 ea. Emerson 7-tube BC/SW wooden cabinet, PB Superhet, look & works good - \$50. Wm. S. Key, W1DWD, 58 Sycamore Dr., Halifax, MA 02338. (617) 294-1831

WANTED: Hard rubber panel 10 x 11 x 1/4 inches. Wall type speaker. Kennedy X or XI. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9

FOR SALE: Tubes: thousands available, all types. N.O.S. and used, tested good. Fair prices. Send SASE for list available soon; for those who have recently written, your lists will be sent shortly. Or send needs for quote. Radiola 20, good, restorable, w/199's, complete. Westinghouse bakelite AC/DC, unusual case, rebuilt, plays good. Adam Schoolsky, N6PSJ, 39120 Argonaut Way, #195, Fremont, CA 94538. (415) 797-2733

FOR SALE: Antique phonographs & jukeboxes. 10,000 78 & 45 rpm records. 1100 new tubes. SASE. Tony's Trading Post, 209 East Park St., Butte, MT 59701

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3552 West 105 Street
Cleveland, Ohio 44111
(216) 226-4054

CLASSIFIED ADVERTISEMENTS

WANTED: This service manual supplement contains a list of electrical values, resistors and condensers, coils and transformers in all Atwater Kent radios 1924-1933 inclusive - \$3.50 ppd. Lee Williams, 7301 N.E. 175th St., Bothell, WA 98011

FOR SALE: New tubes, 90% off current GE price. State your wants. J.J. Papovich, 216 Broadway, Westville, NJ 08093. (609) 456-4079

WANTED: Spherical audion, any type of filament or variation is okay; however tube must be functional. It will be used for testing and a future article on audion receiver. Henry Rogers, PO Box 501, Minden, NV 89423. (702) 267-2725 evenings

FOR SALE: Liquidating radio store from 40's. Thousands of new/old parts. 5000 radio & ham tubes. Military test gear. Noble Stidham, PO Box 1094, Lubbock, TX 79408. (806) 763-8606

WANTED: Information on the procedures for servicing RCA Radiola 24-25-26-AR812 Catalog. Dave McClellan, 1086 Trailridge Ln., Atlanta, GA 30338. (404) 448-1894, 399-6704

WANTED: Any iconoscope camera or parts. If it ain't for sale or don't know, don't call! Julian Burke, 1423 Marconi Dr., Knoxville, TN 37909. (615) 691-0821

FOR SALE: AK Model H speaker. Two AK Model 3E speakers. WH1, don't know what it is. AK 20C. Radio mint, Model T coils, old telephone. Russell or Irma Schoen, E7340 Nietzsche Rd. Clintonville, WI 54929. (715) 823-6744

CLASSIFIED ADVERTISEMENTS

WANTED: Dr. Pepper, Coca Cola, & Pepsi cooler-shaped radios. Also Trophy Baseball radio & Rudolph Red Nose radio. Paying \$300 & up. Ed Levin, 13826 Ventura Blvd., Sherman Oaks, CA 91423

FOR SALE: Rider television manual, volume 2, fair shape - \$10 plus UPS. Tony DeMara, 25100 Hoover, Apt. 203, Warren, MI 48089. (313) 758-4905

WANTED: FADA #115 or #1000 chassis w/dial working or not - cash or trade. Jimmy Downes, 607 East 12th Ave., Covington, LA 70433. (504) 893-7057

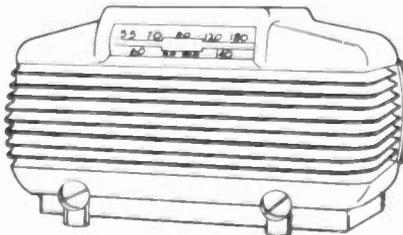
WANTED: Old crank style phonographs, horns, parts or junk machines. Any condition. Dave Faehrich, 8215 Stone Rd., Independence, OH 44131. (216) 447-0837

FOR SALE: Westinghouse RADA, vg, not checked, looks fine - \$125, UPS paid. Westinghouse Aeriola Sr. Type RF with WD-11 tube with paper decal, info in lid, looks fine, unchecked - \$210, UPS paid. Crosley cathedral Model 148, has green dial, plays, about fine, needs touch up on top, front fine - \$275, UPS paid. 1921 home brew crystal set, wood, 18"x8"x10", vg, coil in box, plays - \$85, UPS paid. Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

WANTED: Push button tuning mechanism for Zenith No. 6S341 chairside radio. T.J. Roesch, 9613 Kelly Court, Indianapolis, IN 46231. (317) 839-5983

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FOR SALE: Radiola 33 with matching speaker. Eric Fogel, 2922 Barnes Ave., Apt. 6K, Bronx, NY 10467. (212) 652-5101

WANTED: 20's battery sets, horns, tubes, etc. State price and condition. William Smith, 16001 Dusty Ln., Accokeek, MD 20607

FOR SALE: 12 floor-model radios: Apex us radio #46. AK Kiel table. AK 55. Steinite 70. Philco 38-610. RCA's 242, 280 & 48. Crosley. Bremer Tully. Zenith 755 and 5J247. Also a Silvertone wire recorder. **WANTED:** Cabinet and parts for a Federal 61. Mike Kibler, 300 Speiter, #39, Danville, IL 61832. (217) 267-3703

WANTED: WWII German communication radio equipment and any other WWII German electronic equipment, optics, mine detectors, movie cameras, or German or U.S. microphones. Write to: Steve Puntillo, 1911 Rowley, Madison, WI 53705. (608) 233-1569

FOR SALE/TRADE: 8 Catalin and novelty radios. Gaelle Reboul. (305) 662-1986

WANTED: Hickock Model RFO-1 scope, or Triumph Model 180 oscillator. Ken Ketner, Box 65135, Lubbock, TX 79464

FOR SALE: Fifty years: Catalogs; flyers, service manuals, books, Radio Masters Encyclopedias, old radios, parts, military equipment, 10,001 miscellaneous hickies. 36 pages listing - 45¢ LSASE. F. Yonker, W21BH, 7 Old Farms Rd., Saddle River, NJ 07458

CLASSIFIED ADVERTISEMENTS

WANTED: Knobs for Philco 82, 86, 87, 95 (same type of knobs). Feet for Grebe AC-6. Does anyone know of a product that softens stiff cone speakers? Henry Brown, 160 French St., New Brunswick, NJ 08903. (201) 846-4820

FOR SALE: 1947 Philco Projection TV - \$450. Steve Puntillo, 1911 Rowley, Madison, WI 53705. (608) 233-1569

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WANTED: Schematic copy Michigan Radio MRC-2. Don Kresge, 4721 Overwood Circle, Birmingham, AL 35222

FOR SALE: BC 375E with tubes in 9 original factory cartons. Rich, 1622 Harrison, Oakland, CA 94612. (415) 452-2200

WANTED: Front panel for A.C. Super Wasp. Coin-operated radios. Speaker for Dahlberg pillow radio. Dan Howard, 2940 SE 118th Ave., Portland, OR 97266

WANTED: Ozarka V-16 chassis or in cabinet - buy or liberal trade. SASE 75 radio list. Ray Miner, 1215 B., Ft. Madison, IA 52627

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FOR SALE: Vibrator transformers, single and push-pull output transformers, new Sprague 450v and 600v capacitors, cheap tubes, new dial belts — \$4.50. Misc. trash and treasures. List available. Please note: if you wrote to me in April and received no reply, I didn't get your letter. I have not moved, but the city changed our street names. What a mess! New address: Sue Coulter, 4200 Prince St., Bakersfield, CA 93301

WANTED: Scott Philharmonic with or without cabinet. Also looking for Masterpiece and Super XII. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203, anytime

FOR SALE/TRADE: Trade preferred. Excellent & working: RCA 140 tombstone. Cathedrals: Mantola, Philco 21, Gloritone 32, Pilot, Tiffanytone. Midwest Model 20-38, 20-tube huge console. 20 different mint 8- to 10- tube consoles. Sonora mint table Victrola. **WANTED:** Treasure chests. FADA 43 & 290; Lyric Model M-21; AK 708, 558 and 112N console. RCA: R73, R74, 10T, 121 and R28 series. Echophones. Clarion Zaney-Gill. Zenith 835. Majestics 331, 373 and 85. Pilot 11-tube Super Wasp table model. Consoles: Spartans 1567, 1867 Triolian. Crosleys 1313, 1516, WLW. Arvin 1227, 1427. RCA D22. Zenith Stratospheres. Tube and transistor novelties: glass or unusual such as Mickey Mouse, globe, piano, ship, etc. Joe Milano, 61 Furman Dr., Wayne, NJ 07470. (201) 694-3721, 6-9 pm

WANTED: Complete dial drive assembly including good dial for a Philco 16-121. Thomas Bisel, 2266 Halyard, St. Louis, MO 63129

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CLASSIFIED ADVERTISEMENTS

FOR SALE: Majestic Model 20 tuning condenser with good dial scale — \$10 + UPS. Gilbert Smith, 248 South 36th St., San Diego, CA 92113. (619) 233-8646

WANTED: 2nd edition (1938) of Mallory-Yaxley Radio Service Encyclopedia, in good condition. Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

FOR SALE: Original carton very early Shieldplate SP122A-C tubes (70 Years, p. 41), have 3 — \$15 ea. ppd. Serge Krauss, 141 Homan Ave., Elkhart, IN 46516

WANTED: Novelty transistor radios: i.e., Stanley tape measure, Snoopy, 50's coke & Pepsi machines, Mickey Mouse, etc. **FOR SALE:** Rider's Vols. IV to XVII, good condition — \$250 firm, sale as set only. Sue Smith, PO Box 27184, Lakewood, CO 80227. (303) 972-2427

FOR SALE: Jackson Model 49 tube tester — \$25. RCA 45EY record player — \$30. Precision E200C signal generator — \$40. Eico Model 460 oscilloscope — \$50. Trav-Ler Model 5028 portable radio with snakeskin cover — \$25. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

FOR SALE: Of interest to radio collectors travelling through the Midwest this summer: Two collectors have radios and related items for sale. We are close to I-35 and I-80. Send SASE for list. Paul Gunzenhauser, Rt. 1 Box 133, Garden Grove, IA 50103



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FOR SALE: For America's best sales list of radios, TV's, speakers, related books & mags., etc. - send \$1.50 to: Jim Clark Enterprises, Dept. ARC, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

WANTED: Manual for Simpson Model 383A Capacohmeter. Photocopy is fine. Walter Opdycke, 2432 Carriage Ct., Ypsilanti, MI 48197

FOR SALE: Zenith R1000D Trans-Oceanic. Fisher 50R A/F tuner. Sony 4-203 UW TV. GE 12UP4 CRT, N.O.S., for Zenith Porthole. Sparton 5218, excellent. Transvue 160L Entertainer TV, rare, excellent. Maguire 6L, unusual bakelite. Stancor P-1101 N.O.S. power transformer, exact replacement for Freed-Eisemann Model NR-85 radio and Kolster K-24 radio. **WANTED:** Zenith Royal 500 transistor radio. Regency TR1 radio. Regency TR6, TR8 radios. Zenith Disc Jockey record player attachment. GE or RCA UHF converters. Knobs for Emerson 600 or 639 7-inch TV. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

WANTED: Non radio-related product catalogs, esp. pre-1910, top prices paid. Gary Pletcher, 410 Surrey Ln., Bloomsburg, PA 17815. (717) 784-7892

FOR SALE: Plug-in coil sets: Twenty-two 4, 5 & 6 pr. for signal shifter - \$20. Four Philmore Excel shortwave-4 prong - \$10; two Philmore Excel broadcast-4 prong - \$5; in original boxes. Lot price - \$30 & I ship. Fred A. Linn, W9NZF, 5608 Edgewater Dr., Cedarburg, WI 53012

CLASSIFIED ADVERTISEMENTS

WANTED: Dial glass for RCA Model 19K, 5 1/2" x 14", with oval printing. Radke, PO Box 451, Wautoma, WI 54982

FOR SALE: RCA Victor table model 56X5, AM-foreign bands, wood cabinet, good condition - \$25 plus postage. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

WANTED: Telegraph keys in four categories: semi-automatics, hand, paddle, antique telegraph apparatus. Chuck Brydges, W4WXZ, 4901 Tiffany Ave., Winston-Salem, NC 27104

FOR SALE: 47 ufd 400v Ax. electrolytic - \$10/25. 10K pot - \$15/100. 4700 ufd 35v. Ax. electrolytic - \$9/20. 1 ufd 200v axial Mylar - \$8/100. 50K pot - \$15/100. 1.3 ufd 200v. Rad. Mylar - \$12/100. NE-2 neon lamp w/resistor - \$6/100. 10 ufd 300v Ax. electrolytic - \$15/100. 50 ohm 5W sand power resistors - \$6/100. Orders shipped COD. Santech Electronics, 11 Revere Pl., Tappan, NY 10983. (914) 359-1130. Fax: (914) 365-0243

WANTED: Photo or drawing of Radiola IV cabinet interior to help reconstruct one. Dan C. Brown, N. 4828 Monroe St., Spokane, WA 99205

FOR SALE: Shop-made board-type new dummy antenna used with signal generator - send \$6.50. Roy Cameron, 114 E. Second St., Pana, IL 62557

WANTED: 1920's Talking Machine World, Talking Machine Journal - buy/swap. Also some 1930's issues. Alan Douglas, Box 225, Pocasset, MA 02559

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200A	5.00	250	20.00	UV-199*	9.00
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FOR SALE: New #43 panel lamps - \$1.50/dozen ppd. WWII military manuals - write. **WANTED:** Small WWII radios. Speakers for: Philco 16 consoles, National NC-46 & N-240-D. Manual or maintenance info for Solar CE capacitor checker. Sheldon Wheaton, KC0CW, 1120 Virginia Ln. #1, Olathe, KS 66061

FOR SALE: Hallicrafters Sky Champion - \$40. Crosley Trirdyn - \$50. Frost Musiette horn speaker - \$35. Add UPS. Bryan Laughlin, 3450 Chili Ave., Rochester, NY 14624. (716) 889-2341

FOR TRADE: Tower Adventurer and Vitalitone ship speakers, reconed and working, for any other ship speakers, complete or not. Have two Radiola 106 speakers for sale, pick up only - \$60 ea. **WANTED:** Cabinets for Philco 20 and Crosley 167 cathedrals. Case for a Radiola 18, I have escutcheons and top. Case for an Aeriola Sr. Also want a horn for a Stromberg-Carlson 1A, finish like tree bark and any other odd horn and loose cone speaker parts. Bob Barnes, Box 275, Monroe City, MO 63456. (314) 735-2945

WANTED: AK Type 11 tuner and other bread-board parts. AK 702 and others. Bob Nicholson, 3423 S. Long, Topeka, KS 66605. (913) 266-9473

FOR SALE: Two WD-11 tubes, new in box - \$50 ea. Western Electric Lineman's Test Set, #17C - \$50. WE District Test Set - \$75. Grebe Synchro-phase MU1, with tubes, near mint - \$275, w/ original manual - \$300. All plus UPS. Doug Heinmuller, 115 West St., Bar Harbor, ME 04609. (207) 288-4332

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FOR SALE: Rocket Pioneer radio, N.O.S. - \$45. Crystal radio wood box, 1 dial, 4 1/2" x 6" - \$40. Ford style spark coils - \$9. Jefferson elect. ign. coil - \$10. Simpson TV field strength meter Model 488, works - \$25. Hickock 620 TV, linearity pattern gen., untest. - \$18. Simpson in circuit Horz-analyzer Model 382, untest. - \$20. Win-tronix sweep circuit analyzer, untest. - \$15. Eico 628 tube tester roll chart for the later type TV tubes, works - \$32. Supreme 504-B tube tester, roll chart needs some repairs - \$25. RCA 45 player turn table (RP190) and arm - \$10. RP190 less arm, for parts - \$6. Lot 6 phono arms - \$5. Lot headphone parts - \$15. AK E3 speaker, rip in cone, untest. - \$30. Brandes wood case, few scratches - \$35. Some asstd. headphones, no cords, pair - \$7. Brown bakelite body rheostats - \$2.50 ea. Mallory rheostats, N.O.S. - \$5 ea. RCA amp.-type BA-4-C - \$25. Federal rheostats w/knob - \$5 ea. 12 asstd. radio & elect. insulators - \$5. Also have Rider's #5 to 15. Tubes, parts, test eqpt. for sale. New list SASE. Min. orders \$7.50. Shipping extra on all items. Write wants SASE. Krantz, 100 Osage Ave., Somerdale, NJ 08083

WANTED: Walkie talkie radio set for WW2 military SCR-536 and manual (not photo copy). Minoru Wakasugi, 1-16-11 Tokiwadai, Toyonocho Osaka, 563-01 Japan

FOR SALE: AK 55C, orig. condition, in Kiel table. Clean Philco 20 cathedral, needs cab. repairs. Popular Radio H/B 1923 Cockaday long-distance battery set. **WANTED:** Federal 110 and multiband transistor sets. W. Wade, 657 14th Ave., Prospect Park, PA 19076



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FOR SALE: 1928 Columbia C-4. 1929 Edison R-5 - \$175. 1929 AK 55. 1929 Brunswick - \$150. All good cond. Pick up only. D.S. Hall, 1500 Turner St., Old Hickory, TN 37138. 847-5741

WANTED: Replacement mike or xtal cartridge for Shure 707A, orig. or Japanese O.K. H. Seesselberg, 22 Christy Dr., Warren, NJ 07060

FOR SALE: Scott Allwave 15 (Tasman) - \$200. Majestic grandfather clock radio 15 - \$250. Pick up. Barry Janov, Suite 112, 2434 Dempster, Des Plaines, IL 60016. (312) 299-1400, days

WANTED: Paying \$100-\$150 for 3" Pilot TV-37. See my display ad in this issue. Harry Poster. (201) 794-9606, days

FOR SALE: Western Electric sounder - \$30. Greeley sounder and key - \$65. Plus UPS. Warren Burdine, 830 Geneva Dr., Prescott, AZ 86301. (602) 778-1608

HELP: Which wires of Majestic Model 70 receiver go to which binding post on its battery eliminator? John Pepple, 3256 Jackson, Sioux City, IA 51104

FOR SALE: Penna. Wireless Mfg. Co. crystal set, see cover ARC Feb. '85. Crosley VI. AK breadboard. Gene Reynolds, 53 Marple Rd., Haverford, PA 19041. (215) 649-1447

CLASSIFIED ADVERTISEMENTS

WANTED: Rider's Volume V. Large tuning knobs for Hallicrafters SX-28. Jim Barrows, W7BCT, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

FOR SALE: Moorhead tube. Kolster books. Repr. Rider's I. Two 50 tubes. Federal 417 rcvr. SASE. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

CLASSIFIED AD DEADLINES

May 10 for Jun. 1988 Issue

Jun. 10 for Jul. 1988 Issue

Jul. 10 for Aug. 1988 Issue

WANTED: Volume control knob and circuit boards for Champion Spark Plug battery radio. Or will sell what I already have. Gary Wolf, Box 436, Harvard, MA 01451. (617) 456-3874

FOR TRADE: Have RCA Radiola IX, will trade only for an RCA Radiola VIIB. Jim Clark Enterprises, Dept. ARC, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

FOR SALE: Hammarlund SP200 Super Pro communications set, in excellent condition and working order - \$250. Frank Heathcote, 1235 N. 3rd St., Logansport, IN 46947. (219) 722-3612

WANTED: RCA Model 75X17. Abbottwares Model Z477. Crosley Model 140 "book radio." Magnavox Imperial. Gerald Schneider, 8750 Georgia Ave., #1410-B, Silver Spring, MD 20910. (301) 565-2840

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FOR SALE: 6A8MG (metal-glass) tube, unusual collectible, N.I.B. - \$4 ea, \$11/3, plus \$1.50 shipping. LSASE for 4 pages of new and used tubes, parts. Don Diers, 4276-A5 North 50th St., Milwaukee, WI 53216

WANTED: C.B., ham, shortwave tube-type radios. State condition, price. Also manuals for above. Tony Mignogna, 25432 Second St., El Toro, CA 92630

FOR SALE: Grebe Synchrophase, excellent condition - \$250 ppd. Music Masterware, four 199 tubes, excellent, partial box - \$400 ppd. Radio horn without base - \$35 ppd. Pat Cutini, 2114 Main Rd., Corfu, NY 14036

WANTED: 1942 tabletop wood radio; restored, exc., or very restorable; any make. Send picture if you have. Pete Pederson, 4748 SE 41st, Del City, OK 73115. (405) 672-1748

FOR SALE: Original factory manuals for National 1-10, HQ-120X, HQ-129X, HQ-140X, HQ-150, HQ-145, and Johnson Ranger I - \$10 ea. ppd. SX-28A and 51J2 - \$15 ppd. Eico Model 666 tube tester with manual/supplement charts - \$55. Ward Becht, 625 Tufts Ave., Burbank, CA 91504. (818) 842-3444

FOR SALE: Past 70 now and must clear out some of 50 years' accumulation, so the kids won't have to do it later. Send any size SASE for list. No battery radios or Catalins. R.J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477

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WANTED: Spark transmitter and crystal set used in ham radio. Edward J. White, WA3BZT, 2404 Hedgerow Dr., Wilmington, DE 19810. (302) 475-3355

FOR SALE: Lead WWI soldiers, cowboys, bi-planes - modern castings from vintage moulds, approximately 2" dimension - \$1.50 ea.; 10 or more - \$1 ea. T.N. Traks, 92 Main Ave., Sea Cliff, NY 11579

FOR SALE: All new tie clasp and lapel pin list, many new radio-related items. LSASE. Michael S. Sabodish, Sr., 11-A Matawan Ave., Cliffwood, NJ 07721

FOR TRADE: World War II English M.C.R. 1 (Miniature Communications Receiver) Biscuit Tin receiver as supplied to French Resistance forces, complete with 4 coils covering 100 Kc. to 15.5 Mc. It belongs to a French collector. He wishes to swap up or down for an AK breadboard in good condition. The M.C.R. 1 is in my possession, and I will handle shipping of both sets. Frank Heathcote, 1235 N. 3rd St., Logansport, IN 46947. (219) 722-3612

WANTED: Zenith 6-D-117, 7-D-127 or 6-S-222. All are in F.O.S. Thanks! John R. Parker, 6426 Silvery Ln., Dearborn, Heights, MI. (313) 561-6376

FOR SALE: Old stock new capacitors, boxes good, for radio & TV's - \$40/100, \$70/200, \$90/300. Tom Burnside, 4838 Westhaven Dr., Jackson, MS 39209. (601) 922-2235

WANTED: Popular Electronics 1954 through 1960. Pre-1960 Lafayette catalogs. 1961 Allied catalog. Alvin Bernard, PO Box 38313, Orlando, FL 32819. (407) 351-5536

FOR SALE/TRADE: Rider's 1-5 abridged, plus 6 thru 13, also 15 and 18. Make offer. Pat Stewart, W7GVC, 1404 Ruth Ave., Walla Walla, WA 99362

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WANTED: Rider's radio manual Volume 1. Ken Gfeller, 211 No. Garfield, Junction City, KS 66441. (913) 238-3447

FOR SALE: Heathkit collectors: Complete KW SSB and AM station, Marauder, Warrior, Apache, 2 Mohawks, Shawnee, Pawnee, Cheyenne, Comanche, spare cases all in good to excellent condition - \$1200 for all. May consider separating. Looking for Knightkit CB, SWL, and Ham gear or any unassembled Knightkits. Joe Rose, WA2PJP, 60 Sunset Ave., Selden, L.I., NY 22784. (516) 736-0261

WANTED: Plate & glass that goes on front of cab. around big black dial of Zenith console 12-A-58, 1935, plus big knob that goes on tuning shaft. Gene Fout, 4760 Columbus St., Zanesfield, OH 43360

FOR SALE/TRADE: 3-band 8-tube Firestone tombstone - \$65. AK 84 cathedral, needs speaker - \$95. Temple, small metal 4-tube - \$25. Coca Cola cooler radio. Music Master 21" horn. Echophone S-5 cathedral with repwood grille. Puritan radio, tabletop - \$35. Predicta floor model television - \$125. **WANTED:** Pilot cathedrals and tombstones. Pre-WWII German and European radios. Shortwave cathedrals and tombstones. Bill Moore, 1005 Fieldstone Ct., Huntsville, AL 35803. (205) 880-1207

WANTED: Brass base vacuum tubes and colored tubes, or tubes with pictures on them. Jim Sherbahn, 137 Farmington Dr., Woodstock, GA 30188. (404) 924-3135, before 10 pm EST

CLASSIFIED ADVERTISEMENTS

WANTED: I buy radio, TV collections. Please send description & price desired. John Kendall, PO Box 436, Fallston, MD 21047

FOR SALE: RCA pink plastic 1-RA-23 radio - \$35. RCA 66X1, AM & SW, brown bakelite, mint - \$55. American Bosch #5A, original finish, vg - \$70. Restored Emerson AM & SW #CQ273, wood - \$85. Restored oak wood Philco #40-130, AM & SW - \$110. Crosley #66TC, restored, AM & SW, wood - \$100. Philco AM 46-250, brown bakelite, nice - \$45. VTM, works & looks good, in oak box - \$50. Zenith Trans-Oceanic H500, not working, case fair - \$45. Shipping extra. Richard L. Bednarick, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, call eves.

WANTED: Front door and antenna - ground jack for AK Kiel. Junk sets, any. Junk old telephones. Reproducer for Victrola. Grille cloth for Radiola 100A. Will pay UPS. J. Baker, 704 Medway Rd., Hagerstown, MD 21740-4130

Dear Puett Customers,

We are sorry that our Volume 5 of the *Encyclopedia of Antique Radio* has been so late in coming out. Due to a heavy work load, there have been delays in production. We hope to have it in the mail by the time you read this. However, if you still have not received it and would like to cancel your order, please notify us and we will refund your payment.

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SEND US A LIST OF WHAT YOU HAVE TO SELL

CLASSIFIED ADVERTISEMENTS

FOR SALE: DCC magnet, loop litz, bus wire and other restoration supplies. SASE for list. Charles A. Day, PO Box 205, S. Dartmouth, MA 02748

WANTED: First edition of Vintage Radio by Greenwood (not later editions by McMahon). RCA Service Data Vols. I & III. Paul Bourbin, 25 Greenview Ct., San Francisco, CA 94131

WANTED: Mercury 10 Superhet. Philco Farm Set 37-623. Audion rheostat, porcelain. Clapp-Eastham HZ amplifier. Best's Superhet using 222 tubes. Charles Rhodes, Journey's End Rd., South Salem, NY 10590. (914) 533-2503

CLASSIFIED AD DEADLINES

May 10 for Jun. 1988 Issue

Jun. 10 for Jul. 1988 Issue

Jul. 10 for Aug. 1988 Issue

HELP: Need schematic for Hickock 650 Universal video generator and antenna for Trans-Oceanic 8G005. Brett Gundlach, 276 E. Como Ave., Columbus, OH 43202. (614) 267-0346

WANTED: \$10,000 paid for Sparto Nocturne! I top most offers on mirror radios. See my full page ad in this issue. Harry Poster. (201) 794-9606, days

WANTED: Speakers for Philco Model 20, Philco Jr. Model 81. Power supply unit 7P6 for Majestic 7 electric receiver Model 70. Power supply unit for AK Model 40. Paul Cowlshaw, 1424 25th St., Ogden, UT 84401

CLASSIFIED ADVERTISEMENTS

WANTED: Hickock 288XA AM-FM sweep & marker generator. Precision E-400, E-410 sweep generator. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (201) 688-2092

FOR SALE: Radio tubes, send needs. **WANTED:** Old, unusual tubes, horns, cathedrals. Thanks. R. Dobush, 3554 W. 105, Cleveland, OH 44111. (216) 228-4953

WANTED: Owner's manual for Scott 340-B. David Collins, 115 Chestnut St., Medina, NY 14103

FOR SALE: Bremer Tully Power 6, restored, vg, no tubes or cabinet - \$85 + UPS. Bill Jelinek, 128 N. Stevens, Rhinelander, WI 54501

WANTED: Crosley amps 50A, 51A. Radiola RS. Clapp-Eastham HR. Rider's Vol. 2. Bill Seaby, 7850 Birmingham Ave., Baltimore, MD 21234. (301) 661-5734

FOR SALE: Grunoe [Grunow?] tombstone Model 750, untested, cabinet good original finish, round dial with hemisphere design - \$75. James M. Seal, 3309 Boatman's Mountain Rd., Morristown, TN 37814. (615) 581-8269

WANTED: National NC 183D speaker, mint. Wallace Glavich, 1208 Gross St., Eureka, CA 95501

FREE: Farnsworth BC82 console, good cabinet and dial, needs total restoration inside, no speaker. Mike Fite, PO Box 1766, Lutz, FL 33549

**Antique Radio Club of America
1988 CONVENTION**

**JUNE 8-11, 1988 - SOUTH CHARLESTON, WEST VIRGINIA
"100 Years of Radio - The Man: Heinrich Hertz"**

Hosted by The West Virginia Chapter of The Antique Radio Club of America
The Ramada Inn

Second Ave. & B Street, South Charleston, West Virginia 25303

Wednesday - June 8

All Day - Trader's Market

Tours of Ashland, Ky., Kentucky Highlands
Museum & Blenko Glass Plant

Thursday - June 9

All Day - Trader's Market

Early Contest Check-in and Viewing
People's Choice Balloting
Programs:

9 am - Meet The Editors and Authors
of A.R.C. and A.R.C.A.

1 pm - America's 1st Airliner Radio Installation
7:30 pm - KDAK - It All Began Here
(the achievements of Frank Conrad)

Friday - June 10

All Day - Trader's Market

Contest Check-in, Viewing & Judging
Tour of American Electric Power Machine Shop
Programs:

9 am - Heinrich Hertz Experiment

1 pm - Catalin Story

3 pm - Mel Comer's Show & Tell

6 pm - Conference Banquet

Saturday - June 11

7 am - Auction Check-in & Auction

1 pm - Trader's Market

1 pm - Tours of Area Collections

2:30 pm - ARCA Member's Meeting

For information write to: ARCA Conference Headquarters
4204 Thorn Apple Lane, Charleston, West Virginia 25313
or call (304) 744-8082 or (304) 722-4690

ANTIQUE RADIO CLASSIFIED INDEX TO PHOTOS AND COMPANY REFERENCES

(Continued from last month)

Withington Brothers.....	Dec 1987	4
Wizard Wire Winder Co. Coil Winder.....	Jan 1987	13
WorkRite Mfg. Co. Airmaster Six.....	Feb 1986	7
WorkRite Mfg. Co. Aristocrat Six.....	Feb 1986	7
WorkRite Mfg. Co. Chum.....	Feb 1986	7
WorkRite Mfg. Co. Cleveland, Ohio.....	Feb 1986	6-7
WorkRite Mfg. Co. Components.....	Feb 1986	7
WorkRite Mfg. Co. Concertola Jr.....	Feb 1986	7
WorkRite Mfg. Co. Concertola Sr.....	Feb 1986	7
WorkRite Mfg. Co. Model 16.....	Feb 1986	7
WorkRite Mfg. Co. Model 17.....	Feb 1986	7
WorkRite Mfg. Co. Model 26.....	Feb 1986	7
WorkRite Mfg. Co. Model 36.....	Feb 1986	7
WorkRite Mfg. Co. Model 37.....	Feb 1986	6
WorkRite Mfg. Co. Model 48.....	Feb 1987	9
WorkRite Mfg. Co. Radio King Six.....	Feb 1986	7
WorkRite Mfg. Co. Winner Five.....	Feb 1986	6
World Crystal Set.....	Oct 1986	6
Wurlitzer.....	Dec 1985	9
Wurlitzer 4-Tube Radio.....	Nov 1987	7
Zenith Advertising Matches.....	Sep 1986	9
Zenith Model 3-M.....	May 1987	7
Zenith Model 3R Receiver.....	Feb 1986	5
Zenith Model 4R.....	May 1985	4
Zenith Model 11-E Console.....	Apr 1986	7
Zenith Super Portable.....	Sep 1985	10
Zenith Transoceanic.....	Sep 1985	10
Zenith Trans-Oceanic Model 7G605.....	Sep 1985	10
Zenith Trans-Oceanic Model 7G605.....	Mar 1987	10
Zenith Universal 5G401.....	Sep 1985	10
Zenith's English Subsidiary (Zetavox).....	Mar 1987	11
Zetavox Model A.....	Mar 1987	11
Zetavox Radio & Television Limited of London.....	Mar 1987	11

1984 to 1987 Index to Antique Radio Classified

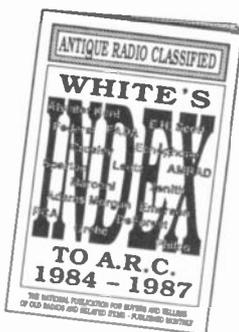
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Listed are all photos and references to radio sets, speakers, keys, other components, novelties, important persons, etc.

For example:
Atwater Kent: 41 entries
Crosley: 91 entries
Sparton: 17 entries

A separate listing of articles is also included.

Send payment with order. Mass. residents add 5% tax. Allow 2 weeks to receive index.
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ANTIQUÉ RADIO CLASSIFIED INDEX TO ARTICLES

1928/29 Radio Sales Versus 1986 Collector Concentration	Jun	1986	8-9
1935 Radio Figures	Mar	1986	12
A Sunday Afternoon Tour of the John F. Rider Manuals	Nov	1986	10-11
A Word on Packing and Shipping	Jun	1986	6-7
A.R.C. Subscription (1986) Percentages	Jun	1986	9
Abbreviations, Commonly Used	Aug	1986	4
All Fair Radio Game	Jul	1987	1,3
An Unusual Horn Speaker	Dec	1987	11
Antique Radio Club of America	Jun	1987	17
Antique Wireless Association	Nov	1987	3
Antique Wireless Association 1985 Contest Entries	Dec	1985	10
Antique Wireless Association '86 Conference & Auction Report	Nov	1986	4-7
Antique Wireless Association 1987 Conference/Auction Report	Nov	1987	4-8
Antique Wireless Association; Conference Report and Photos	Nov	1984	10-11
Auction Report: 2/11/85	Apr	1985	11
Auction Report: Antique Radio Club of America	Aug	1987	7
Auction Report: Antique Wireless Association, 1984	Nov	1984	12
Auction Report: Antique Wireless Association, 1985	Dec	1985	11
Auction Report: Columbus, Georgia	Oct	1984	19
Auction Report: Glenn Baird Estate	May	1987	6-8
Auction Report: Ira Witthaus	Sep	1987	9
Auction Report: June 84 ARCA Convention	Mar	1985	10
Auction Report: Vintage Radio & Phonograph Society/AWA	Dec	1987	8-9
Auction Results: Vintage Radio & Phonograph Society 1986	May	1987	12
"B" Power Supply Construction Project	Aug	1986	5
Battery Radio Photographs	Sep	1984	6
Book Review: <i>Furniture Care and Conservation</i>	Jun	1987	11
Book Review: <i>Official Radio Service Manual</i>	Jan	1987	15
Book Review: <i>Radio Collector's Directory & Price Guide</i>	Aug	1986	13
Book Review: <i>Radio Horn Speaker Encyclopedia</i>	Apr	1987	13
Book Review: <i>Radio Station Treasury (1900-1946)</i>	May	1986	11
Book Review: <i>Radio! Radio!</i>	Dec	1986	6
Book Review: <i>Radio! Radio!</i>	Mar	1987	8
Book Review: <i>The Care of Antiques & Historical Collections</i>	Jun	1987	11
Book Review: <i>The Electro Importing Co. Catalog No. 20</i>	May	1987	10
Book Review: <i>The Golden Age of Radio in the Home</i>	Jun	1987	16
Book Review: <i>The Mechanics of Television</i>	Sep	1987	15
Building a Headphone Magnet Recharger, Part 1	Apr	1986	4-5
Building a Headphone Magnet Recharger, Part 2	May	1986	4-5
Classified Ads - How to Get The Most Out of Them	Mar	1985	11-12
Club Information: Antique Radio Club of America	Mar	1985	5
Club Information: Michigan Antique Radio Club	Dec	1985	20
Club Spotlight: Antique Wireless Association	Sep	1987	14
Club Spotlight: Indiana Historical Radio Society (IHRS)	Dec	1987	15
Club Spotlight: Southern California Antique Radio Society	Nov	1987	10
Collecting Abroad	Sep	1986	13
Collecting Antique Radios: A Television Series	Apr	1987	8
Collecting Interest Survey Results	Feb	1986	4
Collecting Radio Novelties	Aug	1986	10-11
Collecting Radio Novelties	Dec	1986	12-13
Collecting Radio Novelties	Apr	1987	14-15
Collecting Radio Novelties: Radio Board Games	Dec	1984	5
Collector Profile on Larry Babcock with Photos	Jan	1985	12-13
Collector Profile: Floyd A. Paul	Aug	1985	10
Collector Profile: Leonard Arzooonian	Oct	1985	4
Collector Profile: Richard C. Foster Collection	Mar	1985	4-5
Collectors Corner: Automatic Radio Co. Tom Thumb Midget	Dec	1985	4
Collectors Corner: Co-Operative Wholesale Society, Ltd	Dec	1986	10
Collectors Corner: Crosley "Widget" 48	Nov	1985	3
Collectors Corner: EKCO Model A-22	Oct	1984	4
Collectors Corner: Electrical Research Lab. Inc. Model 22P	Jul	1987	13-14
Collectors Corner: FADA Model 43	Sep	1984	5
Collectors Corner: Federated Purchaser Inc.	Apr	1986	8
Collectors Corner: Healing "Golden Voiced" Model 24	Jun	1986	4-5
Collectors Corner: Jackson Bell	Apr	1985	4
Collectors Corner: Jesse French	Nov	1984	9



Harvey, did you know that by the end of
of 1929, an industry that had barely existed ten
years earlier had sold three and a half billion
dollars worth of radios, parts, and accessories?

Why no, Marion, I didn't.

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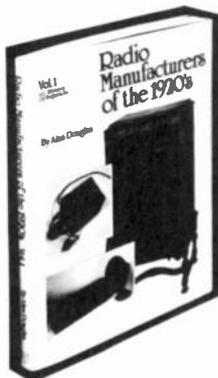
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July 22 & 23, 1988

Dillon Inn
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(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
EXTRAVANGANZA 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 pm	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

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August 11th, 12th, and 13th

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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 - 5:00 pm.
- Trophy for best of show and ribbons for categories.

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 | |
| (VIII) Televisions | |

Registration Information

If you need accommodations, please contact the Holiday Inn-Elgin (312) 695-500 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		

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Street _____

City/State/Zip _____

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<input type="checkbox"/> Free Sample	<input type="checkbox"/> New Subscription: <input type="checkbox"/> \$10: 6 months <input type="checkbox"/> \$18: 1 year <input type="checkbox"/> \$24: 1st Class		
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<input type="checkbox"/> Free Sample	<input type="checkbox"/> New Subscription: <input type="checkbox"/> \$10: 6 months <input type="checkbox"/> \$18: 1 year <input type="checkbox"/> \$24: 1st Class		
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CITY: _____		STATE: _____	ZIP: _____
<input type="checkbox"/> Free Sample	<input type="checkbox"/> New Subscription: <input type="checkbox"/> \$10: 6 months <input type="checkbox"/> \$18: 1 year <input type="checkbox"/> \$24: 1st Class		
NAME: _____			
ADDRESS: _____			
CITY: _____		STATE: _____	ZIP: _____

SEND TO A.R.C., P.O. BOX 2, CARLISLE, MA 01741. Please print neatly. Any payments should be in U.S. funds and made out to A.R.C. Two-year rates are twice the above 1-year rates. Rates for Canada are \$24 per year by 1st Class mail; \$18 rate is not available for Canada. Early renewals/extensions get one extra issue/year. 2-year new subscriptions get 25 issues. After June 10, 1988, please send in new rates: 6-month trial: \$11; 1-year: \$19; 1-year, 1st Class: \$28; Canada by 1st Class: \$30; Foreign: write for rates. Orders received after June 10, 1988, enclosing old rates, will be prorated to new rates.

It is OK to photocopy this form; please distribute it to friends and at meets.

ANTIQUÉ RADIO CLASSIFIED INDEX TO ARTICLES

Collectors Corner: Marconiphone 42	Sep 1985	3
Collectors Corner: N. V. Philips	Mar 1986	4
Collectors Corner: Nathaniel Baldwin Model 40 Receiver	Dec 1984	4
Collectors Corner: Philips Volksemphangers	May 1985	3
Collectors Corner: Pye Radio Ltd. Model G	Jun 1987	13-14
Collectors Corner: Rogers Batteryless R-641	Jul 1986	7
Collectors Corner: Sears & Roebuck Silvertone Model 1152	Oct 1985	3
Collectors Corner: Shamrock Mfg. Co.	Aug 1986	12
Collectors Corner: The Cavac Corp.	Jul 1985	3
Collectors Corner: The Colin B. Kennedy Corp.	May 1986	3
Collectors Corner: The Echophone Model S-5	May 1987	9-10
Collectors Corner: The Jackson Bell Co.	Feb 1987	10
Collectors Corner: The Pilot Radio & Tube Corp.	Jan 1985	9
Collectors Corner: The Stewart-Warner Corp. Model R-102B	Jan 1986	3
Collectors Corner: Transformer Corp. of America (Clarion)	Aug 1985	4
Collectors Corner: United States Radio & Television Corp.	Feb 1985	4
Collectors Corner: Warner Brothers Pictures Corp.	Mar 1985	3
Collectors Q's & A's	Feb 1986	9
Collectors Q's & A's	Jun 1986	9
Collectors Q's & A's: Tapped Volume Control Replacement	Jul 1986	5
Collectors Value Guide: 1961, 1975, 1985	Sep 1985	6-7
Collectors Value Guide: AC Dayton	Oct 1984	18
Collectors Value Guide: Ace	Nov 1984	13
Collectors Value Guide: Adams Morgan (Paragon)	Oct 1984	18
Collectors Value Guide: Airway	Oct 1984	18
Collectors Value Guide: AMRAD	Oct 1984	18
Collectors Value Guide: Atwater Kent	Oct 1984	18
Collectors Value Guide: Atwater Kent	Jan 1985	10
Collectors Value Guide: Beaver Machine & Tool Co.	Nov 1984	13
Collectors Value Guide: Boston Scale & Machine Co.	Nov 1984	13
Collectors Value Guide: Bremer Tully Corp.	Nov 1984	13
Collectors Value Guide: Bristol Corp.	Nov 1984	13
Collectors Value Guide: Browning-Drake	Nov 1984	13
Collectors Value Guide: Chelsea Radio Corp.	Nov 1984	13
Collectors Value Guide: Clapp-Eastham	Nov 1984	13
Collectors Value Guide: Clearfield Radio Corp.	Nov 1984	13
Collectors Value Guide: Collector Magazines	Dec 1986	8-9
Collectors Value Guide: Connecticut Telephone & Telegraph	Nov 1984	13
Collectors Value Guide: Crosley	Nov 1984	13
Collectors Value Guide: Daven	Dec 1984	6
Collectors Value Guide: David Grimes	Apr 1985	5
Collectors Value Guide: Day-Fan	Dec 1984	6
Collectors Value Guide: DeForest	Dec 1984	6
Collectors Value Guide: E. H. Scott	Oct 1985	7
Collectors Value Guide: Eagle	Jan 1985	10
Collectors Value Guide: Echophone	Jan 1985	10
Collectors Value Guide: Echophone	May 1985	10
Collectors Value Guide: ERLA	Jan 1985	10
Collectors Value Guide: Experimenter's Information Service	Dec 1984	6
Collectors Value Guide: FADA	Dec 1984	6
Collectors Value Guide: Federal	Jan 1985	10
Collectors Value Guide: Freed-Eisemann	Mar 1985	7
Collectors Value Guide: Freshman	Mar 1985	7
Collectors Value Guide: Giffilian	Mar 1985	7
Collectors Value Guide: Grebe	Mar 1985	7
Collectors Value Guide: Harco	Nov 1984	13
Collectors Value Guide: Horn Speaker's	May 1986	7
Collectors Value Guide: Howe	Apr 1985	5
Collectors Value Guide: Industrial Radio Service	Apr 1985	5
Collectors Value Guide: Kennedy	Apr 1985	5
Collectors Value Guide: Kodol	Apr 1985	5
Collectors Value Guide: Magnavox	Apr 1985	5
Collectors Value Guide: Mercury	May 1985	10
Collectors Value Guide: Michigan	May 1985	10
Collectors Value Guide: Miracle	May 1985	10
Collectors Value Guide: Murdock	May 1985	10

ANTIQUE RADIO CLASSIFIED INDEX TO ARTICLES

Collectors Value Guide: Music Master	May	1985	10
Collectors Value Guide: National Co.	May	1985	10
Collectors Value Guide: Neutrowound	May	1985	10
Collectors Value Guide: Pandora	May	1985	10
Collectors Value Guide: Paragon	May	1985	10
Collectors Value Guide: Penn Wireless	Dec	1985	6
Collectors Value Guide: Pilot	May	1985	10
Collectors Value Guide: RCA: Later Radiolas	Jul	1985	9
Collectors Value Guide: RCA: Mfg. by General Electric	Aug	1985	6
Collectors Value Guide: RCA: Mfg. by Westinghouse	Aug	1985	6
Collectors Value Guide: RCA: Mfg. by Wireless Specialty	Aug	1985	6
Collectors Value Guide: Rippper Bros.	Dec	1985	6
Collectors Value Guide: Silver Marshall	Dec	1985	6
Collectors Value Guide: Sleeper Radio Corp.	Dec	1985	6
Collectors Value Guide: Sparton	Dec	1985	6
Collectors Value Guide: Splittorf Electrical Co.	Dec	1985	6
Collectors Value Guide: Stewart-Warner	Feb	1986	5
Collectors Value Guide: Stromberg-Carlson	Feb	1986	5
Collectors Value Guide: TELMACO	Dec	1985	6
Collectors Value Guide: Thermodyne	Feb	1986	5
Collectors Value Guide: Tuska	Feb	1986	5
Collectors Value Guide: U-S-L Radio	Feb	1986	5
Collectors Value Guide: Western Coil & Electric	Feb	1986	5
Collectors Value Guide: Western Electric	Feb	1986	5
Collectors Value Guide: World Radio	Feb	1986	5
Collectors Value Guide: Wurlitzer	Feb	1986	5
Collectors Value Guide: Zenith	Feb	1986	5
Console Radio Review	Jan	1986	5
Console Radios - An Inexpensive Collectible	Aug	1985	5
Converting an Atwater Kent Model 61 (DC Set) to AC Operation	May	1987	4-5
Crosley Pup	Sep	1987	8-9
Don't Turn Your Back On a Junker	Mar	1986	6-7
DXing with an Atwater Kent Model 10	Dec	1985	7
Early Wireless Receiver Photos	Jan	1987	13
FADA Bullet Musical Toy	Oct	1987	5
Freed-Eisemann and the Neutrodyne	Sep	1987	4-6
Heinrich Hertz - Part I The First Experiments	Nov	1987	12-13
Hertz - The First Experiments (Letters to Editor)	Dec	1987	7
Hints & Tips: Glass Engraving	Jan	1986	11
Hints & Tips: Grid Leak Restoration	Feb	1986	9
Hints & Tips: Horn Speaker Restoration	Dec	1985	21
Hints & Tips: Silver Plating	Dec	1985	20
Hints and Tips	Sep	1986	12
His Master's Voice Had a Mighty Big Boat	Apr	1985	10
Hotwater Bent Radio Compact Model 1922 B.C.	Mar	1985	12
Just Another Radio Collector?	Feb	1986	3
Manhattan "B" Rectifier Replacement	Jul	1986	6
Microphone Museum Photos	Apr	1985	9
Misc. Photos	Aug	1985	8-9
My Radios Don't Make Any Sound	Jul	1985	8
NAB Radio's Mr. Microphone	Apr	1985	8-9
National HRO Receiver Survey	Jun	1987	21-24
Now You Know	Apr	1986	9
Owner Safety and the AC-DC Radio	Oct	1987	12-13
Part I. The British Crystal Set	Dec	1986	4-6
Part II. The Technology of British Crystal Sets	Jan	1987	6-8
Part III. Operating a British Crystal Set	Mar	1987	4-5
Part IV. Finding a British Crystal Set	Apr	1987	4-6
Proposed Communication Regulations in 1919 (cartoon)	Apr	1985	1,18
Radio Book Bestsellers	Mar	1987	12
Radio Book Bestsellers	Jun	1987	12
Radio Book Bestsellers	Oct	1987	5
Radio Club Information: British Vintage Wireless Society	Apr	1987	6
Radio Club Information: Northland Antique Radio Club	Aug	1986	5
Radio Club Information: Pittsburgh Antique Radio Society	Jun	1986	9
Radio Club Information: Puget Sound Antique Radio Assoc.	Jan	1985	15

CLASSIFIED ADVERTISEMENTS

WANTED: Power supply for Zenith Model #35 PX. John Swartz, Box 651, Chillicothe, MO 64601. (816) 738-4785

FOR SALE: Television: Philco H-2010, earliest transistorized, mirror screen, excellent condition, leather case - \$99. Shipping - \$6. Brazeau, 1145 Foxfire, Kernersville, NC 27284

FOR SALE: Rider's transistor radio manuals - \$3.50 ea. Rider's TV manuals 3, 4, 5 - \$15 ea. Stock certificates: Western Union - \$5, Collins Radio Co. - \$20, Jefferson Travis Radio Mfg. Co. - \$5, Sentinel Radio Corp. - \$10. Radio Boys, Radio Girls books. Many technical books. LSASE 44c. J.J. Papovich, 216B Broadway, Westville, NJ 08093. (609) 456-4079

WANTED: Telegraph key, Signal Corps U.S. Army Order No. 7062 - cash or trade. Michael Payne, Rt. 5, Box 796, Alvin, TX 77511

FOR SALE: Five-band English Pye 6-tube PE94MB9/LW, excellent condition - \$80 plus shipping. Bernard Hassab, 2725 Mall Dr., Sarasota, FL 34231

WANTED: Disney/Spielberg screenwriter wants Charlie McCarthy radio for musical inspiration. Gary K. Wolf, Box 436, Harvard, MA 01451. (617) 456-3874

WANTED: Date sheets or driver circuit for 6AF6-G "tuning eyes." Also looking for Radiola 20. Please contact me!!! Thomas C. Poff, 214A Walnut St., Petalune, CA 94952. (707) 765-2949

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HELP: Recently when rummaging thru an attic, I came across an old standing music box, with records, that takes coins. Does anybody know of an organization or newsletter concerned with the collecting of music boxes? Contact Wm. A. Stokesbury, 305 W. 142nd St., Ocean City, MD 21842

FOR SALE/TRADE: Trade for German equip. H.P. 3311A function generator - \$50. 0-500 volt-meter Rawson Model 508, circa 1925 - \$40. WE hand generator in box - \$75. AK Victor escutcheon, dial, nameplate - \$20. Arvin 8573-1, portable - \$20. Westinghouse H494P4, portable, mint - \$30. Silvertone 7134 - \$20. Brunswick Victrola - \$40. Garrard turntable RC 121/4D - \$10. Pioneer turntable PL-41 - \$50. Hallicrafters S-52 - \$30. Loewe Opta Betta 05711 W - \$30. Grundig 960 V.G.S. - \$50. Leitz Wetzlar Ortholux microscope Serial #741988 - \$300. Eric P. Marx, 2460 Bandon Dr., Grand Blanc, MI 48439

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FOR TRADE/SALE: Stewart-Warner R-113 converter, complete, untested, good condition, for interesting, complete, not necessarily working, communications receiver. John Kelly, 19133 Stedwick Dr., Gaithersburg, MD 20879. (301) 977-9319, work

WANTED: Epey 3" TV, chassis should be in restorable condition, cabinet condition not important - will buy at a fair price or swap. 300 radio items plus several 7" TV's. Tom Romano, 31 Granby Rd., Worcester, MA 01600. (617) 354-9972 days, (617) 797-5753 after 6 pm

FOR SALE/TRADE: Norelco Duo-View Model PA-2A or PA-2AC unused, new in the box - \$80. Contains the complete Protelgram unit. Ralph Larsen, 1604 N. Franklin Pl., Milwaukee, WI 53202. (414) 278-7981 evenings

WANTED: Dud tubes that fit Radiola 3. Pat Cutini, 2114 Main Rd., Corfu, NY 14036

WANTED: Zenith speaker No. 49U208 in good condition with good output transformer. Colin Stump, 412 Ogara, Lancaster, OH 43130

CLASSIFIED ADVERTISEMENTS

WANTED: New or good used H.V. tripler for Advent Videobeam 1000, P#80-000-064. Craig Dawson, c/o Ross Radio & TV, 550 Connellsville St., Uniontown, PA 15401. (412) 437-4280, 9-5

FOR SALE: Two Philco Model #45, one nice, other for parts - \$135 + UPS. Jimmy Downes, 607 East 12th Ave., Covington, LA 70433. (504) 893-7057, eves.

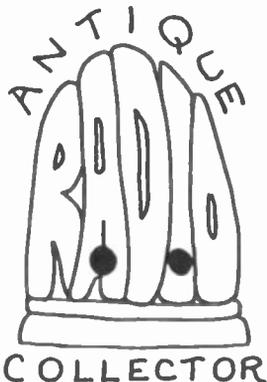
WANTED: Good Federal 61 11-plate tuning condenser, dial, No. 66 audio. Antique tubes. Modern Electric. Marc Gottlieb, Box 1112, South San Francisco, CA 94083

WANTED: Tube tester in working condition with instruction book. **FOR SALE:** Cabinet for Philco Model 42-1010 - \$50 + shipping. Firestone tombstone Model 5-7-G059 - \$80 + shipping. Eric Eikenbary, 210 West Walnut St., Liberal, KS 67901. (316) 624-6874

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National NC 156-1	National 101X
National HRO-7T	Trio R9-4J
Hallicrafters SX 110	Hallicrafters S-39
Hallicrafters S-38B	RME 45
Harvey Wells R-9	Heathkit AR-3
Hammarlund Comet Pro	AK Model 165

Note: All need restoration. For info. write: James B. Bamberg, K4UBF, 6701 Starcrest Dr., Charlotte, NC 28210. (704) 552-2974. *Proceeds go to HANDI-HAMS, the organization of able-bodied and disabled hams.*



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Dick Kaduce, 940 Gilbert St.
Eau Claire, WI 54703. (715) 834-6020

CLASSIFIED ADVERTISEMENTS

FOR SALE: Tubes testers: Knight, Model KG-600B, excellent - \$35. Weston, Model 777, good condition - \$25. Realistic, Model 105, new condition - \$15. Please add 20% to cover parcel post shipping. Will consider items of equal value in trade. **WANTED:** Two of each of the following tubes: #6H7S, #6G7S, #35/51, #19. Five tube shields for Canadian Majestic Model 20. 2" O.D. Ernest D.M. Yeaw, RR#3, Tatamagouche, Nova Scotia, Canada B0K 1V0. (902) 657-2554

WANTED: Crosley D25-BE. Speaker for Gloritone (USR & T) Model 26. Speaker for Philco 20. Dick Kaduce, 940 Gilbert St., Eau Claire, WI 54703

FOR TRADE: I have a wood front Crosley 51 that I will trade for a red metal Hopalong Cassidy in good condition. Richard Arnold, PO Box 275, Lone Grove, OK 73443. (405) 657-3319

WANTED: Aircraft radios. Philco transistor radios. Anything McMurdo Silver. Send description and price. James Treherne, 11909 Chapel Rd., Clifton, VA 22024. (703) 830-6272

FOR SALE: Two Ocean Hoppers, one working, one repairable, 7 coils, all - \$50 + \$10 UPS. Write for details. John Hancock, 808 14th St. SW, Puyallup, WA 98371

WANTED: Dial pointer, phone condenser, two binding posts for Crosley 52SD. Will pay top dollar for any AK breadboard, complete. Dave McClellan, W6SQV, 1086 Trailridge Ln., Atlanta, GA 30338. (404) 399-6704

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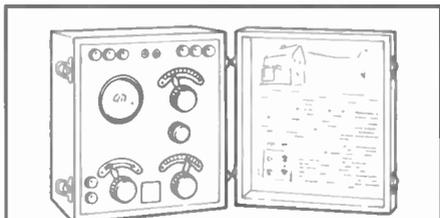
WANTED: Roll chart, Hickock 6000 A, 1967 or earlier, new or almost, mounted on plate preferred. Art B. Corbus, 5704 11th Ave. NW, Seattle, WA 98107

FOR SALE: Precision Ace Type V with BB Cunningham C-12, extremely clean, exc. original condition - \$200. Aeriola Sr. with BB Radiotron WD-11, vg condition with interior instruction card - \$175. Eagle Neutrodyne, vg condition - \$85. Steinite AC set, vg condition, with tubes, similar to AC Radiola sets - \$110. Grunow 502 Art Deco tombstone Farm Set, good cond., sharp design - \$65. Zenith tombstone Farm Set, small, vg cond. - \$40. Silvertone 6220A semi-tombstone Farm Set, vg cond. - \$40. Philco 38-10 Art Deco set, totally restored, very sharp - \$175. Emerson 520, orange and brown swirled Catalin, ivory grille, light blue dial, exc. cond. - \$150. Hallicrafters Continental portable, two band - \$45. Emud Rekord Model 196 Junior, vg cond. - \$85. Nordmende Sterling Kadett, German, 3 band, vg cond. - \$85. Lucaro Model 66, Italian, 3 band, vg cond. - \$60. Telefunken Jubilee, German, 2 band, vg cond. - \$60. Philips Model 4A, French, 3 band, vg cond. - \$60. Farnsworth AT50 semi-tombstone, 2 band, push-button tuning, about 1938 - \$40. All above plus shipping. Send SASE for large list of radios and related items, 1920's-1950's. **WANTED:** Zenith 6D311 and 6D315U bakelite sets. Cathedrals, tombstones and unusual bakelite sets. Steven Caiati, 1702 W. 7th St., Brooklyn, NY 11223. (718) 375-7997

WANTED: Chassis for Kennedy 311 portable or swap nice cabinet. Have Macintosh MC 75 and MC 40 amps. Like to have matching pair so will swap either to get a match. Michael Payne, Rt. 5 Box 796, Alvin, TX 77511

WANTED: Automobile radios and related parts, literature, knobs, vibrators, etc. Send description, price. Dan & Bernie Schulz, Antique Auto Radio, PO Box 892, Crystal Beach, FL 34681

FOR SALE: 20CP4 picture tube - \$15. Al Smith, 25 Stonehedge Rd., Lincoln, MA 01773. (617) 259-9351



WANTED: Will anyone who has the above set (DeForest 1-tube "RADIOHOME") please contact me about selling or swapping for it. I have ready cash or many interesting trade items. Please help me out. Dave Crocker, 6 Old Farm Rd., Duxbury, MA 02332. (617) 585-5650

CLASSIFIED ADVERTISEMENTS

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

WANTED: Macintosh 100 watt per channel amplifier and preamplifier. Prefer them in working condition. Send info. of model numbers, condition and price to: Dan Aikens, 3627 North Sepulveda Blvd., Manhattan Beach, CA 90266. (213) 545-8762

FOR SALE: AK 20 Big Box - \$20. AK 20 Big Box - \$50. AKL chassis - \$50. AK H horn - \$55. FADA 170-A Neutrodyne - \$20. FADA 1000 red bullet - \$225. Hallicrafters Sky Buddy - \$50. Hallicrafters S38E - \$30. Hallicrafters S94 - \$20. Peerless reproducer, unknown - \$35. Philco 89, bad cabinet, nice - \$45. Zenith H500 - \$35. Zenith 5D119(?) black dial - \$40. **WANTED:** Desperately need any Lincoln radios or parts from 1930-1935. None found as of yet! Please help! Craig Korpak, 2542 Tuson Dr., Apt. 2C, Drayton Plains, MI 48020. Toll-free call! (800) 338-2299, ext. 6081, days

WANTED: Need: Kennedy V cabinet. Small Tuska knob/pointer. Crosley Widget knobs. **FOR TRADE:** RCA, Federal, AK, Crosley parts, Aeriola boxes. Merrill Bancroft, 169 S. Row Rd., Townsend, MA 01469

FOR SALE: New GE receiver, TV tubes (no picture). Two stamps for 6-page list. Also have Amateur Radio, Broadcast - list one stamp SASE. R. Olmsted, 608 W. Thompson Ln., Murfreesboro, TN 37129. (615) 893-5344

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8, 56, 60, 102 Portable
Amp. for Federal Jr. Crystal Set

RCA

RD (Resistance-coupled "DA")
RT Antenna Coupler
ER-753 Crystal Set, DB Crystal Detector

GREBE

CR-3A, KT-1 Portable
Coils for RORN, Coils for CR-18
RORA, RORC, RORG, RORL, RORJ
RORD with external rheostats

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.

Call and surprise me; make my day!
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Carlisle, MA 01741 - (617) 369-9770

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WANTED: 182B Spartan globe tube. GT5 annular (bullseye or ring like) display eye tube. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

FOR SALE: Trans-Oceanic 7G605 airplane speaker - \$50 + UPS. Daryl Jorud. (218) 864-5725

FOR SALE: Seven early phone plugs & 12 jacks - \$15. WWII S-7 speaker - \$15. 800 tubes, 1930-1960 - \$250. F.W. Chapman, 1130 N. Lake Parker Ave., Apt. B-218, Lakeland, FL 33805

WANTED: Radio News for Dec. 1921, May 1934, Nov. 1935, Dec. 1936. Richard C. Foster, 12 Shawmut Ave., Cohituate, MA 01778. (617) 655-2056

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

WANTED: 100 time delay, 1 sec. to 5 sec. on operate, 120 volt AC, 10 amp SPDT contacts, relay w/octal base. Ted Youngman, 2225 Vigo St., Lake Station, IN 46405

FOR SALE: Kolster Decremeter Model D, Serial #30; complete with coils, meter, crystal, buzzer and two Radio Inspector checks, circa 1925; case needs replacing - offer? Wes Chatellier, W5DPM, 1950 Chevelle Dr., Baton Rouge, LA 70806

WANTED: RCA BP-10 battery radio. Norm Borenstein, 5406 Hayes St., Hollywood, FL 33021

FOR SALE: Early round tops, N.I.B.: Five 245's - \$15 ea.; seven 224's - \$3 ea.; five 227's - \$3 ea.; one 171A - \$6; one 238 - \$3; one 381 - \$10. Parts: BMS crystal detector/bent nameplate - \$5. Two early lightning arrestors - \$5 ea. Two RCA UR 1146 wave traps - \$5 ea. Two Benzamin 5-pin sockets with thumb screws - \$5 ea. Two Hammarlund #3148 RF choke coils - \$5 ea. Radios: RCA 15X bakelite; Stewart-Warner R-1802-A; 1933 Silvertone battery set, chassis & speaker only - \$5 ea. The following are in very good to excellent condition: Arvin 741T bakelite - \$10, Teletone wooden table radio - \$20, Philco 40-120 - \$20, Motorola portable 5P23 - \$20, Admiral 5G31 - \$15, RCA 65Y1 bakelite - \$20, Silvertone 7055 Radionet - \$50. The following are in fair to good condition: Silvertone 1850 tombstone - \$20, American Bosch TRF - \$25, Crosley Art Deco clock radio D-25-GN - \$15, Jewel clock radio 935 bakelite - \$10. Plus UPS on all items. SASE. Neil O'Donnell, 1809 Sampson St., Butte, MT 59701. (406) 494-8162

WANTED: General Radio Type 247 panel-mounting condenser with geared vernier, cap. .0005. Neil Spencer, W4PC, 4665 75th Ave. N., Pinellas Park, FL 34665

CLASSIFIED ADVERTISEMENTS

WANTED: Old jukeboxes. Will travel within 500-mile radius. Photos are helpful. Kim Gutzke, 7134 15th Ave. South, Richfield, MN 55423. (612) 866-6183

FOR SALE: This bulletin contains the complete list of Philco black bakelite By-Pass condensers, new universal types, discontinued types with replacements, and condensers with internal resistors – \$1.50 ppd. Lee Williams, 7301 N.E. 175th St., Bothell, WA 98011

WANTED: Information on Radio City Products Model 447B multimeter, age, instructions for operating. Robb Leamy, WB8BHU, 1588 Cobblegate Ln., Reynoldsburg, OH 43068

WANTED: Spy radios, manuals or components of spy radios. Especially interested in SSTR-1. Gary Cain, 1775 Grand, #302, St. Paul, MN 55105

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BEFORE RATES GO UP!**

Details on coupon opposite page 30.

FOR SALE: Battery and electric radios from early 1920 thru mid-1930's (no Catalin or Art Deco). SASE. **WANTED:** Ace radios made by Precision Equipment dated 1922 or earlier. Craig Ball, 10101 Oak Hollow Cir., Austin, TX 78758. (512) 835-7292

HELP: My first radio was a Knight-Kit 2 transistor BC portable. I'll pay cash or trade to get another one. Also want matching speaker & Xerox of owner's manual & ads for Zenith 33 X. Robert Lozier, 600 E. Green St., Monroe, NC 28110. (704) 283-2638

FOR SALE: Parts, kits, plans. We have hard to find parts! Air variable tuning capacitors, tuning coils, crystal headphones, germanium diodes, shortwave, crystal, CB radio kits (no soldering). Very inexpensive. Send large SASE for catalog. Yeary Communications, 12922 Harbor, #800A, Garden Grove, CA 92640

WANTED: Complete dial for S38E Hallicrafters. Will buy complete radio to get dial. Please if you have one, I need it bad. Chuck Humphreys, PO Box 598, New Haven, WV 25265

FOR SALE: Tesla coil, tabletop unit with output coil 12" high, produces 4" to 5" sparks, powered by standard 120 vac, 60 cps. – \$225. **WANTED:** Knife switches, large and small, old meters and tech books. H. Andreoni, 250-E So. Lyon Ave., Hemet, CA 92343

WANTED: AK breadboards, Complete, partial, basket cases. Please describe & price if possible. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

CLASSIFIED ADVERTISEMENTS

FOR SALE: Antique radios, crystal sets, horn spkrs., misc. items. SASE for four-page list. Jim Weil, 15915 Armada Ctr. Rd., Romeo, MI 48065. (313) 784-9860

WANTED: Marconi, Zenith. New collector seeks consoles, mantels, plastics, literature. Klaus Beckmann, General Delivery, Tofield, Alberta, Canada T0B 4J0. (403) 662-3518

FOR SALE: Rider's radio manuals No. 1 through No. 20 – \$300. Rider's radio manuals 6, 7, 8, 9, 10, 11, 12, 13, 17 – \$18 ea. Rider's Indexes, six in all, No. 15 through No. 20 – \$10 ea. Sams Photofact Sets, No. 100 through No. 1210, approx. 800 sets – \$400 or BO. + shipping. Many Rider and Sams books. J.J. Papovich, 216B Broadway, Westville, NJ 08093. (609) 456-4079

WANTED: Morris coil winder instruction sheet or a copy. R. Chenez, 36 Ridgewood Ln., Apt. 1, Gardner, MA 01440

FOR TRADE: Rider's Volume 3 for Rider's Volume 5. P. Burton, 39 E. Walnut St., Belchertown, MA 01007. (413) 323-5019

WANTED: Crosley Wiget, Elf, Super Buddy Boy and World globe radios. **FOR TRADE:** Two bullets – yellow and red, maroon and gold. Emerson 520 and 511. Viz, bright red plastic with maroon dial and knob. Zenith M403, pink plastic with chrome grille. Arvin mirrored glass, not colored. May consider best offers if no trades available. Rod Stidham, 4011 So. 286th, Auburn, WA 98001. (206) 854-4874



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FOR SALE: Philco 53-960, 9-band table radio, mint - \$75. Philco A-801 Deco Chairside - \$75. RCA 100A, vgc - \$25. Grunow, Temple consoles - \$20 ea. Broadwood 8 1/2' grand piano - \$900. 8 rank tracker organ. Call Akron, OH. Bill Wiley. (216) 867-7505, eves.

WANTED: Radios built in foreign countries. No German or English, except Ekko. Randy King, 3017 Orwell St., Lincoln, NE 68516. (402) 423-9621, mornings

FOR SALE: Crystal set & phones - \$45. 32v Midland Farm Set - \$25. RCA Victor tombstone BT6-5, exc. - \$80. Sparton console chassis #930? - \$20. Heathkit amp #A-9 - \$20. RCA Victor bakelite radio-phonograph, works, #9-Y-510 - \$35. Zenith bakelite AM-FM - \$25. AK 60 metal case - \$50. Radiola 100 speaker - \$25. Airline, drum tuning, with eye, wood case, nice - \$35. AK speaker F-4-A - \$30. Zenith Universal long-distance portable 6G601M - \$35. Air Castle bakelite - \$25. Philco, Tambour, portable, 46-350, nice, works - \$30. Zenith Trans-Oceanic #8G005YT - \$55. All plus UPS. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635, after 5 pm PST

FOR TRADE: My Crosley Oracle for your Crosley Elf or Wildget. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

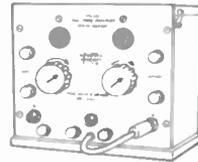
WANTED: Will the person who called me about silk-screened repro dial glass for DeWald A501 please call again. Randy King, 3017 Orwell St., Lincoln, NE 68516. (402) 423-9621, mornings

CLASSIFIED ADVERTISEMENTS

FOR SALE: 1947 Philco projection TV - \$450. Steve Puntillo, 1911 Rowley, Madison, WI 53705. (608) 233-1569

WANTED: Emerson Midgets, 1929 Enfant and 1932 (?) Model 25. Richard Arnold, PO Box 275, Lone Grove, OK 73443

FOR SALE: Crosley Model 635 chassis w/spkr. Zenith Model 5808 chassis w/spkr. & wave magnet. Eico Model 955 in circuit cap. chkr., N.I.B., no probe. Meissner Model 9-1065 phono-record cutter, radio. Stewart-Warner Model 350 cabinet w/spkr. Hammarlund Comet Pro AVC 1933. Hartman Electric Co. Model 10-B cabinet. Kolster 6D. Thordarson condenser chkr. Majestic G-2 spkr. Two brown horns, English, no drivers. Sky Rover, early AC set. AK Type H chassis. All American Mohawk Model 70, 73, 75 chassis. **FOR TRADE:** Radiola II for Pilot Super Wasp battery set. Carl Bocock, 414 Brookside Terr., Moore, OK 73160. (405) 794-8033



HELP: My wife wants this project finished! (Make her day.) We have an empty Kennedy 521 amp. We need panel, knobs, sockets, anything! Will buy or trade. Please write. Dave Crocker, 6 Old Farm Rd., Duxbury, MA 02332. (617) 585-5650

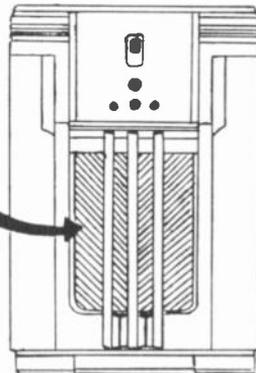
WANTED!...

I need two items to complete two restorations of two very nice radios.

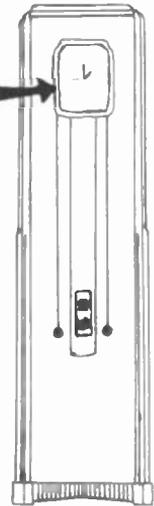
IF YOU HAVE EITHER ITEM OR BOTH AND WILL SELL, PLEASE CALL OR WRITE. THANK YOU.

Speaker cloth, in good condition, for a Philco Model 16X Console Radio (the cloth has a V pattern on it)

A clock (working or not) with hands and face for a Westinghouse Model WR-15 Grandfather Clock Radio



PHILCO MODEL 16X



WESTINGHOUSE MODEL WR-15

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612-434-4444

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FOR SALE: Hammond Novachord Model H – \$500. Federal Orthosonic Type C – \$50. Scott Philharmonic tuner, chassis only – \$125. Victrolas: Model VVX – \$65; Model VV 230 – \$150. Heathkit transmitter DX 100 – \$35. Two Philco projection TV's, Model 48-2500, with paperwork – \$100 and \$150, or \$200 both. Singer projection TV Model 3PA3, uses Philips system, guts only, with paperwork – \$95. Mark Pommerenck, 5266 Merrill Rd., Holley, NY 14470. (716) 638-5196

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

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

FOR SALE: Supreme Publications, most often needed diagrams: Radio 1950 thru 1957, 59, 66, 67; TV 57, 59, 63 – \$5 ea. Catalogs: Concord Radio and TV, 1950 – \$7. Radio and SW Treatise, 1934 – \$7. Servicing with set analysers, 1937 – \$5. All items include postage, will trade above items for bakelite radios. Robert Sukosky, 62 Strong St., Manchester, CT. (203) 646-8857

FOR TRADE: My FADA Catalin for your 3 Zenith consoles. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

WANTED: Repairable Philco Predicta. Also, Edison Diamond discs. J.L. Myers, 1010 Graybar Ln., Nashville, TN 37204. (615) 297-5886

CLASSIFIED ADVERTISEMENTS

WANTED: Crosley 51, 52, Trirdyns, etc. Must be working and in excellent condition. William Smith, 16001 Dusty Ln., Accokeek, MD 20607.

FOR SALE: Xerox copies operating instructions and station log for Zenith chassis 1203 receiver – \$2 ea. plus postage. Donald J. Sochurek, W191, S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

WANTED: Red Hopalong Cassidy, blue or gold 01-A tubes. **FOR SALE/TRADE:** AK 44 and Crosley 5-tube 5515 chassis. Richard Arnold, PO Box 275, Lone Grove, OK 73443

FOR SALE: Still have two Radiola III's, no tubes, good condition, with operating manual copy – \$50. Francis Emrich, 441 Swaggertown Rd., Scotia, NY 12302

WANTED: Hallicrafters S-40, S-40A or S-40B. National NC-57 or NC-57B in good condition and fair price. Beni F. Mendez, KP4DN, 1674 Atlas St., Summit Hills, PR 00920

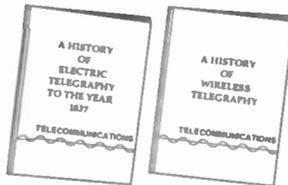
FOR SALE: Large electric postal telegraph clock, 20" dia. – \$75. Western Electric 522 CW driver unit on base 1918, unusual – \$60. Kellogg & Marvin 401 & 403 tubes, some in boxes – \$15 ea. Dictograph phono unit driver – \$20. Arcturus blue tubes 127, 124, 56 – \$15 ea. Edison standard cylinder phono, 2 & 4 minute, with large 30" brass horn – \$450. Edison Gem cylinder phono with small horn – \$400. Many early meters & galvanometers. Richard Cane, 8391 NW 21st St., Sunrise, FL 33322. (305) 741-6838

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FOR SALE: Ghirardi Physics Course, warped front cover - \$6. Mint shock box by Signal Mfg. of Menominee, Mich. Beautiful dovetail cabinet with nickel plate. Electrodes with original pads and instructions in top cover - \$135. Rider's 6 thru 13 - \$100. Small metal-enclosed telegraph set, Signal Corps TG5B, key mounted inside hinged front cover, buzzer and bell - \$45. All plus UPS. **WANTED:** One or more knobs for AK 559 console. Zenith ant. coil S6327 for 1206 or 1502 chassis. Gene Claus, 2305 W. Rice, Sioux Falls, SD 57104. (605) 332-3747

WANTED: Four tube covers for Advance Neutrowound. Jerry & Debbie Schliepp, 831 Old Berlin Rd., Ripon, WI 54971

FOR SALE: Send SASE for our large list of radios, speakers and related items now available, 1920's-1950's. Send your want list, and we'll track 'em down for you. Steven Calati, 1702 W. 7th St., Brooklyn, NY 11223

WANTED: Scott Napier exposed chassis console. Cash and/or quality trade. Scott Hagerman, 392 Ann St., Cary, IL 60013. (312) 639-7745

FOR SALE: Large number N.O.S. and used eye tubes. SASE for list. Jon Lane, 913 Elliott, Grand Haven, MI 49417. (616) 842-4036

WANTED: Model number and any info on receiver made by E.M. Sargent Co., Oakland, Ca. Superhet, tuned 10 kHz to 30 MHz. Still looking for RMCA AR 8510. W. Britton, 225 So. 17th St., St. Helens, OR 97051

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FOR SALE/TRADE: Now accepting trade/cash offers for early coherer rcvr. and matching spark xmtr. Same as p. 21 in Radio! Radio!, except sold by Morse-Shreib of Germany. Also see rcvr. in Greenwood p. 9 and V.R. p. 165. Also includes wooden covers. Richard Groshong, 6604 Kent Dr. NE, Cedar Rapids, IA 52402. (319) 377-3144

WANTED: Cabinet with good front for Philco 70. Green knobs for Bendix 526C. Small black knobs for Freshman Masterpiece. Mark Vanyush, 10 Cobb Rd., Milton, VT 05468. (802) 893-1685

FOR SALE: 630 TV chassis, tubes, parts. Must sell! Cheap! Al Smith, 25 Stonehedge Rd., Lincoln, MA 01773. (617) 259-9351

WANTED: Dial glass for RCA K 80 console radio. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: Does anyone know where I can purchase grey hammerloid paint in a spray can? Benedict A. Vanyush, 2 Pinehurst Ln., Shelburne, VT 05482. (802) 985-8316

FOR SALE: Atwater Kents. Lot early radio magazines. Paragon RA 10. Quantity 211 tubes. R3 speaker. HRO 50. HRO 60. Hallicrafters 7" TV, has channel 1. CX 12 tubes 40B, NC101, HRO 5. Silver Marshall. Davco DR30. Radiola 3 and 3A. Grandfather clock radios. Steinite beehive. DeForest, Taylor tubes. Gonsel Communicator 3. Speaker Radiola 100, 103, 100A. D104 mike. **WANTED:** Philco 90 chassis. AK 84 cabinet. Breting. Howard. Patterson. 75A4. Rcvsr. Early Nationals. Early 3-tube rcvrs. Early xmtrs. Home brew rcvrs. SX28, SX16. Omni D mike. BC342. SX111 glass dial. Real early Collins gear. Bugs. Keys. Automatic keys. Early call books. Joe Szabat, W3LST, 228 Plummer, Oil City, PA 16301. (814) 677-4042

WANTED: Air King colored plastics and Emerson small tombstone, pay - \$1800+. Prewar British and German radios & tubes. 1936 RCA tubular chrome sets. Arvin Rhythm King. 18-tube Mid-west. Original Philco 90. Zenith 12 + tube, 1934-38. GE grandfather clock radio. Radio-Glo Melody Cruiser. Colonial globe radio. Speaker for Dahlberg Pillow spkr. radio. Zenith Oceanic R7000. 1960's audio components (Regency, Fisher, Marantz, etc.). \$3000+ for Marantz 9's. Edw. Schneck, 1401 Ocean Ave, Brooklyn, NY 11230. (718) 377-7282

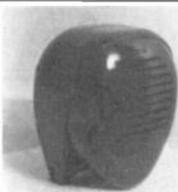
FOR SALE: Bendix Model 526 radio, green & black plastic, complete, original, very good cond., no chips or cracks, plays fine, asking - \$575. Fred Kaepffel, 209 Cherry, Port Byron, IL 61275. (309) 523-3427, eves.

CLASSIFIED ADVERTISEMENTS

WANTED: Quality photographs of wireless and radio components to about 1950. Buy or trade. Henry Davis, K4IM, 1209 N. Market St., Dayton, TN 37321. (615) 775-4026

FOR SALE: Capehart Model 110-6 record mechanism missing, otherwise complete, solid mahogany - \$300. Capehart cabinet only, Model 402-C - \$150. Coca Cola cooler - \$475. TV's RCA table model 9-T-240(K) - \$100. RCA console, late 40's - \$125. Delco push button, cab. very poor - \$75. Admiral 7" - \$45. Jack Sacra, 1720 Solomon Rd., Charlottesville, VA 22901. (804) 293-9985

WANTED: Audio transformers wanted: Rauland, All American; DeForest A-50; Crosley. Jim Collings, 12005 Victoria Pl., Oklahoma City, OK 73120



WANTED: Zenith radio nurse as pictured above. Top price paid. E. Brill, 144 Old Post Rd. South, Croton-On-Hudson, N.Y. 10520. (914) 271-5748

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

THIS BOOK WAS FREE in 1928! "The Story of the Mercury Super Ten," 36 pages, 8 1/2" x 5 1/2". Quality reprints are U.S. \$4.50 ppd. from Bob Murray, 3216 Assiniboine Ave., Winnipeg, Manitoba, Canada R3K 0B1

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

WANTED: Paying immediate cash for TRUE-TONE (Western Auto) AC Radios, Models D711, D901, D911, D930, either chassis models number 209E or 210E are OK; chassis or complete sets, working or not. John Gough, Sr., 2109 James Dr., Marrero, LA 70072. (504) 341-2887. Call collect.

CLASSIFIED ADVERTISEMENTS

WANTED: Help! I need schematic and/or alignment procedure for Racal #RA17 (-C12A) 22-tube HF receiver. P. Currie, RR1 Box 77, Denmark, ME 04022

FOR SALE: Zenith 65-321 table model, rebuilt - \$165. AK 185A tombstone - \$160. Zenith 55-29 - \$160. Novelty transistor Chris-Craft-type boat radio, early 1960's, with base, red & white, excellent cond., 8 1/2" long, Japanese - \$75. Stromberg-Carlson 240R half-round console w/ push buttons, very good condition - \$475. Dahlberg Pillow speaker for bed radio, excellent condition - \$30. Manuals: N.R.I. #1 - \$35; Radiotron-Rider #3 - \$35. Rider #4 - \$25; Rider #6 - \$15; Edison R-5 - \$125. **WANTED:** Power supply chassis for Philco 38-690. Zenith speakers: 1400 ohm 12" & 5000 ohm 6"; original wooden black knob or knobs, or photo of same. Will deliver large items to Chicago, Elgin or Canandaigua. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489

WANTED: Coils for National SW-3. Cabinet (BC-14 box) for SCR-54. David McKenzie, KØSVJ, 516 South Exeter, Eustis, FL 32726. (904) 589-0149

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

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

CLEARANCE: 1988 Vintage Radio Calendar, color pictures of 12 classic radios - \$4.75 ppd. List of Radio Magazines - SASE. Bill Rolf, 30131 Center Ridge, Westlake, Ohio, 44145

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

TIE CLASPS & LAPEL PINS, radio related. Philco, R.C.A. & more. Send L.S.A.S.E. for illustrated list. Michael Sabodish, 11-A Matawan Avenue, Cliffwood, New Jersey 07721

WANTED: GREBE THUMBWHEEL FILAMENT RHEOSTAT (used on CR series). Does someone out there have a junker Grebe? I need the metal half ring that holds the resistance element, and any other pieces. Sherman Wolf, 154 Wells Avenue, Newton, MA 02159. W/617-969-6412, H/603-673-9526

CLASSIFIED ADVERTISEMENTS

FOR SALE: Radiola 41 cabinet, mint, or will buy chassis & speaker. Radiola 33, two. Kolster 6D & 8C. Wurlitzer #2100 1958 Olds transistor/portable. Capehart 111 kZ w/red label speakers. Roberts 1/2 track, 2 pc. stereo. WE rack-mount dummy line. GE tombstone E71, 2 band, fair. Six 1 each 9/16 & 3/4 black Spaulding fiber & 1 1/4 to 2 1/2 OD tubing. National 6 band, 15 to 620 Kc. **WANTED:** Two Heinz Ford T coils. Magnavox R2 socket ring only. Cover latches for AR 1400. Synchrophase bi-ocular coils & cabinet hinge 17 1/4 w/11 holes. John A. Myers, Box 98, Wilson, NY 14172. (716) 751-6053, eves.

FOR SALE: Photo copy reprint of 4-page Hartman scanning disc television catalogue - \$1 and SASE. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145

FOR SALE: Stan's Surplus Stuff listings of parts, tubes, radios, literature, etc. is expanded due to addition findings which won't fit storage available. Many new parts: pots, test equipment, books, coil forms, and more. 25¢ LSASE. Stan Lopes, KB6LGV, 1201-74 Monument Blvd., Concord, CA 94520

WANTED: McMurdo Silver Model 801 regen. Heath K-1 All Wave regen. Name your price. Pete Curry, 1040 Harbour Dr., Palmyra, NJ 08065. (609) 786-1218

WANTED: Audio devices (audiotape) colored tape reels from the 1950's. Bruce Leslie, Pro Recording Service, 13709 Maple Leaf Dr., Cleveland, OH 44125. (216) 662-1435

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FOR SALE: Excellent selection - wood horizontals, plastics, from 30's-40's-50's; some cathedrals, tombstones. SASE. Ripley, PO Box 9374, North St. Paul, MN 55109

WANTED: Pre-1955 televisions, television cameras, television sales literature, owner's manuals and service manuals. Richard Anthony, 2551 Andler Rd., Placerville, CA 95667

FOR SALE/TRADE: Scott Philharmonic in Chipendale Grande cabinet - best offer. Trade considered for Catalin radios. Anthony Scarfoglio, 13 4th St., Brooklyn, NY 11231. (718) 858-1231

WANTED: WWII German communication radio equipment and any other WWII German electronic equipment, optics, mine detectors, movie cameras, or German or U.S. microphones. Steve Puntillo, 1911 Rowley, Madison, WI 53705. (608) 233-1569

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WANTED: Need ASAP new source for 500 & 5,000 pf., 6,000 volt caps as used in old TV's. Robert Lozier, 600 E. Green St., Monroe, NC 28110. (704) 283-2638

FOR SALE/TRADE: Rider's 12, 13, 15; all in great shape. Freshman Masterpiece with built-in horn, bad audios, horn works, nice cabinet - \$60. **WANTED:** Rider's 2, 3. Good driver or whole speaker for small (9 1/2" dia.) Sonochorde cone speaker. Freed-Eisemann 1st audio hardware (metal band that says "Freed-Eisemann" and "First Stage," and screws) for radios using Amertran AF-6 audios. I don't need the audio, just the hardware. Radiola 3 or 3A cabinet screws or a source to find some. Feet for Grebe AC-6. Two Eveready 772 B-battery or similar old, thin 45-volt battery for display. Henry Brown, 2 Central Ave., Morris Plains, NJ 07950. (201) 538-2014

WANTED: Rider's basic tech books from about 1960, complete volumes. Physics by Alexander Efron, Mathematics by Norman Crowhurst, Audio by Norman Crowhurst, Television by Alex Schure, Radio by M. Tepper. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 866-6183

WANTED: Good or repairable IF transformers for Clarion Model AC 260. Linus Brown, R#2 Box 49, Wapakoneta, OH 45895. (419) 738-8069



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WANTED: Knight-Kit SpanMaster regenerative SW receiver, ca. 1960's, or similar. Jon Matthews, KL7JCO, 1144 Dolores Way, Sacramento, CA 95816. (916) 739-8932

FOR SALE: WE 300 - \$50. AK 145 - \$90. Crosley Buddy Boy - \$250. Echophone S4 - \$150. Zenith 5R135 - \$75. Aeriola Sr. - \$125. AK L horn - \$50. Philco 16 - \$75. RCA 120 - \$175. RCA 96-T4 - \$30. RCA T4-8A cathedral - \$55. Sentinal swirled bakelite - \$20. Westinghouse H-204 - \$20. GE-203 - \$25. Freshman cathedral - \$125. DeForest D12 instr. book - \$20. **WANTED:** Philco 60 cabinet or junker set with good cabinet. FADA 43. Cathedrals. Breadboards. Novelty sets. Catalins (lots to trade). Gary Hill, Fireside Wireless, 1507 Ridge Ave., New Castle, PA 16101. (412) 654-9335

WANTED: Original FADA knobs: pr. red 1000, pr. brown 845, one ivory 845. Joe Matuska, 2523 Sunset Blvd., Steubenville, OH 43952. (614) 264-7806

WANTED: For cash: Beta-1000 or 115. Belmont 6D111. Zenith 5R312. Emerson 365, 1940. GE F.B. 52. GE Junior, 1931. FADA 32, 1929. Grunow 1291, 1936/37. Philip Collins, 1965 Rochester Ave., Apt. 201, Los Angeles, CA 90024. (213) 479-0167

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

Bringing a Grandfather or Grandmother Clock Radio to Canandaigua this year? Let me know, and I'll make sure you don't have to lug it back home. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5

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

CLASSIFIED ADVERTISEMENTS

FOR SALE: AK 44 in good working condition - \$75. Crosley Gembox AC set, very dirty, some rust, one knob missing, but only - \$35. Send SASE for new list. Bob Barnes, Box 275, Monroe City, MO 63456. (314) 735-2945

WANTED: Emerson Models AU-190, AX-211, CH-253. Steve Veney, PO Box 129, LaPaz, IN 46537. (219) 784-2890

FOR SALE/TRADE: Have excellent Freed-Eismann NR 20. Need AK 10A 4550 front-end parts. J.M. Hofstetter, Box 4442, Estes Park, CO 80517. (303) 586-8309

WANTED: Five sockets for 215A tubes VR 174 for WE 4D. Loop ant. for Radiola 26. Al Lapekas, 6411 Crestwood, Kalamazoo, MI 49004. (616) 342-8201

WANTED: Scott Philharmonic in Rosalyn Grande cabinet and/or any Scott in Napier console cabinet desired. Top cash paid. Jack Sacra, 1720 Solomon Rd., Charlottesville, VA 22901. (804) 293-9985

FOR SALE: Westinghouse WR-15 grandfather clock. Grunow 1291 console. Silver Marshall 6 leg. Many more. R. Olmsted, 608 W. Thompson Ln., Murfreesboro, TN 37129. (615) 893-5344

WANTED: Zenith transistor Trans-Oceanic models Royal 1000, 1000-D, 3000, 3000-1. Any condition. Gilbert Smith, 248 South 36th St., San Diego, CA 92113. (619) 233-8646

FOR SALE: Phono Needles & Cartridges (ceramic - magnetic). What do you need? J.J. Papovich, 216 Broadway, Westville, NJ 08093. (609) 456-4079.

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

1988 GOLDEN AGE OF RADIOS CALENDAR. Fourteen large portrait quality color photos of Catalin, plastic, novelty between 1933 and 1950. Some sets illustrated are blue-mirror Sparton, Mickey Mouse, FADA Streamliner Bullet, Charlie McCarthy. On sale for \$7.00 (retail was \$8.95) including shipping. Money orders only to: Jim Cirner, 149 Tyler Ave., San Jose, CA 95117

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

CLASSIFIED ADVERTISEMENTS

WANTED: Info on Firestone Air Chief radios S73992. Manuals, etc. Frank Potts, PO Box 4012, Traverse City, MI 49685

FOR SALE: Zenith 6-volt Z4B231 - \$50. RCA 8F43 w/pwr. sft. - \$60. Freshman Masterpiece 3D5T - \$65. Airline 3D5T - \$60. All nice. AK 30, Waltham 1D8T - \$50 ea. Brunswick (H.M. Schwab) kit? 2D3T - \$60. L.S. Colebank, 742 Albany Dr., Bismarck, ND 58504. (701) 258-7646

WANTED: \$75 paid to anyone willing to haul a console from Fallston, Maryland, to general area of Worcester, Mass. Come on, guys, it's light! J.L. Acciavatti, PO Box 231, Southborough, MA 01772. (617) 476-3229, eves.

FOR SALE: UZ 1325 RCA horn speaker, excellent - \$90 plus shipping. Bud Bedker, 66 Clover-side Ct., West Seneca, NY 14224

WANTED: Radionics, electro-magneto-therapy and unusual healing devices. Antique, modern. Examples: Abram's reflexophones and oscilloclasts. Drown's radio-therapy apparatus. Electric-magnetic belts, rings, corsets, medallions, insoles. Hair-growing hats, including Crosley's Xervac. Perkins magnetic tractors. Shaking, electrifying chairs. Electrifying bath. Electric acupuncture. Neurometers. Devices restoring manhood, hearing, sight; removing pain, rheumatism, cancer; hypnotising. Literature. Describe, price. Not interested in common 4D-faradic batteries, "Electreats," UV lamps, Relaxacisors, small vibrators, violet rays. Ole Lindan, 1404 Dorsh Rd., Cleveland, OH 44121

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FOR SALE: Rider's Radio Manuals II, III, IV, V, IX, X, XI, XII - \$125. **WANTED:** Philco 90 cabinet. Frank Brewster, PO Box 615, Baxter Springs, KS 66713. (316) 856-3220

WANTED: Information (schematics, instruction manual, pictures) of General Electric TC-3 tube checker. Phillips AG 1003 automatic record changer, sometimes has Grundig name plate, for parts or in working order, from Grundig console radio/phone Model 7063 W/3D. Please write. A. Kruedener, 161 East 89 St., New York, NY 10128. (212) 831-0662

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P.O. Box 2, Carlisle, MA 01741

FOR SALE: DeForest Interpanel, 11 panel, D10, 12, 17. Rare AC Kellogg tube sets, 401 tubes, more. **WANTED:** WWI equipment, unusual portables & horns. Mel Rosenthal, 5 The Strand, New Castle, DE 19720

WANTED: 1920 issues of Sears Roebuck radio catalogs. Orin W. Bake, 603 W. Chestnut St., Oxford, OH 45056

FOR SALE: HQ-129-X, nice, good working condition w/spkr. - \$65. RME DB-23A preselector - \$19.50. Music Master coiled horn - \$30. Radiola 20 - \$125. Six-page list - SASE & 50¢. Chester Wisner, 1014 Main St., Dalton, MA 01226

WANTED: Copy of instruction/operating manual for Norden-Hauk (Experimenters Information Service, Inc.) Navy C-10 Superhet. Knob w/pointer for filament/plate selector switch for Zenith 4R. 7-pin battery plug for Zenith 4R. Schematic and parts (tube sockets, pots, 1st AF xfomer) source to restore Globe Electric Co. 615 2-stage amplifier. Volume control knob for RCA Radiola 60. Two 3" black bakelite tuning (0-100) knobs for 1/4" shaft. 4-conductor cloth-covered speaker cable (28") for AK 55C. 3-piece 11" O.D. cone clamping ring for AK F4 cone speaker. External battery plug and cable for Radiola 24. Two latch springs and misc. hardware for retaining Scott 800B receiver chassis in cabinet. 2 knobs for on-off/volume and BC/SW band controls on Silver-tone 7036A. **FOR SALE:** GE Type DO 0-75 DC ma meter - \$10. Unique xtal-tuned Motorola Model DS-9660A Conelrad radio - \$40. RCA RGD30E gray plastic 5-tube Superhet - \$15. Arvin mid-30's 4-tube tombstone - \$20. Philco late-30's BC/SW superhet console - \$35, pick up only. RCA Radiola 25 loop antenna frame - \$40. Precision Electronics Model 5100 power amp - \$25. Type 47 lamp, 6 boxes of 10 ea. - \$2/box. Type 50 lamp, 8 boxes of 10 ea. - \$3/box. Rider's Vol. 9 - \$10 or trade for any Vol. 15 thru 23. Waterman S-14-A 3" pocketscope w/manual - \$25. All plus shipping. K. G. Higgins, 9331 Southport Dr., Richmond, VA 23235. (804) 272-1825



NEW JERSEY - Apr. 30

**ANTIQUÉ WIRELESS ASSOCIATION
NEW JERSEY MEET**

Tranquility, NJ - "The Still"

Rte. 517, approx. 1 1/2 mi N. of Rte. 80

9 am to 4 pm - Flea Market

12:30 Dinner & Program

Dinner reservations required before Apr. 15

Info: John Richardt, 94 Bald Eagle
Hackettstown, NJ 07840 - (201) 852-3475

ILLINOIS - May 15

**ANTIQUÉ RADIO CLUB OF ILLINOIS
SPRING SWAP MEET**

Elgin, IL - Holiday Inn, 345 River Rd.
8 am - 1 pm

Info: Jeff Aulik, 803 N. Chicago Ave.,
Rockford, IL 61107 - (815) 399-1902

NEW YORK - May 7

**ANTIQUÉ WIRELESS ASSOCIATION
ANNUAL SPRING MEET**

Holcomb, NY - AWA Annex & Legion Hall

10:30 am - Auction

12 noon - Buffet Dinner

1:30 pm - General Auction

Info: Lauren Peckham, Ormiston Rd.
Breesport, NY 14816 - (607) 739-5443

MICHIGAN - May 15

**MICHIGAN ANTIQUÉ RADIO CLUB
SPRING MEET**

Jackson, MI

Info: Karl Rommel - (517) 484-7865

MINNESOTA - May 20-21

**NORTHLAND ANTIQUÉ RADIO CLUB
& AWA - RADIO DAZE '88**

Bloomington, MN - Hotel Seville
8151 Bridge Rd

Friday - May 22

2 pm - Swap Meet

7 pm - Pavek Radio Museum Tour

(4000 sq. ft. museum containing
900+ radios, 1000's tubes, etc.)

Saturday - May 21

Dawn - Swap Meet

9 am - Radio Contest Entry

12:30 pm - Luncheon & Program

2 pm - Technical Program

Info: NARC, PO Box 18362
Minneapolis, MN 55418 - (612) 822-4000

MARYLAND - May 14

**MID-ATLANTIC ANTIQUÉ 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

CALIFORNIA - May 14

**CALIF. HISTORICAL RADIO SOCIETY
SWAP-MEET**

Los Altos Hills, CA - 8 am

Electronics Museum, Foothill College

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

CALIFORNIA - May 21

**SOUTHERN CALIFORNIA ANTIQUÉ
RADIO SOCIETY & AWA
ANNUAL AUCTION & FLEA MARKET**

Burbank, CA - Lockheed Employees
Rec. Center, 2814 Empire Ave.
(near Hollywood-Burbank Airport)

7 am - Swap Meet

10 am - Equipment Contest

10:30 am - Auction Registration

12:30 pm - Auction

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

OREGON - May 14

**NORTHWEST VINTAGE RADIO SOCIETY
SWAP MEET**

Info: Dan Howard, 2940 S.E. 118th Ave.
Portland, OR 97266



W. VIRGINIA - June 8-11

ANTIQUÉ RADIO CLUB OF AMERICA 1988 CONVENTION

S. Charleston, WV - Ramada Inn
Second Ave. & B Street (I-64, Montrose Exit)

Every Day: Open-Air Trader's Market
(except during auction)

SPECIAL EVENTS

Wednesday - June 8
Tours of local attractions

Thursday - June 9

Programs: Meet the A.R.C. & A.R.C.A.
Editors & Writers, First Airliner Radio,
KDKA-"It All Began Here"

Friday - June 10

Equipment Contest

Programs: Hertz Experiment
Catalin Story, Show & Tell
6 pm - Banquet

Saturday - June 11

7 am - Auction Check-In

8:30 am - Auction

1 pm - Open-Air Trader's Market
2:30 pm - ARCA Members Meeting

Info: Geoff Bourne

405 8th Ave., St. Albans, WV 25177

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

Noon - Luncheon

2 pm - Program: "The Lone Ranger"

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

ILLINOIS - August 11-13

ANTIQUÉ RADIO CLUB OF ILLINOIS & AWA - RADIOFEST '88

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

Flea Market - Equipment contest
Tour Muchow Museum - Banquet

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

RADIO CLUB LISTINGS

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

Antique Wireless Association (AWA). P.O. Box "E", Breesport, NY 14816. Pub: *The Old Timer's Bulletin*, quarterly. Dues: \$10.00. National and regional conventions. Museum.

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

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

Sacramento Historical Radio Society (SHRS). William Howell, 5724 Gibbons Dr., Carmichael, CA 95608. Pub: *The Announcer*. Dues: \$10. Special meets & monthly meetings.

South-East Antique Radio Club. J Sherrod,

MARK YOUR CALENDARS

July 9-10 - GA, Atlanta - AWA, SE Region

July 17 - TX, Irving - VRPS

July 22-23 - MI, Lansing - MARC

Aug. 6 - NY, Elma - NFWA & AWA

Aug. 11-13 - IL, Elgin - ARCI Radiofest '88

Sep. 21-25 - NY, Canandaigua - AWA

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

4419 15th Ave. S., St. Petersburg, FL 33711.
Club being formed.

Southern California Antique Radio Society (SCARS). Edward Sheldon, 656 Gravilla Pl., La Jolla, CA 92037. Pub: *California Antique Radio Gazette*, quarterly. Dues: \$10.00. Meets: 3rd Sat. in Feb., May, Aug. & Nov.

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

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

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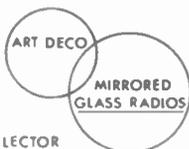
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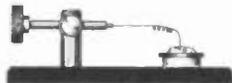
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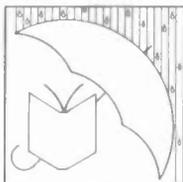
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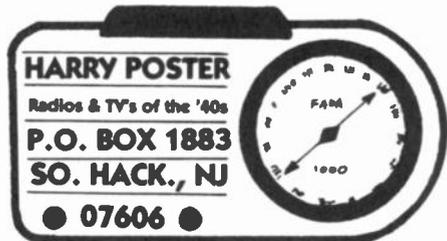


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Atwater Kent Variometer in OB	70	Ozarka 4-Dial Slant Front	100	Melody Tune (wooden bell)	90
Atwater Kent Variocoupler in OB ..	70	Paragon VT Control Unit	125	RCA 103	90
Atwater Kent Black Variocoupler w/ tapped panel	125	Philmore Crystal Set in OB, Brown	45	Timmons Talker	95
American Bosch Amberola	75	Philmore Crystal Set Black	45	Black Burns Horn	
Arnold Loose Coupler (sold by & tagged Duck)	350	Philmore Metal Type (early) Silver	75	(1 bad bell section)	75
Airtune Type B	45	Philmore Crystal Set Plastic Green	45	Victor Lumiere Spkr.	100
Amrad Double Decker	625	Philmore Little Wonder Crystal Set in Box Brown	55	Pathe Westminster	85
Bristol One-Stage Amp.	125	Philmore Little Wonder Crystal Set in Box Blue	55	RCA UZ 1325	95
Crosley 50	125	Philmore Little Wonder Crystal Set in Box Red	55	Bristol Baby Grand	95
Crosley 51	75	Philmore Crystal Detector in Box ..	35	WE 521 W	100
Crosley X	190	Radiola I Wrong Box	275	Dictogrand	75
Crosley Ace Type 3B	150	Radiola II	250	Tower Meistersinger	85
Crosley IV	150	Radiola II No Lid	100	Thorola Jr.	125
Crosley Ace	125	Radiola III	50	Music Master	125
Crosley Trirdyn	100	Radiola V	275	Music Master, large Bell, 1 crack	250
Clapp-Eastham Loose Coupler ..	250	Radiola X w/Tubes	275	Bristol Super S	100
Claritone (wood panel, meter)	100	Radiola IIIA w/Tubes	200	Amplion AU5	125
Dayfan OEM 7	75	Aeriola Sr.	100	Mesco 2555	100
DeForest D7	650	Same, w/Brass-Based WD-11	175	Kodel Spkr. in Shape of a Mic.	225
DeForest Large Glass Enclosed Condenser	100	Radiola 28 w/104 Speaker AC	275	OTHER ITEMS:	
Dresner Shortwave Converter	65	Westinghouse RC	225	Murdock Tuning Cond. Small	35
Eagle Neutrodyne Type B	65	Westinghouse RC	175	Same, All Bakelite, Large	50
FADA	50	Westinghouse RC Parts	100	Conn. Compression Tuning Cond.	45
Federal 110	350	Radiola 24	225	Rumkoff Type Coil	125
Federal Orthosonic (large)	75	Western Electric 7A Amp. w/3 216 Tubes	150	Rumkoff Type Coil Small	65
Federal Orthosonic (slant front) ..	75	Western Electric 7A Amp.	85	Baldwin Phones New in Box	30
Freed-Eisemann NR 15	65	Stewart-Warner	50	Bristol Audiophone Hand-held Mike	45
Freed-Eisemann NR 6	55	Whitestone	200	Du Wa Toy Microphone	35
Freed-Eisemann NR 5	75	O-So EZ Crystal Set	145	Townsend Wavemeter Radio Communicated Co. Ltd. London	150
Freshman Masterpiece	50	Kolster 6D	50	Murdock Loose Coupler	150
Freshman Masterpiece w/Horn	55	Tyrman 70	100	Brandes Navy Type Headphones New in Box	30
Flyer Crystal Set	150	Spenser Pocket Radio Crystal Set	45	German Folding Loop Antennae ..	150
Grebe CR 8	400	Pandora Type Crystal Set	95	Flewëing Shortwave Adapter Mid. AC Dayton	45
Grebe CR 9	200	World Crystal Set	135	1920's Reproduction of Edison Test Lamp	75
Kenman 5	50	Radak DD	125	Matheson Loop Antennae	75
King	60	Green Concert AD2 Receiver	100	Deluxe Loop Antennae Co. Loop ..	75
Lyra Type MTR 5	75	Standaryne TRF (early)	65	Omniograph	75
Leutz Pliodyne 6	\$350	Tri-City	65	Vibroplex Zephyr #19514 in OB ..	125
		Silvertone TRF Built-in Horn	75	Magnavox Type T PM-4 Driver	20
		Splitdorf R 560	50	Submariner Low Wave Adapter	50

PRICES OF RADIOS DO NOT INCLUDE TUBES UNLESS OTHERWISE NOTED. THERE IS A FIVE DOLLAR PACKING CHARGE FOR EACH CARTON SHIPPED.

ALL RADIOS ARE SOLD IN AS FOUND CONDITION.

MAKE ALL CHECKS PAYABLE TO WAVES.

WAVES, 32 EAST 13TH STREET, NEW YORK, NY 10003. Telephone: (212) 989-9284



DISPLAY ADVERTISEMENTS

THEY DON'T DISCOUNT IT? WE DO!!

Special Sale Electron Tubes-Buy 3, get one free, **these tubes only-**
 6L6 GC \$4.95 6CA7/EL34 \$5.95 12AX7/ECC83 \$1.95 New, 1 year guarantee

Other new tubes-

6L6GC General Electric \$7.95

6U5 eye tube LIMITED SUPPLIES \$5.95

6DS4 Nuvistor, used/tested 3.95

Other items, new and new surplus material

KESTER 60/40 rosin core solder, 1 lb. roll \$5.95

180 pc 600 volt "Greenie" cap kit, .001 to .1 uF, extra .001, .047, .1 \$25.95

200 pc. 400 volt kit, full leads, new factory surplus, .001 to .47 uF, \$14.95

190 pc ceramic caps 500-1000V 100 to 4700 pf full leads, most temp. stable \$9.95

47 uF-160V axial lead electrolytics .25 each

47 uF-400 V axial lead electrolytic .75 each

20-20-20-20 @ 450V cans, fresh stock .95 ea.

40-40-40 @ 200V cans, Mallory .49 each

50 asst polystyrenes 75-8200 pF 1.95

5 asst tuning caps for AC/DC radios 1.95

25 asst mica trimmer caps for radios 1.49

100 asst 5-10% 1/2 watt resistors 1.69

Giant resistor kit, 1500 5-10% full lead 1/2

watt +200 1-2 watt w/ cabinet \$28.95

Hobby kit, 300 pc 5-10% full lead 1/2 watt

with storage case \$8.95

Power kit, 180 pc asst. 2 to 7 watt oxide

resistors w/ cabinet \$17.95

100 asst. volume controls 5.95

10 asst. dual & stereo controls 1.29

10 asst. Auto controls, OE surplus 1.59

8 asst. rotary/round AC switches .95

15 asst. volume/tone control knobs for

postwar AC/DC radios, NOS 1.95

Large white phono knob ON-OFF-REJ .49

Large white GE dial knobs 6 for \$1

Clock radio clock knobs, push-on, setscrew types,

various colors, 30 assorted for .95

35 asst Knob springs for pushon knobs.95

Asst. fiber speaker/phone plugs/jacks for 1930's-

1940's radios, 2 to 6 prong 15 pcs 1.49 40 pcs 2.95

16 asst Rubber bumper feet .95

50 asst Rubber grommets .95

5 asst. Pilot Light sockets w/ leads, .95

Tube sockets, 4 pin .49, 5 pin .49, Octal .39,

9 pin mini .29, 7 pin mini .19, 9 pin compactron .50

12 pin compactron .50 each

ACDC radio output transformers, for 25L6, 50L6,

25C5, 50C5, 35C5, 50B5, etc 1.95 each

150 ft. hookup wire, 6 styles asst. 2.75

20 asst. capacitor mounting plates .95

24 asst solder lug terminal strips .95

ADD SHIPPING (\$2 MINIMUM) \$5 minimum order. US FUNDS ONLY.

Illinois Residents add 8% sales tax. Send \$1 for current sale catalog

TRIODE ELECTRONICS

Box 148794 Chicago, IL 60614 USA (312)871-7459

2 lbs asst Machine screws/nuts 1.49

2 lbs asst Self-tapping screws 1.49

2 lbs asst Radio hardware 1.29

200 asst Wood screws, w/ storage case 1.95

200 asst Solder/terminal lugs, storage case 1.95

320 asst Machine screws/nuts, 6-32, 8-32, case 2.95

275 asst Sheet metal screws, w/ storage case 1.95

200 asst. Washers, w/plastic storage case 1.95

Loktal tubes NIB, your choice 14A4, 14B8, 14C7

14E7, 14F8, 14J7, 14N7, 14S7, 14W4, 14Y4 .50 ea

Oelrich Publications

No. 100 Radio-TV Cash Sales books, 50 triplicate

copies with carbons 1.79 each

No. 44 TV service book, 50 dup copies 1.40 each

No. 107 Radio TV job ticket book, 100 card tickets

with set & claim check 4.95

No. 209 Radio Service work sheet books, 50 large

duplicate work sheets (limited supply) 1.95 each

No. 501 Tube sales receipt books, 8 duplicate

receipts per page (limited supplies) 1.75 each

15 watt output transformers, NOS, 8000 ohm CT

to 3.2 ohm voice coil 2 3/4" mounting centers 3.95

10 assorted small output transformers 8.95

Plate Caps, insulated, for 807, 6146 etc. .39 each

Grid caps, insulated, insulator removable .19 each

20 asst 7-9 pin tube sockets 1.69

GC Test sockets, plug in set & plug tube in it to

check votages w/ chassis down, 1 each octal,

7 pin mini, 9 pin mini socket, 4.95 per set

600 volt factory surplus full lead capacitors,

prices per 100 pieces-.001-4.00, .0039-8.00

.0068-8.00, .0068-8.00, .01-8.00, .022-8.00

25 & 50V cathode bypass caps 10, 22, 50 uF .12 ea

NOS IRC tapped volume controls with universal

plug in shafts 250K, 1 meg, 2 meg .95 each

Non-tapped controls with universal shafts, 3K, 5K,

7.5K, 10K, 13K, 15K, 25K, 44K, 75K, 100K, 200K,

250K, 350K, 1 meg, 2 meg, 3 meg .75 each

AC switches for above, limited supply 1.50 each

3/8" volume control nuts pkg of 50 .95

AC power transformer 675VCT 90 ma, 5V2A,

(2) 6V 1.5A 31/8" X 3 3/4" horiz mount 9.95

AC power transformer 334VCT 25ma, 6V 5A,

2 1/2" X 3" horiz mount, tuner-preamp type 6.95

8 asst UL listed Mylar AC line filter caps

150 to 400 VAC 1.95

10 asst band/channel switches 1.95

Speaker reconing, dynamic types only, up to 6" \$12

to 8" \$16 to 10" \$20 12" \$30, 15" \$40. SHIP TO

2010 W. ROSCOE CHICAGO IL 60618 ONLY



DISPLAY ADVERTISEMENTS



**PHIL WEINGARTEN IN HIS GLASS BLOWING LAB WORKING ON SPECIAL
EXPERIMENTAL TELEVISION TUBES FOR DUMONT LABS – YEAR 1948**



**FOR SALE BEAUTIFUL HANDMADE
REPLICAS**

**DEFOREST SINGLE GRID – SINGLE WING
DOUBLE FILAMENT SPHERICAL AUDIONS
PRICE \$150.00 EACH PLUS UPS**

Made by me from material salvaged from McCandless Glass Blowing Labs located in Lower Manhattan, New York City, at the time when he sold out his company to Westinghouse to form the McCandless-Westinghouse Lamp Works.

*For Further Information – Write – Include SASE – Quantity Limited
Visitors Welcome by Appointment*

RADIO TUBE REPAIR LABORATORIES
Scientific Glass Blowing – Thermionics – High Vacua Technology

Phil Weingarten

67-61 Alderton St., Forest Hills, NY 11374

Est. 1928

Tel. (718) 896-3545



DISPLAY ADVERTISEMENTS



WANTED

ELECTRON TUBES – ST SHAPE

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

ELECTRON TUBES – ANTIQUE GLOBE SHAPE

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

TRANSMITTING TUBES

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

WESTERN ELECTRIC TUBES

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

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

WESTERN ELECTRIC EQUIPMENT – FOR THEATER & STUDIO

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

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

ALSO BUYING

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

TRIAL ELECTRIC PRODUCTS, INC.

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

CLASSIFIED ADVERTISING POLICY

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

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

Please write legibly and use both capital and small letters. Do not use dashes between words. Some numbers and letters can look alike, for example 1, l and I (the number one, the capital i and the small L.) Write the following characters clearly (especially in model numbers): 1, l and I; 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].

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, HELP**, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. Wanted and For Sale ads are mixed together to encourage the reading of all ads, including the Wanted ads. This standard ad format makes scanning the ads easier for readers who are searching only one category.

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

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

CLASSIFIED AD COSTS

Subscribers:

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

Non-Subscribers:

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

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

COUNTING WORDS

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

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

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

BOXED CLASSIFIED AD DETAILS

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

BOXED CLASSIFIED AD COSTS

Minimum run is 3 months, prepaid.

Nonshaded ads:

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

Shaded Ads:

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

Non-Subscribers:

- Add 10¢ per word to above costs.

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

PHOTO & DRAWING DETAILS

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

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

Drawings should fit within the 39/16" column. If a drawing is too large or too small, it must be resized photographically for an extra charge. Photos may be of any size since all must be converted to a half-tone for printing; in the process, the photo size can be changed.

PHOTO AND DRAWING COSTS

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

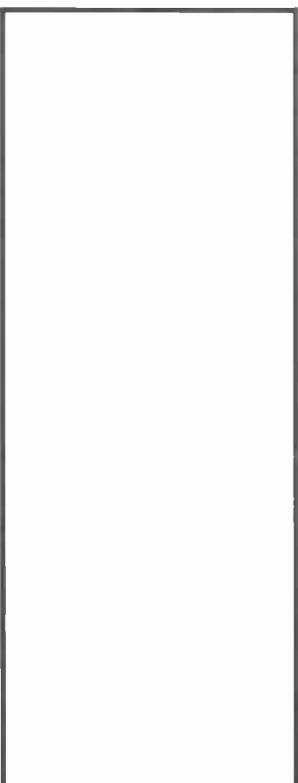
Drawings also may be requested to be run free and will be printed at the option of A.R.C. and as space permits.



SECOND CLASS
POSTAGE PAID
at Carlisle, MA

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

TO:



**CLASSIFIED AD
DEADLINE MAY 10TH**

POSTMASTER: Deliver Promptly