

ANTIQUE RADIO CLASSIFIED



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NUMBER 9

In this issue...



Tower



Radio Speakers

A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS
OF OLD RADIOS AND RELATED ITEMS — PUBLISHED MONTHLY

ANTIQUE RADIO CLASSIFIED

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Advertising must be prepaid, except as noted below; see "Payment" paragraph above for details. Late ads will be run only if space and time permit. Since artwork is reduced to 63% in the printing process, originals must be the artwork size listed below. Do not send in artwork on art board or send negatives. Ads should be typeset or typed neatly with a carbon ribbon, black printing on white. No reverse type if A.R.C. is to make up the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Photos should be at an 85-line screen; otherwise, add \$10.00 per photo for screening. Do not cut or trim photos or glue photos to artwork; submit separately.

If you are confused by these requirements and terms,

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1/2 V	12 3/16 (or 11 13/16)	x	3 9/16	7 7/16	2 1/4	94.50	252.00	435.00	790.00**	30.00†
1/4	5 1/4	x	3 9/16	3 5/16	2 1/4	47.75	127.00	220.00	399.00	15.00†
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ANTIQUE RADIO CLASSIFIED



EDITOR'S COMMENTS

The news is good for antique radio collectors. Our community is growing! And that growth is most evident in the explosion of meets all over the U. S. and Europe.

In the last several months, A.R.C. has attended meets from Birmingham, England, to Elgin, Illinois. In Birmingham, over 2,000 enthusiasts browsed through 200-plus vendors' displays, while Radiofest in Elgin attracted more than 400 vendors this year. Meets like Extravaganza in Lansing, Michigan, and the New England Antique Radio Club quarterly events, which usually draw nearly 1,000 participants, continue to grow.

Even if you are not actively buying and selling, what a great chance a meet is to interact with other collectors! In England, a number of European A.R.C. readers stopped by our booth to say "hi." In the U. S., Radiofest in the Midwest is an ideal place for collectors from anywhere in the country to meet collectors from everywhere else. Meets are also becoming more family-oriented, as many of them schedule a wide range of activities, from seminars and auctions to museum visits and excursions for noncollectors.

The upcoming big event in Rochester N. Y. — the Antique Wireless Association Annual Historical Radio Conference — from September 22 to 25, is a meet not to be missed. Nearly 1,000 collectors will enjoy four days of radio events. And don't forget that the Flea Market will not open until 6 A.M. on Wednesday!

On to this issue. Our cover and our lead article by Wally Worth present the Tower Manufacturing Company, producer of horn and cone speakers. A striking selection of these speakers, circa the mid-1920s, makes this an article rich in detail.

Kevin Silva contributes an interesting bit of radio history in his article on Noblitt-Sparks, the maker of Arvin radios. Kevin's approach is a personal one, since his grandfather, "Duke" Silva, brought the metal radio idea to Noblitt-Sparks.

Six pages of reports on meet and auction activity over the last several months include the Houston, Texas, Vintage Radio Association Convention in May, and the July Extravaganza '93 in Lansing, Michigan. Also reported are another Ruder Auction in Ohio and two smaller auctions in Pennsylvania, all in June. Thanks to Sam Juliano, Ray Chase, Richard Estes and Jim Clark for contributing these reports. A.R.C. invites individuals, clubs and auction houses to send in reports for publication. When possible, include photos of items from the auction, equipment contest and flea market.

The newly formed New Jersey Antique Radio Club is our *Club Spotlight* focus. The success of new clubs

is another measure of the growth of interest in antique radio collecting.

The ever-present hum problem in old AC sets is the restoration topic of the month. Robert Gates, in a humorous style, points to the power transformer and filter chokes as frequent culprits.

In a look back at the early days of radio, Philip Whitney reminds us that Loomis, Hertz and Fessenden are names not to forget. And Robert Oberholzer reminisces about his early days in radio — 70 years ago! How many of us realize that single sideband, a staple of today's ham radio gear, existed in the 1920s?

In "More on Early Television," Ray Bintliff expands on his earlier article [December 1992] and discusses the ion trap — the device that prevents a spot from being burned in the phosphor in the center of a television screen.

Photo Review features sets from the 1940s and 1950s, while *Radio Miscellanea* includes restoration tips as well as a comment on ethics in the collecting community. A.R.C. invites everyone to contribute to this readers' page.

New Books. Two excellent books are now available — the long-awaited second edition of *Radio! Radio!*, Jonathan Hill's book on British sets, and Roger Handy's *Made in Japan*, a book on transistor radios, which was a sell-out at Radiofest. A review of *Radio! Radio!* appears in this issue. Both may be purchased from A.R.C., Antique Electronic Supply, and other book sellers.

Tremendous Philco Survey Response. If you have a Philco 20, 21, 70 or 90, don't forget to complete the survey in last month's issue. Please note the corrections to the survey in this issue on page 23. In less than three weeks, Ron Ramirez has already received over 30 responses, so don't fail to send yours in!

Classified Ad Policy Change. A small change has been made in our classified ad policy — names of persons, other than the advertiser, are no longer allowed in ads. Some individuals do not want their names included even in a friendly fashion.

Renew now and Save! Rate increases are always announced in advance so that subscribers will not be surprised. Because of the continuing growth in the size of A.R.C. (100-page issues are becoming the norm) and increasing expenses, an approximate 6% increase in all rates will be instituted January 1, 1994. Avoid the increase and renew now for up to 5 years.

See you, I hope, at the Rochester, Nashua and Dallas meets over the next several months.

Happy Collecting!

John V. Terrey

OOPS!

A.R.C. tries very hard to avoid errors; all articles and ads are proofread several times. Unfortunately, the August issue contained errors in both the "Philco Radio Survey" and "Line Voltages and Old Radios." See page 23 for details on these corrections.

ON THE COVER

The cover this month shows the Tower Model 28 cone speaker — one of the more dramatic speaker designs of 1927. The grille is constructed of molded repwood. This design preceded the cast metal ship and tower designs frequently seen in collections today.

WITH THE COLLECTORS

The Tower Manufacturing Co. of Boston

BY WALTER V. WORTH

This is the story of the Tower Manufacturing Co. of Boston, Massachusetts, and its products — headphones, horn and cone speakers, and the rightly famous "ship speakers" coveted by all.

HEADPHONES

The story starts in January 1924 with the Scientific Electric Works, located at 98 Brookline Avenue in Boston. This company manufactured "Scientific" headphones, shown in Figure 1, which sold for \$2.95 and had a relatively high resistance of 3,000 ohms. The advertisements claimed that the \$200,000 company guaranteed every set of headphones.

However, in the fall of 1927, the same pictured headset was being advertised as "Tower's Scientific Headset." The manufacturer claimed its 14-day production would reach a mile high if the boxes were placed on top of each other. Like the Scientific Electric Works, the Tower Manufacturing Co. was located at 98 Brookline Ave., Boston. Frank S. Tower was the president, and Edward T. Isaac was the treasurer.

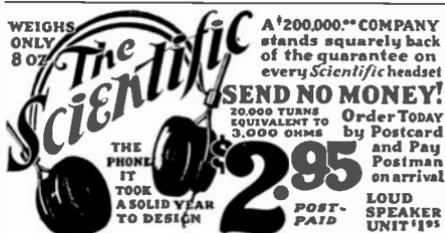
This company continued to advertise itself as a \$200,000 company, just as the Scientific Electric Works had done. Did Frank Tower buy out the Scientific Electric Works? Did the companies merge? I could not establish this as a fact, but given the use of the same phrases and the same pictured headset in both ads, I believe that they did merge.

The Tower Manufacturing Co. also made the Tower "Super Sensitive" headphones in two sizes — a small one with 2,500 ohms resistance and a larger one with 3,000 ohms resistance like the plain "Scientific" set.

HORN SPEAKERS

An advertisement that appeared in the November 1925 issue of *Radio News*, featured the Tower Meistersinger "Cabinet" speaker, shown in Figure 2, in a long, low, mahogany cabinet priced at \$15. The Cabinet speaker used a wooden horn laid horizontally in the cabinet and presumably used the Tower phono attachment which could be purchased separately at \$3.95.

Other speakers available were the Tower "Little Spitfire"



WEIGHS ONLY 8 OZ.

The Scientific

THE PHONE IT TOOK A SOLID YEAR TO DESIGN

2.95

POST-PAID

A \$200,000** COMPANY stands squarely back of the guarantee on every Scientific headset

SEND NO MONEY!

20,000 TURNS EQUIVALENT TO 3,000 OHMS

Order TODAY by Postcard and Pay Postman on arrival

LOUD SPEAKER UNIT '1925

We Guarantee The Scientific Headset to be the greatest value on the market. Try it for five days. If not satisfactory send it back and your money will be refunded immediately. Circular on request. Dealers wanted.

THE SCIENTIFIC ELECTRIC WORKS
98 Brookline Ave. DEPT. H. BOSTON, MASS.

Figure 1. The Scientific headphones advertised in the January 1924 issue of "Radio News."

horn speaker at \$4.95, shown in Figure 3, the Tower "Scientific" horn speaker at \$8.50, and the larger Meistersinger horn speaker, shown in Figure 4, at \$15. The "Scientific" headphones were still priced at \$2.95.

CONE SPEAKERS

In September of 1926, Tower advertised its first cone speaker, the "Tower Cone," at \$9.50, and also added to its horn speaker line with a

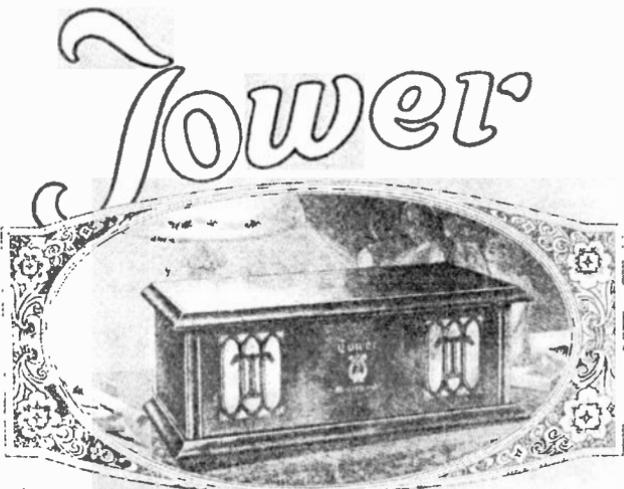


Figure 2. The Tower Meistersinger Cabinet horn speaker, as advertised in the November 1925 issue of "Radio News."



Figure 3. The Tower Little Spitfire horn speaker.

"Scientific" model at \$8.50. At this time, the horn speakers were becoming obsolete, and radio listeners recognized the deficiencies of the horn's tonal quality. The cone speakers gave better tone, especially to the bass notes, and more volume.

Then in January of 1927, Baker-Smith advertised a radio cone speaker, "The Enchanter." This speaker had a sailing ship on the front cast iron face, and was "hand decorated in polychrome colors of silver grey, green, yellow, and red." The price was \$30.

Also advertised that year was the "Fiat" cone, to be used for table or wall mounting, using the "Majestic" horn reproducer. This speaker apparently was a standard paper cone with a sailing ship, silk-screened or painted on the cone itself. The price of the Fiat cone was \$12.50.

Apparently Baker-Smith's sailing ship design was well received, as later, in September of 1927,



Figure 4. The Tower Meistersinger horn speaker.



Figure 5. The Tower cone speaker, as advertised in the September 1926 issue of "Radio Retailing."

there appeared another cone speaker in the guise of a three-dimensional galleon ship model, "The Melody Ship." The Miniature Ship Models Co. offered this model ship as a kit. It includes an electromagnet driver attached to the main mast. The driver is connected to the speaker's diaphragm, which is shaped like the ship's mainsail. The kit for this unusual speaker cost \$12.50 complete. Ship kits were popular in the 1920s, and this shape and construction method inspired the Tower Co. to bring out several more cone speaker designs.

Tower made a departure in its style in November of 1927, and introduced the Model 28, as shown in Figure 6. It was a cone speaker housed

(Continued on following page)



Figure 6. The Tower Model 28 cone speaker.



Figure 7. The Tower Adventurer cone speaker.

(Tower Manufacturing Co., continued)

in a metal drum placed on a decorative, cast metal base. The front grille work was of pressed wood and depicted the accoutrements of chivalry. The rear grille was pressed cardboard, and both front and back were backed by a gold net cloth.

Tower's regular line of cone speakers continued with three new models of the familiar cast iron, circular framework design. The now famous "Adventurer," a handsome table speaker, was priced at \$11.95; the "Castle Cone" at \$11.95; and the "Pirate Ship" at \$8.95. These models are shown in Figures 7, 8, and 9.

The Adventurer speaker is the one most often seen and sought after today. The Castle Cone speaker has a cast iron front and is painted in a mixture of green and gold. The front is a replica of the official Tower logo used in many ads.

The Pirate Ship speaker is painted with a variety of bright colors similar to the Enchanter of January 1927, made by Baker-Smith. Notice that the Pirate Ship is sailing to the right, while the Adventurer ship is sailing to the left.

CONE SPEAKER STRUCTURE

Most of the Tower cone speakers mentioned above use the same speaker driver mechanism — a well-made, rugged unit, many of which are still usable today. They have a resistance of from 1,200 to 1,500 ohms. Almost all are adjustable by the movement of a lever located behind the central part of the ship. This lever centralizes the armature between the magnet poles to increase the sound or to avoid hitting the poles on the loud passages.

Cones for these speakers consist of a single piece of parchment reinforced at the center with soft felt on the outer edge. This cushioned the

edge of the cone against the cast iron frame. The cones were known as "free-edge," since they were not restrained in any way except at the attachment to the pin drive at the center.

All of these cone speakers became a decorative addition to the decor of the home, as well as a pleasure to early radio listeners in the late 1920s, until the dynamic speakers of the 1930s superseded them.

Tower's address in 1927 was 122 Brookline Ave., Boston, the same address as the Automatic Radio Co., makers of Tom Thumb radios from the late 1920s through the 1950s. Did the Tower Manufacturing Co. and the Automatic Radio Co. ever co-exist at this address? I have no information on



Figure 8. The Tower Castle Cone speaker.



Figure 9. The Tower Pirate Ship cone speaker.

the later years of the Tower Manufacturing Co.

This is a good time to encourage someone to write a book on all the cone speakers in general. Horn speakers have been ably written up by Floyd Paul in his book *Horn Speaker Encyclopedia*, but cone speakers have not been documented.

(Wally V. Worth, 2 West Elm Ave., Wollaston, MA 02170)

Wally Worth has been collecting radios since 1978, although his experience goes back to building several one-tubers in high school. He pres-

ently enjoys woodworking, and the restoration of radio cabinets allows him to pursue that craft. His interests range from crystal to AC to multiband shortwave sets.

References:

Citizens' Radio Call Book, No month 1927, November 1927.

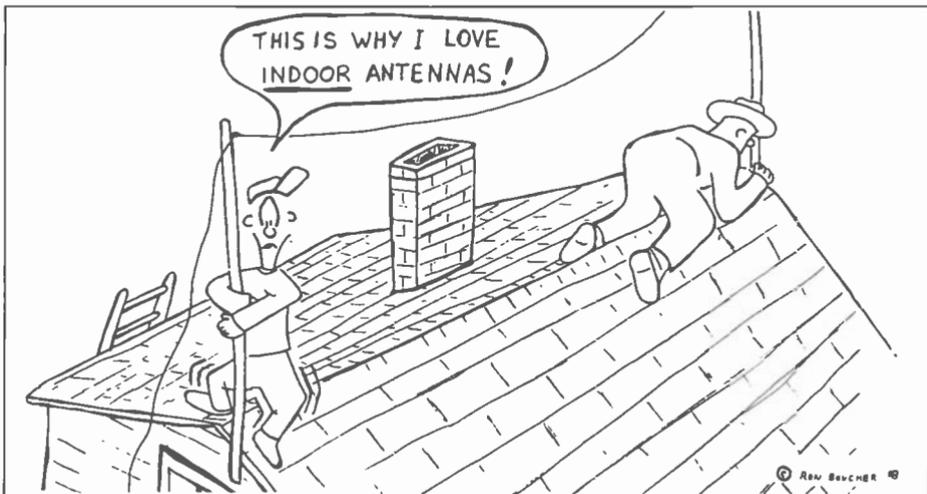
Radio Listeners' Guide and Call Book, September 1927.

Radio News, January 1924, November 1925, December 1925.

Radio Retailing, February 1927, No month, 1927.

Gridley's Radio Shop — September 1937

By Ron Boucher



WITH THE COLLECTORS

Arvin Metal Radios and A. D. Silva

BY KEVIN DEVERE SILVA

In an earlier A.R.C. article (March 1991), Kevin Devere Silva wrote about the Atwater Kent Model 810 prototype, a gift to his grandfather, Albert Devere Silva, from Atwater Kent himself. A.D. Silva was chief engineer at Atwater Kent for 12 years before the plant's closing in 1936 when he moved on to Noblitt-Sparks and the development of Arvin metal radios. (Editor)

As a radio collector, I guess I'm lucky. Not only do I enjoy collecting, I enjoy the fact that I have an insight into the history of radio manufacturing. My grandfather Albert Devere Silva, affectionately known as "Duke," was a pioneer in early radio engineering.

Duke Silva, pictured in Figure 1, had the privilege of entering the electronic industry at its inception. During his work with the Signal Corps in World War I, he and Edwin Armstrong designed the first tank communications. He was senior chief engineer with the Atwater Kent Manufacturing Co. from 1924 to 1936. See Figure 2.

With the Depression at its peak, Noblitt-Sparks Industries (see A.R.C. July 1989) needed a product that would assure the company of some success in the field of home entertainment. The company never knew that such success might have been decided by the simple toss of a coin.

Duke Silva had two options when Atwater Kent closed its doors in the spring of 1936. He could choose to work for Wurlitzer in Chicago or for Noblitt-Sparks in Columbus, Indiana. To make his decision, he called his family into the kitchen and flipped a nickel. Duke started at Noblitt-Sparks in June of 1936. He found it difficult to "break the ice" because business there was done differently from business at Atwater Kent. In his opinion, Noblitt-Sparks' line of radios needed improvement.

Earl Booth was Noblitt-Sparks' chief engineer in 1933, when with Ben Irwin and Walt Peeks, he designed the company's first car radio. Booth, a mechanical engineer, was in charge of all as-

pects of design. His electronic background was limited, so he concentrated on cosmetics, leaving the electronics to Irwin and Peeks.

Unfortunately, the wooden cabinets Booth designed for the early home sets were rather elaborate, and consequently expensive to produce. The Rhythm Series, introduced in the spring of 1936, was an example of his work. The Rhythm King Model 1127 was an 11-tube set with a list price of \$150. Although one of the nicest radios of the time, it was a little out of the average person's price range.

Duke, with the help of a close friend, W.A. MacDonald, Vice President and Chief Engineer of Hazeltine Service Corp., persuaded Noblitt-Sparks to rethink its position on radio manufacturing.

In the early part of 1937, Duke, along with Ben Irwin who became the assistant chief engineer, made several trips to the closed Atwater Kent plant. Together they acquired the equipment necessary for Noblitt-Sparks to manufacture its own electronic components (i.e., IF coils, transformers, chokes, etc.). Now instead of designing radios around OEM (original equipment manufacturer) parts, Noblitt-Sparks could design and manufac-

ture every aspect of its radios.

With this manufacturing process in place, the next objective was to find a way to produce an inexpensive radio cabinet. The company already manufactured mufflers, so it had the tooling and machinery to stamp metal. Thus, with an idea brought directly from Atwater Kent, Noblitt-Sparks began producing metal cabinet radios. The radio division of Noblitt-Sparks merely became an extension of the manufacturing process used by Atwater Kent.

In 1938, the first Arvin metal set was introduced — the Model 40, or "Mighty Mite," as shown in Figure 3. This radio is especially interesting because of its small size and tube complement. It used only 2 tubes, but these 2 dual-purpose tubes performed the functions of a conventional 4-tube TRF set. A Type 25B8GT tube,



Figure 1. Albert "Duke" Devere Silva.

a triode/pentode, served as an RF amplifier/detector. The rectifier and audio output functions were performed by a Type 70L7GT, a beam power/rectifier tube.

Since this AC/DC radio contained only about two dozen parts, it was a simple and inexpensive radio to produce. "It started out as a novelty, a toy; we didn't expect it to 'mount to anything,'" said Ben Irwin.

But it did! At \$4.10 each, the 2-tube set successfully kept Noblitt-Sparks in the radio business.

Another interesting feature of the 6 1/2-inch wide Model 40 is the 4-inch speaker. Duke Silva believed in using the largest speaker available, given the cabinet dimensions. The bigger the speaker, the better the tone.

According to a 1939 letter to Duke Silva, Atwater Kent himself obviously agreed. In it he wrote, "I cannot thank you enough for the beautiful little radio set [Arvin Model 40] that you sent me. It is certainly a marvel in volume, tone, and selectivity... I appreciate so much your thought of me and letting me see what marvelous results can be obtained from such a small instrument."

The Arvin Model 40 was only the first in a series of metal cabinet radios produced by Noblitt-Sparks Industries.

(Kevin DeVere Silva, 4620 N. Elmhurst, Indianapolis, IN 46226)

Credits:

The information in this article was taken from a series of letters, either written by or to A.D. Silva during his stint with the Atwater Kent Manufacturing Co. and Noblitt-Sparks Industries. Also, some materials came from interviews with Ben Irwin, conducted in July 1988 and June 1989, and from conversations with Donald M. Silva (Duke's son and the author's father).

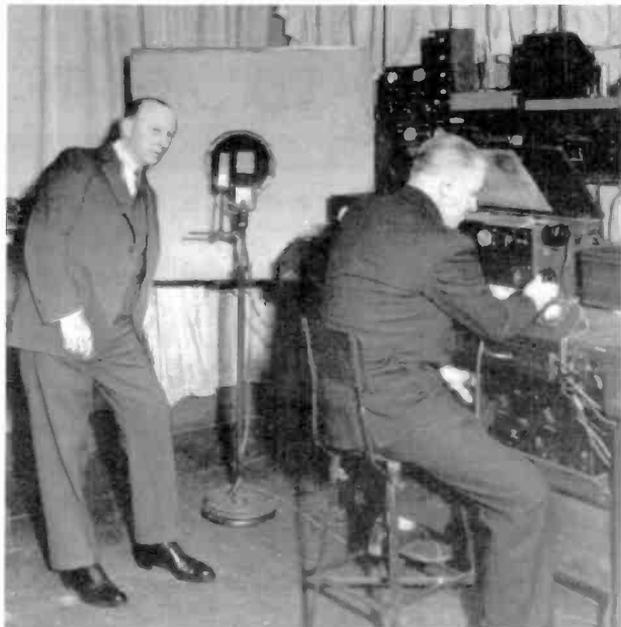


Figure 2. Atwater Kent and Duke Silva, in the Atwater Kent Laboratory, 1935. (Photo courtesy of Lora Pennington, Seattle, Wa. From the collection of Dan Howard, Portland, Or.)



Figure 3. The Arvin Model 40 or "Mighty Mite."

About five years ago, Kevin DeVere Silva was given a 1924 Model 20 Atwater Kent compact. At the time, he knew that his grandfather Albert Devere "Duke" Silva had worked for Atwater Kent, but he didn't know to what extent. Kevin spent a

little over a year collecting letters, pictures, and interviews, gathering any information he could from the people who knew Duke personally. Kevin's radio collection consists mainly of Arvin and Atwater Kent sets.



VINTAGE TELEVISION

More on Early Television

BY RAY BINTLIFF

My thanks to those readers who have taken the time to telephone or write regarding my article "Technical Advances in Early TV," which appeared in the December 1992 issue of A.R.C. It is gratifying to know that so many of you found it informative. One reader, William McGuigan, commented on my rather brief, and somewhat inaccurate, explanation of the ion trap. Oh, how advancing years dull the memory! The purpose of this article is to expand on the previous article for the benefit of Mr. McGuigan and other readers.

SOME BASICS

The electron gun in a picture tube is used to produce the beam of electrons that "paint" the picture on the tube's screen. Unfortunately, the gun also produces ions which can burn the TV screen. Over time, ion bombardment will produce a brown spot at the center of the picture tube. Ion traps were developed to prevent this discoloration of the TV screen (Keep in mind that we are discussing early black and white TV).

TYPES OF ION TRAPS AND GUNS

Early TV sets employed two basic ion trap/electron gun configurations. The earliest type, as used in the RCA Model 630TS, consisted of a straight electron gun and a dual-magnet ion trap. Later versions used a single magnet in conjunction with either a tilted or bent electron gun.

An ion trap is installed externally on the neck of the picture tube near its base. When first installed, an ion trap must be adjusted by sliding it back and forth while rotating it as well to produce maximum screen brightness.

THEORY OF OPERATION

Figure 1 provides a side view of the straight gun and double magnet combination.

The diagonal gap between grid 1 and grid 2 of the electron gun is essential to the operation of the ion trap. The voltage difference between the

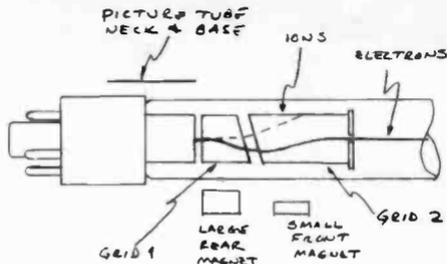


Figure 1. Side view of a straight electron gun with a double magnet.

two grids produces a strong electrical field across this gap. This electrical field in conjunction with the large rear magnet deflects both the electrons and ions toward the top of the gun.

Because ions are heavier than electrons, a stronger magnetic field is required to deflect them, while the lighter electrons are deflected more easily. Consequently, the small forward magnet has no effect on the heavy ions which continue on their previously deflected path and harmlessly strike the inside of grid 2. However, the electron beam is deflected by the small forward magnet and is directed to the picture tube's screen.

As Mr. McGuigan pointed out, some picture tube/ion trap combinations used an offset, or tilted, electron gun as shown in Figure 2. Again the diagonal gap is used, but this time in combination with a single magnet. The tilted gun and the gap's electrical field aim the electrons and ions at the bottom of grid 2. However, the single magnet deflects the electron beam toward the picture tube screen. Unaffected by the single magnet, the ions continue on the same path and strike the inside of grid 2.

The bent electron gun, a variation of the offset electron gun, is shown in Figure 3. Operation of the bent gun is similar to the offset gun. The ions travel in a straight line and strike the grid. The electron beam is deflected by the ion trap magnet and is directed to the picture tube screen.

THE NEXT STEP

Picture tube technology continued to advance. The introduction of aluminized picture tube screens eliminated the need for ion traps and produced brighter pictures as well.

(Ray Bintliff, 2 Powder Horn Ln., Acton, MA 01720)

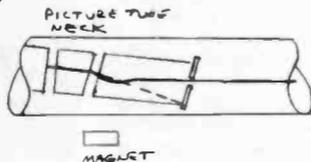


Figure 2. Side view of a tilted electron gun with a single magnet.

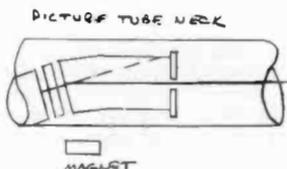


Figure 3. Side view of a bent electron gun with a single magnet.



RADIO MISCELLANEA

"Antique Radio Classified" invites its readers to contribute letters and information for inclusion in "Radio Miscellanea" and elsewhere in the magazine. The topic should be of general interest and sent to A.R.C., P.O. Box 2, Carlisle, MA 01741. All material submitted should be verified for accuracy and may be edited for publication, which is not guaranteed. See the masthead for more details.

Top-Of-The-Line Silvertone

Dear Editor:

Regarding the May 1993 A.R.C. article on the Silvertone Model 7038 — "the 8-tube set with 5-tube performance" — I think Bob Haworth has a top-of-the-line model, when compared to the 12-tube "off brand" table set I saw recently. At least Bob's set has a power transformer. The set I saw did not. Its 12-tube lineup included seven 03G ballast tubes, making this 12-tube set equal to a 5-tuber! Someone can always make a set a little cheaper and a whole lot worse.

Jim Fargo, Minneapolis, MN

Restoration/Service Tips

Dear Editor:

Black Shellac, commonly used on the bottom part of 1930s-1940s radios, ... may be made by the following process: (1) Break an old 78 rpm record into small pieces; cover with 50/50 mix of lacquer thinner and alcohol (approximately 4 oz. each); let stand 24 hours. (2) Strain through a paper cone paint strainer and dilute as necessary with additional alcohol.

Cleaning Turret Tuners: (1) Remove cover from tuner; use ordinary red rubber eraser to clean all contacts until shiny. (2) Carefully using needle-nose pliers, re-tension contact wipers. I do not advocate using any lubricating type cleaner on anything that may gather dust or dirt, which the lubricant definitely attracts. *Never* use this in computers. The leakage paths generated will destroy ICs. Artists' gum type erasers may be safely used to clean PC contacts.

Richard W. Mackiewicz, Coventry, CT

Dear Editor:

On WD-40. I have used WD-40 as Mr. Faber states (A.R.C., July 1993) with great success. My brother, who was an electrical engineer and operated TV, radio, and electrical appliance shops, recommended it.

Through A.R.C. I've had contacts in Japan, China, Israel, Italy, and the U.S. Virgin Islands.

Carlos Martinez, Cayey, PR

Dear Editor:

Tie Radio Cords With Velcro. I find $\frac{3}{8}$ " wide Velcro plant ties, used to stake up plants, very useful for controlling radio cords. I used to use rubber bands or grocery bag ties from the Produce Department, but the Velcro is much handier and it is reusable.

A.R.C. is great. You don't need to change a thing!

Darrell Combs, Citrus Heights, CA

Seeking Jig Info

Dear Editor:

I want to ask your readers if anyone builds a jig for supporting a radio chassis on a bench, allowing it to be rotated. There used to be a turntable support jig, sold by GC, I believe. Any comments/ideas, anyone?

Harold Wright, Chancellor, AL

On Transistorizing Tubes

Dear Editor:

In response to Gale Roberts' request for info on transistorizing tubes [A.R.C. Feb. '93], the 1934 *Official Shortwave Radio Manual* reprint by Lindsay Publications (P.O. Box 538, Bradley, IL 60915) includes an appendix on the subject. Telephone: (B15) 935-5353.

Andrew Mooradian, Winchester, MA

The appendix details the set modifications (battery voltages and some components must be changed) for Robert's approach. Does anyone make a plug-in equivalent to a WD-11 or 201-A? (Editor)

Knockout Ninth Anniversary Issue

Dear Editor:

Your ninth anniversary issue of A.R.C. (June 1993) is a knockout! I was just getting my old Vibroplex key limbered up for Field Day a few days ago when I picked up A.R.C., and there was Steve Berkule and his Vibroplex collection. Maybe Steve should have a Vibroplex tattooed on his other arm! Might not show up too well though — too complicated.

Ron Boucher's art work could become a habit. Good stuff! He sneaks in a whammy — that church across the street is truly a "radio cathedral!"

Morgan E. McMahon, San Juan Capistrano, CA

More On Ethics in Collecting

Dear Editor:

I appreciate the good remarks and articles [concerning reproductions] presented in A.R.C.

It is now becoming very difficult to distinguish the original from the reproduced. We have become a society of cheating and fraud. ... If someone is going to sell a radio fully or partly reproduced, it should be advertised as such. ... I see no harm in reproducing knobs, dial scales, etc. This is many times the only way to restore an old radio. But a reproduced part should be stated as such to the buyer. ... I have noticed that radio collecting has become a big business to some, and the real ethics are not being applied. When I repair a radio, I use a low labor rate plus the cost of parts... I add this to the purchase price plus about 15%, which gives me a fair price for that radio, which the buyer will be glad to pay.

Paul M. Williams, New Providence, PA

On Telegraph Key Article

Dear Editor:

Just a note concerning the June 1993 A.R.C. article on Steven Berkule and his telegraph equipment. I also collect keys and think this is one of the best articles you have run. ... I am in the process of writing a book on Ted McElroy (my uncle) and plan to beat his wpm record this September — just to keep it in the family! ... Thanks for the nice magazine and the article on Steve.

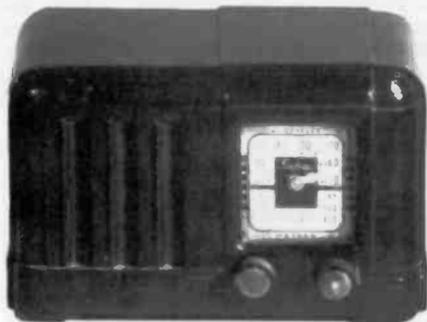
John F. Rhiinger, Boston, MA



PHOTO REVIEW



This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short, descriptive paragraph **MUST** be included with each photo. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.



COPCO – This radio looks as if made from a kit offered by National Radio Distributors in 1947. The kit cost \$11.95 at the time. (*Kurt Thompson – Jacksonville, FL*)



MOTOROLA MODEL 51C – This brown Bakelite set with a marbled cabinet reminds one of the grille of a 1940s Ford. It has bullet knobs. (*Randy King – Lincoln, NE*)

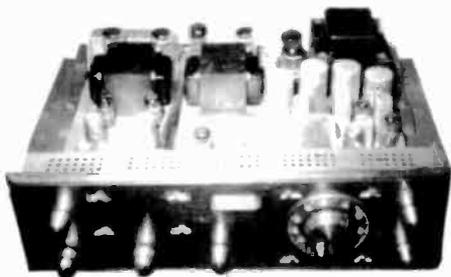


PHILIPS PORTABLE MODEL LX444AB/03 – This early plastic foreign portable features SW/LW/MW, multivoltage or 67 ½-volt B battery and 1 ½-volt A battery. It has a bright pink case with a clear grille/faceplate and a swing-up metal loop antenna on the back, which has the same shape as the case. (*Randy King – Lincoln, NE*)



STROMBERG-CARLSON MODEL 561 – This large Bakelite set was built in Canada in 1940 and seems uncommon in the States. It is an AC/DC superheterodyne, using six octal base tubes. The original set belonged to my family in the 1940s, but was lost over the years. Luckily, I found this identical set through a photo ad in A.R.C., which was also the source of the schematic from a Canadian reader. This radio was also produced as a battery farm set, Model 541. (*Ray Larson – W. Los Angeles, CA*)

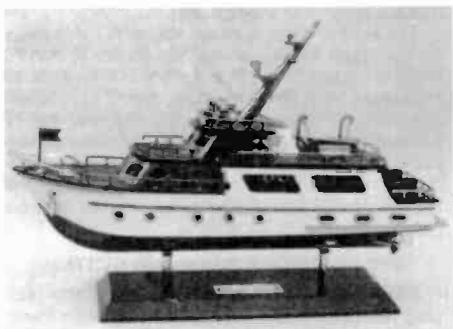
PHOTO REVIEW



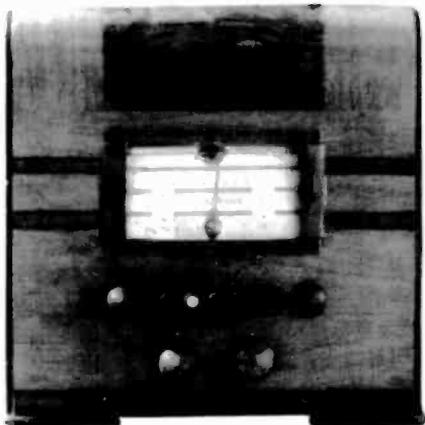
H.H. SCOTT STEREOMASTER – I found this Type 340 tuner/amplifier, wide band, multiplexed stereo in mint condition in a custom-built, roll-type cabinet with a Garod All-Laboratory series turntable mounted in a lower pull-out drawer. I often use it to demonstrate the merits of a vacuum tube amplifier compared to a solid-state system. It uses a total of 20 tubes. (*Richard Buchan – Sun City, CA*)



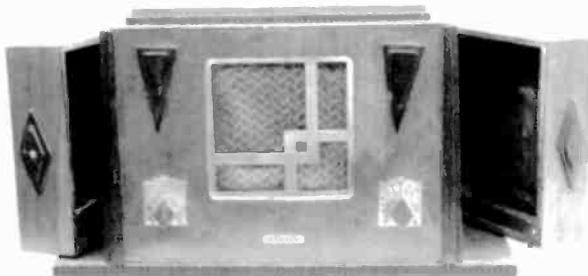
GAROD MODEL 4A1 – This portable radio has a metal case, a molded plastic back and lid, a vinyl handle, and an antenna in the lid. It uses a 67 ½-volt B battery and a 1 ½-volt A battery. (*Randy King – Lincoln, NE*)



CARIBBEAN CRUISER – This 6-transistor radio, made in Japan, measures 10 inches long and has many metal parts, including a removable lifeboat and an engravable plate on the base. Note the two capstans on the fantail, serving as the dial and volume control/on-off switch. (*Randy King – Lincoln, NE*)



GOODYEAR MODEL 015060 – This tombstone style, push-button set, possibly 1940, has a top-mounted speaker and tuning eye. (*Doyle Roberts – Clinton, AR*)



PENTHOUSE BAR SET – Art Deco abounds in this set, from the diamond-shaped knobs to the decorative chrome grille. Measuring 14 inches wide, 8 ½ inches high, and 6 ½ inches deep, it has swing-open sides for shot glasses, as well as miniature bottles and tools. (*Randy King – Lincoln, NE*)

VINTAGE BROADCASTING

Communication Systems in the 1920s

BY ROBERT L. OBERHOLTZER

With my experience in radio going back to 1922, three communications systems installed in the early 1920s still come to mind as notable. These are the immense radio antenna system on Long Island, New York, built for RCA; the Bell Telephone single-sideband technology for transatlantic telephone service; and the German radio station in Tuckerton, New Jersey.

The first two systems can be verified if one can find a copy of *Radio Theory and Operating* by Mary Texanna Loomis, published in 1925. [Fortunately, Loomis' book is on file here at A.R.C. Excerpts from the book are included in this article to support and expand upon Mr. Oberholtzer's recollection of the Loomis book and of his 70-plus years' experience in radio.]

Loomis' book is a thorough technical manual featuring the first patent for wireless telegraphy issued in the United States on July 30, 1872. This patent was issued to her father, Mahlon Loomis. *Radio Theory and Operating* also contains the best technical information available in the mid-1920s including spark, arc, and tube transmitters and many receiver system details. Thanks to the local library, most of my early education in radio came from this good reference book during my high school days in the late 1920s.

RCA'S LONG ISLAND ANTENNA FARM

As I recall, there were 12 antennas radiating from a central transmitter building, each aimed at a specific country. Each antenna was 3 miles long, supported on 200-foot T-shaped towers. Each tower supported 8 heavy wires which were terminated in huge tuning coils about 6 feet in diameter at 3 points along each antenna. The antennas were installed in the early 1920s on

northeastern Long Island, a sparsely inhabited site at the time.

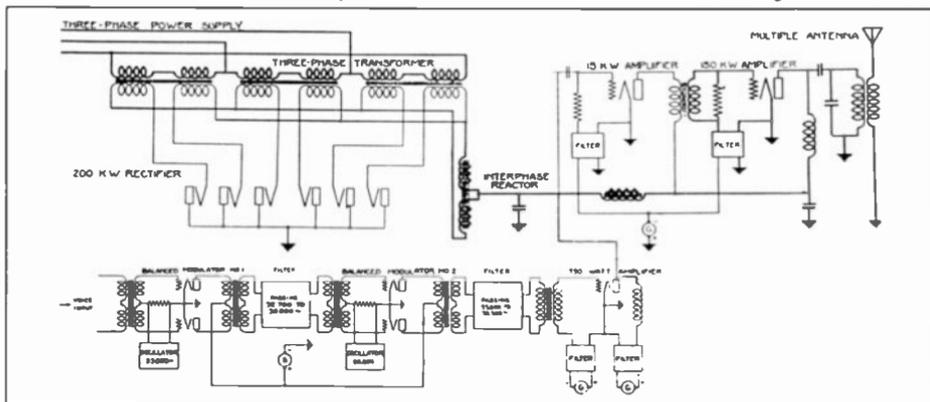
Before the station started transmission, the alternator was connected to the antenna aimed at the country to be contacted. Then the alternator was started and transmission proceeded. The result was a big signal directed toward the receivers in the desired country.

Twelve 3-mile sections of antenna were used for continuous wave transmission at Radio Central, the high-powered station of the Radio Corporation of America at Rocky Point, Long Island. Radio Central comprised three branches or points of operation. This "super station" covered 6,400 acres and was equipped with the 12 antenna units, supported by 72 steel towers and using 10 Alexanderson alternators with a power output of 2,000 kilowatts (2 megawatts).

The receiving station was located 16 miles away at Riverhead. From a centralized control station 70 miles away at a Broad Street office in New York, all messages were sent by remote control or received by automatic relays. The configuration of the 12 antenna units allowed 8 possible antenna combinations. [For readers who have access to the Loomis book, a photo of one 3-mile section of antenna is on page 276 and a drawing of possible antenna combinations is on page 281.]

BELL'S SINGLE SIDEBAND SYSTEM

Back in the early 1920s, Bell Telephone realized the commercial possibilities of voice transmissions to Europe. Because there was no other way to produce enough power for dependable transatlantic phone transmissions, Bell developed a single sideband (SSB) system. In the transmitter, shown below, the audio signal modulated a



Circuit diagram of the single sideband carrier eliminated transmitter, from Mary T. Loomis, "Radio Theory and Operating," p. 430.

33 Kc carrier. A filter then removed the upper sideband and the carrier. A second modulator shifted the SSB signal to the desired output frequency and fed it to a high-powered linear amplifier for transmission.

As in today's SSB operations, a carrier had to be inserted in the receiver for intelligible reception. This was provided by a local oscillator. Apparently, this system was considered too expensive and impractical, and thus it was discarded.

[Loomis notes on page 431 that the *Bell System Technical Journal* of October 1923 published a discussion of the single sideband. This article describes the tests made between London and the telephone station at Rocky Point, Long Island. The Loomis book also describes the single sideband system in considerable detail.]

THE TUCKERTON, N. J. GERMAN RADIO STATION

Information on the Tuckerton transmitting tower was obtained by talking to residents of the area and several historians who had published their findings in local newspapers. I visited the area several times while RCA was using the facility. At that time, I was working at RCA's Camden, New Jersey, plant as a technical writer and editor; this job gave me access to much material not available to outsiders.

About 1915, before the United States entered World War I, the German High Command decided that a radio station was needed on the United States East Coast to direct its U-boats. A sparsely populated area located near Tuckerton, New Jersey, was selected. Without the U.S. government's knowledge, the Germans constructed a high-powered radio station using local help but bringing all the construction materials in by ship. The marshland selected added to the security of the operations, and was just what

was needed for ideal grounding.

The transmitting tower was about 300 feet tall, supported by a giant insulator. There were other smaller towers for receiving. It is believed that this station signaled the U-boat that sank the *Lusitania*. After we entered the war, our government discovered the station and confiscated it for U.S. use.

At the war's end, the location was handed over to RCA for its overseas use. Later RCA made it into a shortwave multiple frequency station with antennas and counterpoises all over the place.

In the late 1960s, the property was sold to a developer to build a village with lagoons. After RCA built its replacement station, the tower had to come down. With much fanfare and the public watching, the tower was dynamited, ending an era for the people of Tuckerton. I was not able to see the tower demolished as I was away on vacation at the time. Today, the road leading to the old station location is still known as Radio Road.

(Ronald L. Oberholtzer, 604 Winslow Ave., North Cape, NJ 08204-3054)

Reference:

Loomis, Mary Texanna. *Radio Theory and Operating, 1st Edition*. Washington, D.C.: Loomis Publishing Co., 1925.

Ronald Oberholtzer remembers back to 1922 when, at 10 years of age, he began to learn the jargon of radio from relatives and friends — Atwater Kent breadboards, loose coupler crystals, 3-circuit tuners, honeycomb coil regenerators, etc. Since then and through 30 years at RCA, he has been on the cutting edge of technology and has constructed every new idea that came along. He continues to make it a rule to go to yard sales to find old radios to repair and sometimes resell.

Early Radio Loomis, Hertz & Fessenden

BY PHILIP WHITNEY

There are those who still believe that Marconi invented radio. Although Marconi put the theories and equipment into practical use, many before him had produced basic equipment some years prior to his efforts. In 1866, for example, the Washington, D.C., dentist Mahlon Loomis successfully transmitted wireless signals from Virginia's Blue Ridge Mountains to Point of Rocks, Maryland, 17 miles away.

Hertz, whose name now replaces the old "cycles per second" term for frequencies, discovered radio waves and experimented with them during the 1890s in Germany.

Another pioneer was Reginald Fessenden, a genius who had been a college professor and Edison's chief chemist. When employed by the U.S. Weather Bureau, Fessenden sent wireless messages along the outer banks of North Carolina early in 1901 for a distance of 50 miles. He used a spark transmitter and an electrolytic detector. An article in *Electrical World and Engineer*

magazine, dated August 1902, described apparatus with a potential range of 100 miles made by Fessenden.

Later, using his high frequency alternator, Fessenden was the first to modulate a radio wave with voice or music. On Christmas Eve in 1906, he broadcast the first entertainment program — a surprise to ship radio operators at sea who heard it. Previously, in 1905, he had sent wireless messages across the Atlantic from his Massachusetts station.

Fessenden's genius made possible the aircraft radio altimeter and sonar, as well as turboelectric drive for battleships. When he died at age 66 on July 22, 1932, in Bermuda, he held over 500 patents in this country alone. He had received many awards for his inventions, but it can now be truthfully said that Fessenden was the first to broadcast an entertainment program.

(Philip Whitney, Route 2, Box 231, Stephens City, VA 22855)

MEET & AUCTION REPORT

HVRA/AWA Convention and Auction Galveston, Texas — May 7-9, 1993

CONTRIBUTED BY SAM JULIANO

The 14th annual Houston Vintage Radio Association (HVRA) and Antique Wireless Association (AWA) convention, billed as the "Lone Star Radio Roundup," was held May 7-9, 1993, at the historic Galvez Hotel in Galveston, Texas. Two large auctions, a swap meet, an old equipment contest, and an awards banquet made an active and enjoyable weekend for a large number of buyers and sellers.

The Friday night auction was for tubes, Bakelite sets, and other lower-dollar value items. A total of 317 lots sold for \$3,581. The high bid of the evening was for a Philmore tube radio kit selling for \$100. Among the good tubes auctioned was a brass-base, tipped 01-A, which sold for \$30.

The Saturday auction offered wood, Catalin, and other higher-dollar-value radios and equipment. Among the many fine cathedrals were several Philco 70s and an uncommon Philco 51. The high bid on a radio was \$600 for a beautiful Midwest console, while the highest speaker bid was for an excellent "dancing girls" speaker.

The 126 lots offered on Saturday sold for \$6,807, bringing the total of the two auctions to 443 lots with gross receipts of \$10,388. Only 66 lots failed to get minimum bids and were passed.

Winners of the Old Equipment Contest were honored at the Awards Banquet on Saturday night. Ron Stone, the former TV anchor for Channel 2, was the guest speaker. On Sunday morning, the weather continued to cooperate for the busy flea market.

The following is a list of selected auction items.

e=excellent, vg=very good, g=good, f=fair, p=poor, N.I.B.=New in Box

Vacuum Tubes

Type UV 200, tipped, N.I.B.	\$30
Type 01-A, brass, in box	30
Type 01-A, (3), g	17.50
Type 12, blue	10

Type 126, blue	10
Type 127, blue	12
Type 45, (2)	12.50, 15
Type 45, Airline	12.50
Type 45, Cunningham	15
Type 45, GE	12.50
Type 45, N.I.B.	15
Type 45, Philco	15
Type 45, (2)	32.50
Type 47, Blue	12.50
Type 50	22.50
Type 71, blue	10
Type 80, blue	11
Type 80, (5)	50
Type 80, old style, (6)	60
Magic Eye Tubes, (2)	15

Radio/Miscellaneous Equipment

AC Dayton XL5 TRF, g	95
Atwater Kent 145 tombstone, f	75
Atwater Kent 20, f	35
Atwater Kent 40, f	40
Atwater Kent 47, g	85
Atwater Kent 55 chassis w/tubes, g	45
Atwater Kent H speaker, g	85
Airline cathedral, e	200
Airline red mini, g	65
Arvin Hopalong Cassidy, red, p	80
Baldwin headphones	17.50
Bosch 5A, g	60
Carbon filament bulbs, (2), g	17.50
Crosley 5M2 tombstone, g	65
Crosley Bullet reproduction	27.50
Emerson 522, f	17.50
Emerson cathedral, f	85
Fairbanks Morse console, f	75
Farr wooden wall phone, f	60
Guild phone radio, g	65
Hallcrafters Marine S22R	22.50
Hallcrafters S58	35
Hickok tube tester	30
Home-brew 3 tube, ca. 1920s, f	40
Land mine detector	10
Magictone bottle, cracked glass	200
Majestic 20 tombstone, g	100
Majestic cathedral, g	155
Nordmende (German), 3-tube, 1933, g	40
Midwest 18-37 console, e	600
Model "T" car radio	17.50
Philco 37-640 tombstone, g	95
Philco 38-12, g	50
Philco 38-7 table, g	52.50
Philco 42-323, f	42.50
Philco 60 cathedral, (2)	f, 55; g, 135
Philco 70 cathedral, (2), e	175; 200

A warning: Auction prices are not current values. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.

Philco 84 cathedral, g	110
Philmore tube radio kit, g	100
Quack medical box w/marble base	10
RCA Radiola 25, f	90
RadioCraft Magazine, 1936	12
RadioCraft Magazine, 1937	15
RadioCraft Magazine, 1938	11
RadioCraft Magazine, 1945	10
Radiola 100 speakers, (2)	20; 25
Rider's Vol. 4, (2)	16; 25
Rider's Vol. 6, (3)	5; 10; 15
Rider's Vol. 7	12.50
Rider's Vol. 9	7
Rider's Vol. 11	15
Rider's Vol. 17	22.50
Signal Corps buzzer (WW I)	35
Silvertone cathedral, g	150
Silvertone small metal	35
Silvertone miniature metal, g	35
Silvertone white metal, g	30

Spartan console, g	100
Stewart-Warner dancing girls speaker, e	215
Radio knobs, box	47.50
Western Electric amplifier, g	65
Zenith black dial consoles, (3), g ..	135; 160; 175
Zenith black dial console, e	210
Zenith chairside, g	115
Zenith Model 4 portable, g	30
Zenith tombstone, g	100
Zenith Trans-Oceanic, f	40

(Sam Juliano, 15718 Falmouth Dr., Houston, TX 77059.)

The Houston Vintage Radio Association (HVRA) holds monthly meetings and special regional events, and also publishes a monthly newsletter "The Gridleak." Dues are \$15. For more information, write to HVRA, P.O. Box 31276, Houston, TX 77231-1276.

Teel Auction

Mt. Bethel, Pennsylvania — June 8, 1993

CONTRIBUTED BY RAY CHASE

A general auction by Robert C. Teel, Route 611, Mt. Bethel, Pennsylvania 18343, on June 8, 1993, included about 60 radios. The auction started at 5 p.m. with radios being mixed in with other merchandise. Due to the large total number of items in the auction, by 9 p.m. fewer than half the radios had been sold. With the audience dwindling, the auctioneer decided to work on only audience-requested items. The auction was terminated at 10 p.m., with about one-half the radios unsold. These consisted of 5 consoles and about 20 run-of-the-mill table radios. There was no buyers' premium.

vg=very good, g-good, f=fair, p=poor, vp=very poor

Automatic Radio Tom Thumb midget, no handle, g	\$75
Emerson midget, brown plastic, 5 tubes, vg	55
Emerson Vanguard 888, 8 transistor, w/carrying case	55
GE F63 Deco wood table radio, 1937, g	65
Loewe Opta, German, 05700, small table AM/FM, g	40
Motorola 5A74 midget, '50s, vg	30
Pilot T1424 large wood table radio, 11 tubes, g	95
Radiodyne Jr. 3-dialer, w/tubes, e	150
Radiola 18, no hood, f-p	35
RCA Victor green plastic, '50s	35
Silvertone portable, fabric case, vg	45
Sterling, '50s Japanese, 4 miniature tubes, white, vg	35
Table radios, (7)	10-25
Westinghouse 34X474 refrigerator radio, paint worn, rest vg	55
Westinghouse WR 12X2, white plastic, case cracked, rest g	35
Workrite Neutrodyne 3-dialer w/tubes, speaker on top, no grille, trim pieces missing, f	150
Zenith clock radio, '50s white plastic, vg	65
Zenith Royal 500, black, no carrying case	65



This Workrite Radio King receiver, with the speaker grille missing, still brought \$150 at the Teel auction.



An assortment of table models at the Teel auction.

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)

(Continued on following page)

Ruder Vintage Radio Auction

Seville, Ohio — June 12, 1993

CONTRIBUTED BY RICHARD ESTES

The Larry Ruder Auction Service held another successful auction on June 12, 1993, at the Seville Auction Barn in Seville, Ohio. Auctioneers Larry Ruder and Richard Estes reported that the big surprises were in the higher-than-usual prices obtained for communications receivers. In addition to the items listed below, over 100 other tabletop models sold for \$15 to \$75, while battery sets ranged in price from \$40 to \$125. Console radios sold well in the \$40 to \$150 range, while test equipment sold for \$5 to \$75. The next Ruder consignment auction is scheduled for October 9, 1993. To consign items, call or write: Larry Ruder Auction Service, 6410 Lafayette Rd., Medina, OH 44256, (216) 723-7862.

e=excellent, vg=very good, g=good, f=fair, p=poor,

A-C Dayton battery set, p	\$30	Heathkit frequency oscillator, e	30
Air Castle wood radio, g	30	Heathkit grid dip meter, g	10
Arcturus Blue tubes, (3)	30	Hickock 640 oscilloscope	25
Astatic D104 mike, new	55	Jackson tube tester	10
Atwater Kent Model 20, f	40	Kellogg console model, vg	95
Atwater Kent Model 20, w/o tubes, f	40	Kolster Model 60 battery set	45
Atwater Kent Model 21 dry cell set, f	170	Lang table radio, Deco, w/metal grille, f	10
Atwater Kent Model 70, vg	70	Majestic Model 20, small console, f	45
Belmont Model 6D111, g	155	Midwest 16-tube chassis, g	25
Bendix Catalin Model 526C, black/green, g	500	Motorola portable Model 76T2, g	30
Bendix end table radio, g	145	Music-Master wood horn, f	35
Bosch cone speaker, f	45	National Model HF receiver w/manual, g	85
Brunswick console phonograph,	170	National NC-100, w/manual, e	170
Champagne bottle radio, f	175	National NC-300, w/speaker, g	175
Clegg 6-meter rig, f	10	Nipper dog plaster reproduction, vg	55
Columbia Q Model phono, g	175	Nipper paperweight, vg	10
Crosley clock radio, white, g	15	Nipper picture, framed, new	35
Crosley Coloradio, green, g	70	Peerless speaker cathedral style, f	35
Crosley Model 56TX, g	45	Philco Christmas ad, ca. '30s, f	10
Crosley Model 58TW, g	40	Philco Jr. cathedral, vg	125
Crosley Model 122BD console, p	40	Philco Model 37-38 tombstone, g	65
Crosley Service Manuals, folder, g	15	Philco Model 42-842 portable, f	12.50
Crosley Coloradio, white, cracked case, p	35	Philco Model 46-420 table, e	75
Dentron amp MLA, no tubes, f	100	Philco Predicta tabletop 21"-TV, blond finish, f	155
Drugstore-type tube tester, g	22.50	Philco Predicta tabletop 21"-TV, mahogany, f	140
Edison Model R-5 console, g	170	QST Anniversary Issues, Sept., Oct., Nov., g	10
Edison standard cylinder phono, 2 min., g	375	QST magazines, box, ca. '50s-'60s, g	20
Emerson Catalin, f	105	Radio Boys at Sending Station, book, g	15
Emerson Model 543, table, white, vg	45	Radiola 60 cabinet, f	30
Emerson Patriot Catalin junker, p	175	Radiola 100 speakers, (2), both as 1 lot, f	20
Fada battery set, w/tubes, g	115	Radiola horn speaker, g	80
Fada Model 845, g	250	Rider Manual #13, f	5
Fada, white Bakelite Plaskon handle, g	105	Sams manuals, box	10
Federal Bakelite table radio, g	20	Sparton console, 1929, g	75
Freed-Eisemann cone speaker, g	65	Stewart-Warner chairside, g	80
Freed-Eisemann NR7, w/tubes, e	155	Stromberg-Carlson Model 110f, vg	55
General Cement dial belts, drawer	45	Studio broadcast records (6), g	20
General Electric Model L632 wood, table, g	37.50	Tom Thumb camera radio, p	30
Guild telephone radio, f	70	Trav-Ler Bakelite radio, white, f	25
Hallicrafters S38E receiver, g	\$35	Trav-Ler portable 5028A, g	15
Hammarlund HQ-129 receiver, w/manual, vg	145	Truetone Model D2718, plastic, g	45
Heath Q Meter w/coils, g	12.50	Vibroplex bugs, standard, (3), g	145
Heath VFO, g	40	Vogue picture records, (2), g	90
		Westinghouse refrigerator radio, white, g	40
		Westclox clock radio, ca. '60s plastic, g	15
		Zenith advertising clock, ca. '60s, f	35
		Zenith chairside 6D337, f	145
		Zenith chairside 10S147, vg	450
		Zenith kite advertising, e	35
		Zenith Model 6D510 table, f	35
		Zenith Model 6D510W, table, white, g	35
		Zenith Model 56-92, g	100
		Zenith porthole television, p	30
		Zenith spinet model, f	300
		Zenith Trans-Oceanic Model A-600, g	60
		Zenith Trans-Oceanic Model G-500, g	65

(Richard Estes, 3166 Ridgewood Rd., Medina, OH 44256.)

Dotta Auction

Nazareth, Pennsylvania — June 19, 1993

CONTRIBUTED BY RAY CHASE

The June 19, 1993, general auction at Dotta Auction Co., 330 W. Moorestown Road, Nazareth, Pennsylvania 18064, included several good radios. The auction started at 4 P.M. with the radios randomly mixed in with other merchandise. There was no buyers' premium.

vg=very good, g=good, f=fair, p=poor, vp=very poor

Bosch Model 58 ornate highboy with sliding doors, vg.....	\$80
Brunswick Model 22 highboy console, with hinged doors, g.....	55
Crosley Model 59 Oracle Repwood clock radio, cabinet and clock vg, grille cloth not original, speaker and dial missing, chassis OK.....	250
GE K50P small cathedral, no grille cloth, cabinet refinished, p.....	65
GE T12 small cathedral, repainted poorly, speaker patched, p.....	17.50
Goodyear "Wings" Deco console, cabinet stripped and oiled, rest vg.....	95
Philco 84 small cathedral, dial face vp, original f to g.....	\$40
Riders, possibly Vol. 1 plus 4, 6, 7, 8, 9, 12 and 13, f.....	60
Sparton Model 301 Equasonne, very ornate highboy console, vg.....	225

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)



\$225 was the winning bid on this Sparton 301.

MARC - AWA Extravaganza '93

July 16-18, 1993 — Lansing, Michigan

COMPILED FROM REPORTS BY JIM CLARK AND JOHN V. TERREY

The Michigan Antique Radio Club (MARC) and the American Wireless Association (AWA) held the 8th annual Extravaganza convention at the Holiday Inn South Convention Center in Lansing, Michigan, July 16-18, 1993. This year's move to a larger facility attests to the tremendous growth and success of Extravaganza. Parking for over 1,000 cars and more than 300 contiguous spaces for flea market sellers (127 sellers, some with more than one space, were counted mid-day on Friday) made a comfortable setting for the 288 family registrants, totaling about 500 attendees.

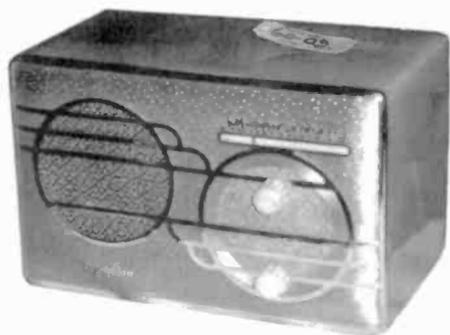
At the main auction on Saturday, auctioneer Jeff Bub gavelled through 244 lots, of which 204 sold for a total of \$19,540. Thirteen lots did not receive the minimum \$20 opening bid, while 27 lots did not reach their reserve. Among the more interesting items were an Atwater Kent 10C breadboard in only fair condition which sold at \$950 and a Detrola Pee Wee in excellent condition which sold at \$1,000.

One of the highlights of Extravaganza '93 was the Social Hour on Friday evening. Instead of the usual formal banquet, this informal affair proved to be a real crowd-pleaser — over 200 gathered,



Alan Jespersion with his Zenith radio advertising sign.

(Continued on following page)



This beautiful yellow Sparton Cloisonne was one of the fine offerings in the auction.

(MARC-AWA Extravaganza '93, continued)

at no extra charge, for refreshments and a well planned program.

Longtime local radio personality Dick Estell spoke on the theme of the Social Hour — "Post-World War II Development in Radio Technology and Radio Programming." A great display of radios of this period was also offered. In addition, the program included a re-creation of the early days of radio by musical groups and announcers.

The following list is a selection of items offered at the Saturday auction.

e=excellent, vg=very good, g=good, f=fair, p=poor

American Bosch treasure chest, vg	.....\$175
Apex cathedral, e	.....105
Arvin 444, e	.....95
Atwater Kent cardboard sign, e	.....150
Atwater Kent 70 chassis, f	.....20
Atwater Kent cone speaker, g	.....40
Atwater Kent 10C breadboard, f	.....950
Atwater Kent 20, w/o cabinet	.....50
Atwater Kent 20, g	.....65
Atwater Kent 37, w/E cone speaker	.....115
Automatic Radio Tom Thumb, Bakelite	.....155
Belmont 6D111, (2), g	.....65; 85
Binocular radio, e	.....60
Blair M11 battery radio, f	.....55
Browning Drake, f	.....40
Cannon novelty transistor radio	.....55
Catalin knobs, (6)	.....60
Collins 75A-2 amateur receiver	.....350

Crosley Showbox, g	.....35
Crosley Gembox, g	.....40
Crosley Ace V, very nice	.....65
Crosley grandfather clock radio	.....325
Crosley 656, g	.....60
Crosley RFL-75 w/speaker, g	.....75
Crystal detectors, (6), g	.....25
Cub wood table radio, g	.....45
Dahlberg, f	.....20
Day-Fan 5069 w/speaker, g	.....60
DeForest Catalog D, e	.....50
Detrola Pee Wee, green/black, e	.....1,000
Detrola clock/radio, very nice	.....355
Detrola chrome front, e	.....40
DeWald A-501 Catalin, each w/crack, (2)	.....105; 205
Echoette cathedral, e	.....185
Edison advertising mirror, e	.....65
Electrohome jewelry box radio, g	.....115
Emerson 520 Catalin, vg	.....125



Bruce Mager of Waves at his table in the flea market.

Eveready Model 1, g	.....40
Fada 352J, e	.....45
Fada 711 Catalin, g	.....250
Fada 652 Catalin, maroon/yellow, e	.....495
Farnsworth chairside, g	.....50
Freed-Eisemann NR7, g	.....40
Freshman Masterpiece, g	.....60
Garod 5A-2, ivory/red, original	.....55
Graybar 330, vg	.....75
Grebe Synchrophase MU1, g	.....145
Hallicrafters Super Skyrider, g	.....165
Hallicrafters SX-62B, f	.....70
Hickok 305 scope, g	.....25
Jewell pin-up radio, g	.....25



This view of one of the many flea market spaces shows the wide variety of items offered.



Rain Buttignol displays some of his wares.



One of the contest entries was this beautiful 1933 Stewart-Warner Model R110A cathedral.



Collectors were surprised to see this genuine 1922 Aeriola Grand in the contest.

Johnson Viking Valiant, nice.....	105
JVC Videosphere TV, not working.....	75
King battery radio, g.....	20
Kolster radio, average.....	25
Korting, vg.....	25
Lewol Best radio, (2)..... nice, 135; e, 145	
Loewe Opta radio, vg.....	40
Lumitone lamp radio, e.....	125
Marconi/DeForest tube, open fil.....	20
Meissner analyst 9-1040, g.....	65
Metrodyne radio, g.....	45
Midwest 16-tube chassis.....	55
Music Master Type 60 radio, g.....	75
National NC-57M receiver, g.....	55
Patterson PR-16, w/speaker, f.....	70
Petite subminiature tube radio, e.....	75
Philco 17 console, g.....	50
Philco 19, g.....	185
Philco 20 chassis & speaker.....	20
Philco 21* Predicta table TV, e.....	150
Philco 60, g.....	75
Philco 70 cathedral, g.....	145
Philco 39-40, g.....	50
Philco 39-45 console, g.....	20
Philco 48-230, g.....	110
Pilot 3" TV, e.....	215
R. Selway Collmus AC radio, f.....	45
Radio Lamp Corp. of America, (2).... f, 85; e, 250	
RCA 102 metal radio, repaired.....	40
RCA 66X8 Catalin, red, g.....	400
RCA Radiola III, w/ tubes, e.....	85
RCA Radiola III, W/brass, tipped tubes, manual, phones, batteries, aerial.....	200
RCA Radiola 17, f.....	30
RCA UZ-1325 horn speaker, f.....	35
RCA 2-sided authorized dealer sign.....	85
RCA Regenoflex, w/2 tubes, g.....	175
RCA 8T148 chairside, f.....	85
RCA tube clock, g.....	75

REL crystal radio, no cabinet.....	135
Sampson transistor radio, w/clock.....	35
Scott 510, w/cabinet, g.....	25
Scott plug-in coil set.....	65
Scott Shield Grid Nine, w/o cabinet.....	625
Sentinel 284 Catalin, w/cracks.....	300
Setchell Carlson, gray/red Plaskon.....	135
Sparton 301 Equisonne console, g.....	325
Sparton theatre-size poster, nice.....	220
Sparton 66 console, f.....	55
Stromberg-Carlson 430H, f.....	75
Stromberg-Carlson electric sign.....	155
Telex coin-op radio, g.....	55
Tower Adventurer cone speaker, e.....	425
Vibroplex key.....	95
Westinghouse RADA, e.....	250
Zenith 500H transistor, black, e.....	80
Zenith 6D311 Bakelite, vg.....	120
Zenith 705, f.....	85
Zenith glass rod radio, f.....	150
Zenith 8G005 Trans-Oceanic, f.....	20

(Jim Clark, P.O. Box 585, Okemos, MI 48864)
(John V. Terrey, c/o A.R.C., P.O. Box 2,
Carlisle, MA 01741)

Photos courtesy of John V. Terrey.

Information on joining the Michigan Antique Radio Club (MARC) may be obtained from Jim Clark, P.O. Box 585, Okemos, MI 48864. Annual dues are \$12. MARC publishes a quarterly bulletin and holds quarterly meets, as well as the annual Extravaganza.

Information on joining the Antique Wireless Association (AWA) may be obtained by writing to AWA, P.O. Box "E", Breesport, NY 14816. Annual dues are \$12. "The Old Timer's Bulletin" is published quarterly. The club holds regional events, as well as the annual Historical Radio Conference.

RESTORATION TOPICS

AC Hum — Tracking It Down

BY ROBERT GATES

Robert Gates has come up with a unique suggestion for solving the problem of hum in classic radios. Perhaps there are readers out there with similar experiences to share with A.R.C. (Editor)

Years of restoring classic radios have taught me much, including showing me where I had better retreat. I have learned that I fare badly in combat with certain kinds of residual hums and am no longer willing to challenge them. But I won't dwell on that; let me instead recount some of the hum-ongous battles that I waged when I was young and knew not of hum-ility.

One of my first challenges involved a 1938 410-G Capehart, a handsome radio-phonograph with 2 IF stages, 3 rectifiers and 6 output tubes. I attacked it confidently, renewing every paper and electrolytic capacitor and replacing all open resistors. Imagine my pride when the set was finally all together and installed in the refinished mahogany console cabinet. Imagine my dismay when both foreign and domestic stations emerged with clearly audible 60 and 120 Hz hum tones, a cacophony uninfluenced by volume control setting.

Obviously, a filter cap was bad, or at least so I thought. I checked each one for value and leakage, replacing a couple just for drill. The hum seemed louder (or perhaps I was more sensitive to it). At this point I deserted, telling myself that this was simply nature's way, and went on to other combat.

But, of course, this "nature's way" rationalization was simply battle fatigue. Classic radios should not hum. I have tested other restorers' work by sticking my ear right into the speaker with the volume turned down. Their rebuilds were as quiet as a retirement-home recess period. Why wasn't mine?

THE CAPEHART CHALLENGE

Capehart 400-Series radios (numbered after the "Four Hundred," the social elite of the time) have two amplifier/power supplies on separate chassis, each with its own speaker. In many sets, one amplifier is for the bass and midrange, the other for the treble. Since my hum came from the bass unit, I focused upon it when I returned to the set.

A little before this, working on a table model of indifferent quality, I diminished a stentorian 120 Hz tone by increasing the capacity in the R-C filter. But even when I doubled the values of the filter caps, the drone was still apparent. And it was not a good thing to do to the rectifier, because the outrush current upon warm-up became more than the tube would care to handle. I would not play that sort of game with the Capehart.

I read somewhere that ground faults might be

responsible. Man, did I re-solder grounds! I fiddled with grid and heater lines to no avail. Finally, with my back to the wall, I built a steel barricade to surround the power transformer and rectifier tubes and mounted it on the chassis. The hum was reduced to a tolerable level, and I again deserted the Capehart. Apparently there had been sufficient coupling between the power transformer and the adjacent output transformer to create an audible output where none should have existed — what a funny way to design it.

"I have tested other restorers' work by sticking my ear right into the speaker with the volume turned down. Their rebuilds were as quiet as a retirement-home recess period. Why wasn't mine?"

I know from experience that power transformers, interstage transformers, output transformers, chokes and all other inductors both mutual and celibate, forever lie in ambush. I've had sets come back with only a sullen silence to show for my work, or making a popping and frying which I would finally track down to something irreplaceable wound with copper hair. Another Capehart would fire off a cannon every time I turned it on and snap at me while it played. I eventually located the interstage transformer which was letting go and put in a dissimilar unit, only to find that I had improved the high-frequency performance by the swap. You just never know how it will work out.

THE MCMURDO SILVER CHALLENGE

My next war story concerns a McMurdo Silver Masterpiece VI, chromed within an inch of its life, which emitted a loud 120 Hz snore after a total overhaul. As before, the buzz was not changed by the volume control. Everything checked out — lead dress, grounds, capacitors, you name it. With the Capehart in mind, I turned to the inductive parts of the power supply filter.

The first thing I noticed was an industrial-strength AC magnetic field surrounding each of the two chokes. My screwdriver tip would vibrate when brought near either one. It occurred to me then that these components, placed cheek-by-jowl, were inductively coupling, passing code messages in the dark of their Bifarian enclosure — Silver's name for the bass-flex speaker enclosure used on these radios. I reversed one of the lead pairs, but that didn't help. Finally, I spliced in wires and removed the input choke from the

chassis. The humming all but stopped.

What nagged at me then was the following:

1. Why did McMurdo Silver go to the trouble of chock-mounting these coils only to overlook magnetic interaction?

2. How could he have missed the hum in the first place?

3. Why don't E.H. Scott's dual chokes, which have similar mutual orientation, couple? Do they have the same flux leakage? (The answer to the last question, in the sets I have explored, is "no." The screwdriver test showed very little field escaping these units.)

4. Assuming that Silver really did make a quiet radio, what could have taken place to make it hum?

Reviewing all I had done in the rebuild, I could not spot anything contributory. Although replacement capacitors were installed, they were located as were the originals, right down to having new innards put into the top-mounted electrolytic cans. And, as I have said, no other changes were made; the filter chokes were left as the only culprits. With both again in position, I quieted the radio with a surreptitious wrap of mu-metal over the laminations.

I did more screwdriver tests, and found big differences between sets. The screwdriver hardly quivered when waved at the power transformer of a Scott Philharmonic, but it danced over the Capehart. Other radios gave variable results, but there was some correlation between screwdriver action and residual hum. Once these observations were in place, a theory began to emerge.

A THEORY

Most transformers and filter chokes consist of a coil form placed over a laminated core. The laminations have to be shaped to allow insertion after the coils are wound, which in turn means that no individual piece can provide a closed magnetic path. The flux must pass through the sides of each lamination to adjacent segments to complete its traverse around and through the coil, every interface acting as a small air gap.

If oxides build up in these air gaps, they may become less permeable. Perhaps they are opened as ice splits a rock, perhaps the relative permeabilities of the corrosion products are controlling. Whatever the cause, as the magnetic circuit becomes impaired, the leakage flux increases, increasing the coupling to susceptible neighboring components.

If my theory is right, it means that before you buy a classic radio that isn't playing or has a residual hum, you must plan your campaign carefully. Your best strategy would be to ask the owner to pull laminations out of the choke and transformers to make sure they are rust-free. But if you don't mind, I'll wait outside in the Jeep while you suggest this.

(Robert Gates, 251 Mountainside Rd., Mendham, NJ 07945)

Robert Gates has been interested in vacuum-tube circuitry and the Heath Company since the early high fidelity days of the 1950s. Although his work then was largely in acoustics, he now spends odd moments restoring old radios for friends and himself.

OOPS! — Philco Radio Survey

Ron Ramirez reports that a number of errors crept into the Philco Radio Survey appearing in our August 1993 issue. Some were typos and some were in the data available to us. So, get out your issue and make the following corrections (most are indicated by underlining>):

1. Under **Basic Identifying Methods**, second paragraph, "Model 70" was used to designate High-boy consoles as well as cathedrals.

2. **Figure 4** is a Model 90.

3. Under **Data Guide Explanation**, Trimmer paragraph, add: "In early Model 20s with one or two trimmers, one may be mounted under the chassis."

4. In the **Figure 7** tube layouts for the early and late Model 70s, the serial numbers should read

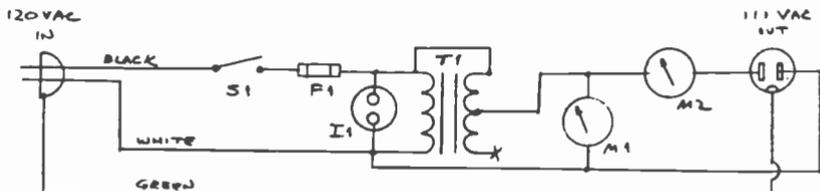
above and below B-22,000.

5. In the **Figure 7** tube layouts for the Model 90s:

(a) The serial number ranges should be the same as in the Data Guide. (b) The early and mid-Model 90 tube layouts should be reversed. (c) The tube layout for the late Model 90 should have one more tube (a 27 to the right of the left-most 27) and the four tubes (2-47s, 80 and 27) should be moved upward about one-tube diameter. (d) Delete the "1st, 2nd and 3rd type" designations on the tube layouts.

6. In the **Data Guide**, the No. of Tubes-Types column for the late Model 70 should read: 3-35, 1-24, 1-27, 1-47, 1-80. The mid-Model 90 listing should be corrected to 3-24 and the late Model 90 listing should be corrected to 1-24.

OOPS! — Line Voltages and Old Radios



Rudy Cartier noticed that Figure 2 in the article "Line Voltages and Old Radios" (A.R.C., August 1993, p. 21) is incorrect. The transformer portion of the wiring should have been the same as in Figure 1 of the article. The corrected schematic is shown above.

CLUB SPOTLIGHT

NEW JERSEY ANTIQUE RADIO CLUB NJARC

The New Jersey Antique Radio Club (NJARC) started in July of 1992 with fifteen charter members gathering at the Monmouth County Library. Club president Tony Flanagan had placed ads in some magazines and newspapers about his intention to form a new club several months before the club was formed. The club has quickly grown to a membership of 84 — mainly from New Jersey, with a few members in New York, Pennsylvania, New Hampshire and Massachusetts. The members, from all walks of life, have different "specialties" within the hobby, but have in common a passion for collecting, restoring, buying, selling, trading or otherwise busying themselves with old radios.

The purpose of the club is to foster camaraderie and the sharing of information. Members enhance each others' technical expertise.

The NJARC launched its 6-page quarterly publication, the *New Jersey Antique Radio Club News*, in March of 1993. The newsletter includes meeting notices and notes, articles, and classified ads (free to members). Members are encouraged to submit articles.

The club holds regular monthly meetings in Freehold, New Jersey, on the second Friday of each month at 7:30 P.M. at Grace Lutheran Church, West Main Street and Park Avenue, the old Route



The New Jersey Antique Radio Club logo.

New Jersey Antique Radio Club, Inc. NJARC

Dues: \$10.00 per year

Publication: *New Jersey Antique Radio Club News*, published quarterly

Membership year: 12 months from joining
Officers:

President:

Charles A. "Tony" Flanagan, Jr.

Vice President: Michael Hammer

Secretary-Treasurer:

Kathleen Flanagan

Technical Coordinator:

Thomas Provost

Sergeant-at-Arms/Steward:

Don Cruse

Newsletter Editor: David Sica

Trustees: Mark Mittleman

Ludwell Sibley

For membership information, applications:

Kathleen Flanagan

92 Joysan Terrace

Freehold, NJ 07728

(908) 462-6638

33. Each meeting features a program about repair or refinishing radios and a mini-swap meet. Also available at meetings is a tube tester for the use of members. NJARC holds three swap meets a year.

The NJARC Tube Program functions as a member service and as a club fund-raising endeavor. At each club meeting and swap meet, a selection of tested tubes is available to members, making replacements available year-round and raising funds for the club treasury. Members are encouraged to donate new or used tubes at club meetings. Ludwell Sibley, initiator of the program, cleans, catalogs and packages the tubes for resale, with proceeds going to the club.

Another NJARC fund-raising activity is the sale of T-shirts.



New Jersey Antique Radio Club News

The banner from the "New Jersey Antique Radio Club News."



BOOK REVIEW

Radio! Radio! — Second Edition

By Jonathan Hill

BASED ON A REVIEW BY RICHARD FOSTER

After several years of being out of print, Jonathan Hill's book on British sets — "Radio! Radio!" — is now available in a second edition. Published in 1986, the 6,000-copy first edition sold out by the early 1990s. On the second-hand market, copies of this first edition have been selling for \$75 to \$150.

Jonathan reports that the new second edition contains: (1) corrections of the few factual errors in the first edition, (2) a new A-to-Z listing by manufacturers of all the radios in the book, (3) a new subject index, (4) a new preface (5) a new directory of trade names and manufacturers, and (6) better quality paper and photos. It is available only in hard cover, and all copies are numbered and signed.

In A.R.C.'s March 1987 issue, we ran a review written by Richard Foster of the first edition of "Radio! Radio!" Here we present an updated version of that review. (Editor)

This a beautiful book, a thing of real quality. Jonathan Hill is thorough, accurate and very knowledgeable. It is little wonder that the demand for a second edition has steadily increased in recent years.

The broad plan of the book is to give a brief history of early developments touching on such figures as Wheatstone, Faraday, Maxwell, Tesla and others. The second edition also acknowledges Loomis and Goldschmidt. The fundamental inventions and people are all there. This well illustrated book invites the eye to move over early developments in wireless proper up through World War I, and then to take in the broadcast years in a decade-by-decade view.

A set of chronologically arranged photos accompanies each main section. The very detailed captions must contain as many words as the text itself. Jonathan reports that the text and caption word count is 180,000! In all, there are nearly 1,000 figures. As if this were not enough, there are 12 appendices, including an illustrated loudspeaker

encyclopedia.

The essence of the book is contained in five chapters, each covering a decade from the 1920s through the 1960s. Within the chapters, subjects like wireless design, broadcasting service, TV, foreign stations, and the like are covered in depth. It is clear that a lot of thought went into Hill's format, and that there are sound reasons behind his choices. For example, I thought at first that the grouping of sets by manufacturer might have been a more useful idea for collectors, but the more I looked at the pictures, the more I appreciated the chronological arrangement and the possibility of comparison.

Mr. Hill may be criticized for brevity. I won't do it. He moves us expeditiously from the basics, well documented in many books, to the real point of his book — a history of radio in Great Britain. He nicely draws the distinction between inductive communication and the true reception of Hertzian waves. Branly gets his due as the inventor of the coherer, the first practical device for detecting the presence of radio waves. Marconi and other wireless pioneers, the dramatic use of wireless in the trenches of World War I, Baird and his TV experiments — these are only a few of the historical topics covered.

An alphabetical manufacturer index of all radios is easier to use than the one in the first edition, and the excellent subject index is arranged in chronological sections.

To design a good index requires courage and stamina. To create such a book requires even more. *Radio! Radio!* is a fine work right down to its beautiful cover, and one that no serious collector or historian can afford to overlook.

Radio! Radio! is published in an 8 1/2 x 12 format by Sunrise Press, Bampton, Devon EX16 9LY, England, and is imported by *Antique Radio Classified*. It has 244 pages and over 900 photographs. Priced in the U.S. at \$44.95, it is available from *Antique Radio Classified*, Antique Electronic Supply and other book sellers.





CLASSIFIED ADVERTISEMENTS

FOR SALE: Heathkit GR-11 FM radio - \$10, AJ-63 FM tuner - \$25, Lafayette LT-20A AM/FM tuner - \$25; all are tube type. 1 mil reel-to-reel used tape, mostly Scotch 150; 3600' - 50c, 1800' - 25c. Shipping is extra. Louis J. Philipp, 502 Greenwich Ave., Paulsboro, NJ 08066. (609) 423-4306

FOR SALE: Cabinet standard 6-foot ventilated sides, full removable rear door - \$70. General Radio impedance bridge 650A - \$60. GR standard signal generator 605B with 605 power supply - \$60. Items in NJ available September; cabinet pick up only. Joe Monego, W2OFB/4, Rt. 1, Box 299, Keysville, VA 23947. (804) 736-9969

WANTED: Tube hi-fi & commercial amplifiers & speakers: Altec, Scott, Fisher, Dynaco Brook, Western Electric, RCA, Jensen, Electro-Voice, J.B. Lansing, Fender, Gibson, Vox, Heath, Eico. Audio power tubes & hi-fi catalogues, Allied, Lafayette, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

WANTED: Propeller and lifeboat for cruiser radio, (Novelty Radio Book by Breed, Plate #39). Harry Blesy, N9CQX, 2409 Northgate, No. Riverside, IL 60546. (708) 442-8855

FOR SALE: Pamphlets, all copies: Warped Records Straightened & Record Care - \$10. 101 Ways To Use VOM & VTVM - \$10. 1963 Tube Substitution Guide - \$5. (100) (1923) Radio Hookups - \$10. 1931 How to Use Radio Set Analyzers - \$10. 1933 Radio Stars and Stations - \$10. Sams Dial Restraining Guides; DC1 - \$15, DC2, DC3, DC4, DC6 and DC 8 - \$10 ea. Sams TPI Radio Tube Replacement Guide 1938 to 1948, 1880 sets listed - \$20. Profitable Transistor Radio Servicing by Motorola - \$10. All Electronic Alternator Systems For Cars by Motorola, 1961 - \$10. 1924 Practice and Theory of Modern Radio, 20 lessons - \$20. Book list available send LSASE w/58c postage. Needles for all phonographs. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: Radio paper items about standard AM broadcast stations, shortwave broadcast stations and the radio listening hobby, 1920-1955. Old station lists, "radio log" booklets, radio maps, radio club bulletins, QSL-cards, "applause cards," postcards picturing stations, EKKO stamps, RADEX magazine. Not interested in radio personalities, programs or ham radio. Contact: Jerry Berg, 38 Eastern Ave., Lexington, MA 02173. (617) 861-8481

FOR SALE: Send \$3 to receive our latest 40+ page catalog of rare 78 rpm records, cylinders and related items. Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389-3643

WANTED: McIntosh 60 hi-fi amplifier. Will pick up within 200 miles. Frank Czaja, 8968 West Forest Home, #4, Millwaukee, WI 53228

WANTED: Early (vacuum tube) novelty radios, parts or basket case sets. Jack Gray, 1162 Broadmoor Dr., Napa, CA 94558. (707) 226-2550

WANTED: Braun, Tandberg, and Bang & Olufsen items: radios, stereos, stereo speakers. Daryl Jorud, R #1, Box 180, Battle Lake, MN 56515. (218) 864-5725

WANTED: Sony CRF 320/330/6800; Panasonic RF 8000/9000/B 600 and other; Magnavox D 2999; Zenith Trans-Oceanic; Eddystone 940; WRTH '78-80-90-92-'46-'47. Advice conditions and manual and price included air mail or surface cost. Send: Sabino Fina, via Cesinali, 83042 Atripalda (AV), Italy

FOR SALE: Crosley 158 - \$200. Philco 610 - \$90. RCA 66X13 - \$55. List avail. Dave Sutherland, PO Box 201, Spofford, NH 03462. (603) 363-4459

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A.R.C. Advertising Policy

Sellers and Buyers, Please Note!

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

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FOR SALE: Test equipment. Hickock OS-10 sig. gen., one of two escutcheon dial covers missing, g - \$35. Clough-Brengle set CRO 3" oscilloscope, g; OMCB sweep gen., g; CLB60007 cap. res. bridge, g; OMA sweep gen., no handle, g; CLB6000 cap. res. bridge, no cover, f-p; all five - \$125. DuMont 348 audio osc., vg, works - \$30. Hickock 610A TV/FM sig. gen., (2), g - \$15 each. Hewlett Packard HP130C scope, no bottom - \$45. RCA WR53A FM sweep gen., g - \$15. Hickock 810 transistor radio tester, f - \$15. Sencore CG126 color bar gen., f-g - \$15. Simpson 383A Capacohmeter, f - \$15. Superior TV50a Genometer, 3 knobs not original, f-g - \$17.50. RCA WR99A marker gen., f - \$10; another, g - \$17.50. RCA WV87A VoltOhmyst, no handle, f-g - \$12. Tracex 501, unusual sig. gen., f - \$15. RCA WR64B color bar, dot, crosshatch gen., f - \$10. RCA WR69A TV/FM sweep gen., no handle, g - \$15. Hickock 600A tube tester & case, g - \$40. Sprague TelOhmite TO-3, f, works - \$10. Eico 320 sig. gen., works, g - \$15. Helwig Mickelson 240v DC mirrored meter in wood covered wood case, g-vg - \$40. Solar CC-1-60 cap./res. checker, f - \$10. Sprague 16 TelOhmite, not working, f - \$7. Conar 311 cap. checker, vg, works - \$15. Eico 221 VTVM, works, g - \$12.50. Sprague Kwick Test KT-1, f-g - \$7. Leader LV76B VTVM, g - \$12. BK 175 VTVM, g - \$12. Weston cap. meter and separate res. V. meter, both in oak case - \$45. Unknown res. decade box, g - \$8. Heathkit SG-6 sig. gen., g, works - \$15. Heathkit cap./res. checker, g, works - \$15. Accurate Instrument Co. 153 RF gen. AF sig. tracer, no pointer, f-g - \$12. Unless stated otherwise, not tested, appear complete, no cables. Plus shipping. Eugene Rippen, 105 Donnington, Auburn, CA 95603. (916) 885-6147



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SERVICES: Amateur radio repair, tube or transistor, most models maximum labor charge \$96. Dan Rupe, W7HBF, 1302 S. Uplands, Camano, WA 98292. (206) 387-3558

CLASSIFIED AD NOTICE

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

FOR SALE: Code keys, telegraph items, parts, radio, quack, memorabilia, meters, etc. 9-page list - \$1 plus LSASE. Dr. Joe Jacobs, 60 Seaview Ter., Northport, NY 11768

WANTED: Catalins & Plaskons; radios & parts, early Bakelites, radio; brochures, flyers and sales catalogs. Ross Litrenta, 1 Wilton Rd., Eastchester, NY 10709. (914) 337-7176

SERVICES: Restoring burned out filament 201A tubes into "brand new" working condition. Send LSASE. Jacob Anthes, Box 52, Lutz Rd., Glidden, WI 54527. (715) 264-5004

WANTED: Oil and mercury vacuum pumps and gauges for radio tube mfg. and science. Ed Graper, 5960 Mandarin Ave., Goleta, CA 93117. (805) 964-7117

WANTED: Antique brass microscopes. Scientific and medical apparatus. Optical and electrical. Allan Wissner, Box 102, Ardsley, NY 10502. (914) 693-4628

FOR SALE: Pick up only TV's, TV's, TV's. 1948 Hallcrafters Projection #T60 - \$300. 1948 RCA tabletop with stand 8T-244 - \$150. 1959 Sylvania Hailolight - \$75. 1949 Raytheon 12" porthole - \$150. Zenith floor model G2438F - \$150. Zenith tabletop 12" porthole, Model G2327 leatherette - \$150. GE 821 tabletop - \$100. Westinghouse #223, 10" - \$150. Philco console 10" TV #1475 - \$100. Admiral console 4H1453, 10" - \$75. Admiral 36 x 36 console, 16" round tube, 1949 - \$75. Pick up only 16" & 21" Philco Predictas. Lambert Eulenfeld, 1414 Azalea Dr., Jacksonville, FL 32205. (904) 384-6743, 7 pm to 10 pm

WANTED: RCA 1B73 transistor radio, any color considered. John Kelly, 17510 Sir Galahad Way, Ashton, MD 20861. (301) 774-8186

WANTED: Food related novelty radios. Toni Blesy, 2409 Northgate, No. Riverside, IL 60546. (708) 442-8855

FOR SALE: Raytheon 8TP2 - \$145. Boys radio, 2 transistor - \$55. Universal PTR-81B - \$35. Magnavox AM-80, turquoise - \$35. Holiday HF-601 - \$20. Gard 4A1 - \$45. Raleigh 619 - \$30. Toshiba 6TP-308A - \$50. Victor TS-651 - \$35. Continental 150 - \$55. RCA 25B - \$20. Panasonic R-1038 - \$20. Sony TR-3800 - \$20. Channel Master 6506 - \$60. Zenith 6D612 - \$25. Zenith Y615G - \$35. Admiral 5A33 - \$25. Emerson white spring handle - \$45. Will trade for tube hi-fi & commercial amplifiers & speakers. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

FOR SALE: Motorola indoor sign, fluorescent, 26" x 15", advertising 1st solid-state TV - \$150 plus shipping. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: Junker cathedral radios, restorable or junker Philco radios with 8 or 9 push buttons. John Lopez, 825 Lees Dr., Las Cruces, NM 88001. (505) 527-8515

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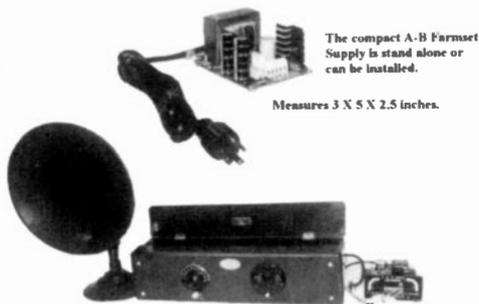
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FOR SALE/TRADE: JVC-BR6400TR-1/2" VCR/digital audio tape deck w/manual, stereo VU meters, NTSC, PAL, SECAM modes, many other features. This is a large professional TV studio unit, mint; cost \$3,000+ new, sell - BO or trade for vintage ham gear/Alpha linear. C. Zafonte, RFD 1, Box 75, Fort Kent, ME 04743. (207) 834-6273, evenings

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FOR SALE: RCA 91A Announce Stand. The proper stand for displaying your 44BX microphone - \$150. John Kelly, 17510 Sir Galahad Way, Ashton, MD 20861. (301) 774-8186

WANTED: Reasonably priced small AM transistor radios, working or not, will buy your collection. Douglas Ferrero, WB8YNZ, 33673 Chatsworth, Sterling Heights., MI 48312. (313) 268-3677

FOR SALE: Jukebox Collector magazine; subscription - \$30, sample - \$3. Jukebox Collector, 2545 S.E. 60th Ct., #105, Des Moines, IA 50317

WANTED: Yellow trim pieces for a Fada bullet. Also have two maroon and yellow Temples, one with insert grille and one without; and large red Addison to trade for other Catalin radios. Richard O. Gates, PO Box 187, Chesterfield, VA 23832



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Andrew Mooradian
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FOR SALE: 1950-60 Olds Cutlass car radio with front plate, does work - \$35, SASE. Jim Bates, 1335 Muirfield Dr., Schererville, IN 46375. (219) 865-8361

WANTED: Wanted to buy or trade: Browning-Drake radio and CB items. Carl Webster, 503 W. Porter, Palestine, IL 62451. (618) 586-5122

FOR SALE: Mint DeForest D-10, beautiful cabinet with DeForest loop and complete set of five coils. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253. (602) 947-1375

WANTED: Cathedral cabinets for Philco Models 20, 70, 90, bad trim OK. Will be at Elgin. **FOR SALE:** Used 5U4 tubes, tested - \$3.50 plus shipping. Marion Van Hal, 1328 Orchard, Pella, IA 50219. (515) 628-2347

WANTED: Surplus electron tubes. Let us bid on your electron tube list. Mail or fax us a copy. **MESSAGE:** Call or write for a copy of our tube catalog, Tube Times. A comprehensive listing of new and used tubes and parts for restoration, repair and experimenting. John Burdick, S&J Electronics Inc., 2219 Industrial Dr., Madison, WI 53713. (608) 222-4900. Fax (608) 222-4970

FOR SALE/TRADE: Weston electrical meters, two voltmeters, ammeter, 7-in. diameter, patent date 1913 - \$20 each plus UPS. David Buck, 3630 Wilcox St., San Diego, CA 92106. (619) 224-5821

FOR SALE: B&K Model 700 tube tester, good condition - \$75. B&K digital bench meter, like new, with booklet - \$50. All plus shipping \$15. Other test equipment, send needs & SASE. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481

WANTED: 1920's home brew battery set junkers, 1920; battery set parts - audio and RF transformers, fixed and variable capacitors, grid leaks, variocouplers, variometers, vernier dial drives, etc., etc. Please, your junk is my treasure! By the set or barrel full. Peter J. Bertini, 20 Patsun Rd., Somers, CT 06071. (203) 749-7186

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FOR SALE: RCA Model 6-T tombstone, works well, 1930's circa - \$150. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Nordemende Electra USA, must be in excellent condition. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

WANTED: Antique light bulbs with tips, open frame motors, pre-1920 fans. **FOR SALE:** Philco 70 cabinet - \$60. Gene Baudouin, Rt. 1, Box 247, Hahnville, LA 70057. (504) 783-2610

FOR SALE: AK 20C, 33, NT - \$75 ea. **WANTED:** Grebe and early Crosley radios, amps, and especially parts. Frank Hagenbuch, 1440 Lafayette Pkwy., Williamsport, PA 17701. (717) 326-0932

FOR SALE: N.O.S. 45 tubes: (2) Sylvania, (2) Philco - \$20 ea. Rider's Radio Manuals 2, 19, 6 to 14 - \$20 ea. + UPS. Robert Van Osdol, 401 E. Main, Morrison, IL 61270. (815) 772-2719

WANTED: Round plastic lens for Bakelite Admiral radio-phonograph 6S12N. Lens for RCA 6BX63. Robert Rossi, 10936 Melbourne, Allen Park, MI 48101. (313) 386-8321

FOR SALE: 1934 RCA 211, lowboy Globe dial, plays, good condition, pickup preferred - \$65. John Koop, 48 Wheelbarrow Ln., Wantagh, NY 11793. (516) 731-6711

FOR SALE: Altec 15" speaker Model 415A BiFlex in bass reflex enclosure, pickup! - \$135. Don Mier, 4009 N. Foxdale Ave., Covina, CA 91722. (818) 338-9225

WANTED: Circa 1938 Detrola (Truetone) 155; manual for VIZ WR-550B function generator. Al Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

WANTED: Battery knob for Freed-Eisemann NR-7. Also need wooden knobs for AK 185A (A.R.C. Aug. '92, p. 14). Neal Buddenberg, 11834 88th Ter., Seminole, FL 34642-3535. (813) 399-0043

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FOR SALE: Hickok military tube tester #546 - \$40. Elements of Radio - \$5. Copyright 1901 Swoope's Lessons in Practical Electricity - \$15. Ghirardi Radio Physics, 1930 - \$7.50. Radio Handbook - \$5. Volumes 1 thru 6 Coyne Radio and Television - \$20. Navy Basic Electronics - \$2.50. Reproduction 1922 Wards Radio Equipment - \$2.50 ea. Tube manuals - \$2 ea. Sam Dial Cord Stringing Guide - \$7.50. Tube substitution - \$1 each. 1922 Beckley-Ralston Radio Catalog - \$15. National Radio Institute pennant - \$10. Practice key, N.I.B. - \$15. Tim Metz, 221 Wheatland, Fairview, OK 73737. (405) 227-2456

SEND ALL A.R.C. MAIL TO
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FOR SALE: Kenwood R2000, new - \$499. BC-453-B Western Electric - \$45. Temco UHF receiver 53-260 MHz - \$125. Chicago Geiger counter - \$35. Zenith wood table AM/SW 6D219, nice - \$75. Ernest Odeneal, 2710 Lee, Greenville, TX 75401. (903) 455-2113 or 5788

WANTED: Schematic for Allied Knight Span Master receiver. Copy OK. Remo J. Vinassa, KB5WBW, HC 61, Box 222, Norfolk, AR 72658. (501) 499-7685

FOR SALE: Radio Craftsman ampl. C-400 - \$12.50. Knight cond. tester - \$12.50. Binocular radio TV - \$29. Thanks. Jerry J. Schaefer, 931 North 4th St., Grand Forks, ND 58203. (701) 772-2991

FOR SALE: Emerson 811, brown, (Bunis 2) - \$30. Airline 13 tube movie dial console 83-WG403B - \$135. Philco 53-560, black/gold Bakelite with white tuning dial - \$35. Crosley 11-100U parts set - \$35. Channel Master 6509 red transistor, (Bunis 2) - BO. Limark black/white transistor T-65, chip in back - \$30. McDonald's French Fry N.I.B. - \$50. Hallcrafters S-53 - \$35. Ekco U-29X '40's British set, brown Bakelite with white Bakelite wrapover grille, excellent condition - \$150. Peerless globe transistor, (like Breed 47) - \$25. Emerson 510 - \$25. Radio & TV News, 48 issues, '49-55 - \$1 ea. Telechron 8H67 (Bunis 2) - \$25. RCA 158P '30's portable, excellent condition - \$35. Mitchell 1268R (Bunis 2) - \$30. All plus UPS. Barry McDaniel, PO Box 5544, Little Rock, AR 72215. (800) 755-3326, days

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WANTED: \$100 bill for a clean, nice condition working Crosley table radio 1953 Model E-10BE, white case, (Bunis, p. 50). Larry Mitchell, 7963 Depew St., Arvada, CO 80003. (303) 428-8760

WANTED: Help! Desperately needed: 1. Escutcheon for Sparto push-button tombstone. 2. Crystal hardware for ceramic beetle. 3. Ola tubes, colored or brass based. 4. List of cathedrals/tombstones with clocks. 5. Spark & Tesla equipment. Mel Rosenthal, 5 The Strand, New Castle, DE 19720. (302) 322-8944

FOR SALE: Electronic Supermarket: Transformers, OP=12.2VCT-6A, 8.5V-5A, or 20.7V-5A, - \$10/3. OP=40VCT-1.5A - \$10/4. OP=48VCT-3A, 15VCT-1A, 25VCT-25A - \$10/3. Wall type 9.2V-20mA - \$2/6. Sockets miniature 7 or 9 pin - \$3/9. Vacuum pump, solid-state Variac 20A, scientific calculator, Tec-200 image film, L-E-D sequencer boards - \$1/2. Projector still picture, linear amplifier, DC fans, grab bags, relays, hardware, copper clad, silver mica caps - \$5/100. 7805T - \$2.50/10. 100ufd-450VDC, phototransistor BX38-3 NPN T0-18 - \$2/6. LSASE. 5001 great buys! Fertik's, 5400 Ella St., Philadelphia PA 19120. (215) 455-2121

FOR SALE: Marconi Wireless on Cape Cod, 1901-17, by Whatley, softcover booklet with photographs - \$10 ppd. Jerry Simkin, 10 Avalon Ln., Matawan, NJ 07747

WANTED: Top dollar paid for an original back cover for an Emerson BT245. Thanks. René Kahiau, PO Box 65, Princeton, MA 01541. (508) 464-2049

WANTED: Odd brand 01-A tubes. Prefer in box but will even buy buds of ones I don't have. I will be at Elgin and Rochester. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517

WANTED: Outside horn Victor, Edison and Columbia tabletop wincup phonographs. Need not be working or complete. Also any phonograph related items: needle tins, record dusters, Nipper, RCA Victor advertising. Immediate case paid. My prices are better. Bernie Seinerberg, K3RSW, 801 Sand Wedge Ct., Warrington, PA 18976. (215) 343-7743

FOR SALE: Military tube testers: TV-2C and USM-118 (Cardmatic by Hickock) - \$225 ea. Mike Barney, 242 Little Hill Dr., Stamford, CT 06905. (203) 329-1631, after 8 pm

WANTED: Junker cathedrals. Will pay to \$50. Love woodworking. No damage is unrepairable. Rich Hale, 1329 N. Park, Cincinnati, OH 45215. (513) 821-0819

FOR SALE: Sams Photofacts #112 to #1984 (1950 to 1981) - \$8 ea. Sams Auto Radio Manuals #14 to #222 - \$8 ea. Jesse Armstrong, 220 Oakdale, Pasadena, TX 77506. (713) 473-8925

FOR SALE: Sams #393-1700 - \$250. Call: C. Noelle, 20 Waverly Ave., East Rockaway, NY 11518. (516) 887-4551

WANTED: Attention National SW-3 owners! I am researching construction details on this great collectors radio. Please help by filling out a questionnaire that I will provide. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (909) 797-1782

WANTED: Zenith Long Distance Model 6S222, 1937, (F.O.S., p. 192) - \$200, if mint and works. Gil Arroyo, 2766 S.W. 167 St., Seattle, WA 98166. (206) 244-2344

FOR SALE: Parting Viking II ar d HQ120X, need SX101A main tuning knob. Tom Marcellino, W3BYM, 13806 Parkland Dr. Rockville, MD 20853. (301) 871-7463

WANTED: Old catalogs and instruction books for General Radio Company equipment. John P. Tiedeck, 212 Grandview Rd., Media, PA 19063. (215) 566-8049



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WANTED: Vibroplex keys damaged or incomplete, rusty broken old bugs; Lionel, McElroy, Bunnell, Martin. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224. (716) 675-0160

WANTED: Philco 60 cathedral cabinet in good condition. **FOR SALE:** RCA V301 console, 1940, AM/3SW w/ orig. owners manual - \$50. Colin Spence, 107 Pittsburgh Ave., Massapequa, NY 11758. (516) 541-9597

FOR TRADE: Mint unbuil Knight Ocean Hopper kit for my wants (diff. in cash): Scanning disc TV; Quaker Oats, Murdock or factory Navy coupler xtal set; Martian Beauty one tube rcvr; Hallicrafters S-1. No final decision before Oct. 1st. Bill Ross, 875 Gordon Terr., Winnetka, IL 60093. (708) 441-6462

WANTED: Heathkit, AT-1 transmitter, with good front panel, diagram. Willie Mank, W1ZX, Hwy. 228, Box 144D, Waldorf, MD 20603. (301) 645-5584, leave message

WANTED: Stromberg 501, 502, 601, 602, 633, 634, 635, 636 non-working or junker. S. Greenspan, 4701 Willard Ave., Chevy Chase, MD 20815. (301) 951-0232

FOR SALE: AK 5, Amrad amp 3071 no transformers, Amrad Model 3500 Det. 2634. Tuner 3475, 281 Colin B. Kennedy, Phillip S. Gilliana, 5733 Warren Ave., Morton Grove, IL 60053. (708) 965-7327.

FOR SALE: Audio, TV, tubes wholesale prices. LSASE or call. Jim Dicke, 25580 Clifton Ct., Moreno Valley, CA 92553. (909) 242-5422

WANTED: Information, brochures, technical manuals, pictures, etc. regarding SABA 4000 console. Thank you. Phil Holahan, 30 Worcester St., PO Box 392, Grafton, MA 01519. (508) 870-0312, ext. 260

WANTED: Vintage crystal sets and 1-tube receivers. Related items. Matt Erdahl, 6506 S. Dorsey Ln., Tempe, AZ 85283. (602) 730-0570

MESSAGE: Receiver Saver 200 brings longer life to vintage radio components. Send SASE for brochure, or see page 29 in May issue. Jeff Kincaid, WA6BIL, 5529 West 140 St., Hawthorne, CA 90250

WANTED: Serious collector will pay appropriately for a nice industrial radio service Baby Ultra Type 400 Myers valve set as pictured on page 121 of Vintage Radio. Also need Radiola 1 and AK-12. Will be at Elgin and Rochester. Ernie Hite, 2625 Colecreek Ln., Rock Hill, SC 29732. (803) 366-9998

FOR SALE: Radiola 24 - \$240. **WANTED:** Brass fans - cash/radio trades (Catalin for Edison fan). Dave Friedlund, 36006 S.W. Bald Peak Rd., Hillsboro, OR 97123. (503) 628-1439

WANTED: 1 gend 365pF variable capacitors. Audio output transformers for 6V6 or similar tubes. David Cameron, KG6BP, 819 Boundary Pl., Manhattan Beach, CA 90266-6621

WANTED: SX-73, early Heath equipment and literature, front panel tags for BC-779-B, BC-1004-C. **FOR SALE:** Heath TC-1, TC-3 tube checkers, IG-42 RF generator - \$50 ea. plus UPS. Other Heath available, SASE with inquiry. Quality photocopy manuals, Heath, Hammarlund, Hallicrafters, National. Most - \$6 ppd. SASE for list. Steve Siter, K1WGN, 488 Marshall St., Paxton, MA 01612. (508) 753-4870

HELP: Help! Help! I'm doing research for my second book on Mechanical Television. I must expand my library on this subject and need your help. I'm looking for textbooks, written specifically about television and published prior to 1939. I especially need issues of the Television News magazine, a Gernsback publication. If you have something, please give me the opportunity to pay you a fair price, or possibly make a trade if you prefer. Any help you can give will be appreciated. Contact: Peter Yanczer, 835 Bricken Pl., St. Louis, MO 63122. (314) 822-1748



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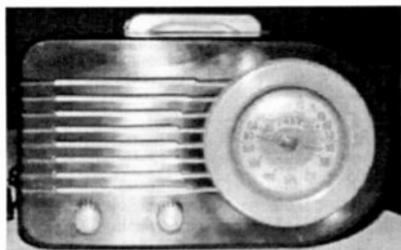
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SPDT/	S129	6A/125V	Solder	.75	.65
MOM-OFF-MOM		3A/250V			
SPDT/	S134	6A/125V	Solder	.75	.65
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FOR SALE/TRADE: Impressive Grundig 13 tube stereo console; record-changer, tape transport, shortwave, untested - \$50. Nevins Museum of Radio, c/o Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, eves.

WANTED: Small Depression era metal case radios, any make, any condition. Thank you. Joe Montanaro, 1308 Dover Hill Rd., Santa Barbara, CA 93103. (805) 962-8796

WANTED: Crystal sets, crystal radio kits, toy crystal sets and pocket crystal radios. Erwin Macho, Ambrosweg 17/A/8, A-1230 Vienna, Austria. 011-43-1-8814203



FOR SALE: Fada Bullet, #1000, excellent, burgundy, yellow, no grille inserts - \$800 BO. Gail Bontatibus, 7 Brockett Farm Rd., North Haven, CT 06473. (203) 234-2455

WANTED: EV 664 microphone and Silvertone tombstone Model 1955 or cabinet and wood knobs. Also want Zenith Model K725. Thanks! Tom Smith, N5AMA, 13034 Elmington Dr., Cypress, TX 77429-2062. (713) 376-3436

MESSAGE: Bob Breed, author of *Collecting Transistor Novelty Radios* and Marty Bunis author of *The Collector's Guide to Antique Radios*, are pleased to announce they have just signed a contract with Collector Books to co-author a brand new novelty transistor price guide. This new book will contain photos of over (700) never-before-pictured novelty sets, along with current pricing and descriptive information. Bob and Marty would like to invite you to be a part of this new venture. There are several ways you can help. If you have novelty radios not pictured in the first Breed book and you would like them to be part of this all-new edition, please contact either of the authors. In the coming months Bob & Marty will be traveling throughout parts of California and New England to photograph novelty sets in collectors' homes, or, if you live outside their area, you can still help by mailing your sets to either location and, of course, all shipping charges and full insurance coverage will be provided. Also needed are any novelty transistor or related paper goods - documentation, advertising, catalogs, etc. Don't hesitate to call or write - no collection is too small. Contact: Bob Breed, 5110 Los Altos Ct., San Diego, CA 92109. (619) 274-0712. Contact: Marty Bunis, RR 1, Box 36, Bradford, NH 03221. (603) 938-5051

FOR SALE: ARC-5 radio receiver, 200-400 - \$10 ea. KC; 1.6-30 MCS - \$10 ea. Both work from same 120 VAC pwr supply. Pioneer FM-AM stereo, phono input, radio Model SA-40, 15 tubes, nice metal cabinet, heavy - \$15. Tube tester for old tubes NRI Model-70, nice maple wood case - \$25. Dud tube list. Randy Blevins, W3LGI, Box 113-A, Rt. 1, Lexington Park, MD 20653. (301) 863-8687

FOR SALE: Crosley Fiver 517 chassis, dial and glass, variable condensers, coil bank IF transformers, electrolytic cans - \$20 ppd. S. Greenspan, 4701 Willard Ave, Chevy Chase, MD 20815. (301) 951-0232

FOR SALE: (38) miniature tubes; Acorn, Raytheon subminiature, portable, AC/DC - Best Offer. SASE for list. Frank Roberts, 6713 Cumberland Rd., Fort Worth, TX 76116

WANTED: Aeriola Senior with original instruction sheet. Also parts set. Tony & Lynn DeMara, 40231 Day, Clinton Township, MI 48038-4739

FOR TRADE: My SX-24 parts set for one of the following chassis. Crosley 124, Majestic 15 or Zenith console. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR SALE: Atwater Kent Model 20, nice - \$90. Emerson Model 520 Catalin, nice condition - \$200. Freed-Eisemann NR-5 battery set, nice condition - \$100. The Post, Grove City, Pa., home brew battery set, very nice - \$125. USL radio battery set RC-5, good condition - \$125. Philco 37-93 cathedral, good condition, refinished - \$110. Philco Model 45, excellent condition, works - \$135. Crosley 10-137, green, fair condition, hairline - \$30. Gary Pirkkala, 18 Old Hickory Rd., New Castle, PA 16102. (412) 667-1166

WANTED: GE consoles M-125 and H-32. Bob Alexander, 20 Haycamp Rd., St Paul, MN 55127-6507. (612) 483-6177

WANTED: For 1949 Admiral dual chassis 10" TV Model 24A12, back cover and static shield, prefer N.O.S. Also, looking for old telephones. Gary Prato, 2140 Beech Knoll Rd., Los Angeles, CA 90046. (818) 789-7117

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FOR SALE/TRADE: 19 set spare valves. **WANTED:** Electrohome red coloured music box. Gordon Wilson, 11108 50 Ave., Edmonton, Alberta, Canada T6H 0H9. (403) 434-6257

WANTED: One original wood control knob for Guild Spice Chest radio. Martin S. Doctor, 3 Gloucester Ln., Nashua, NH 03063. (603) 881-5317

WANTED: Westinghouse RC, RA, DA, RT, AR; Clapp-Eastham apparatus, working UV200 & UV201 tubes. Stuart Mount, K2OA, 35 Grand St., Highland, NY 12528. (914) 691-7957

FOR SALE: Prewar TV 1939 GE floor model console 5" screen, model HM 185, electrically restored, original finish. Extremely rare TV. Asking \$7,000 + shipping.

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ATTENTION COLLECTORS

FOR SALE: Philco 90 - \$425. Philco 46-350 - \$45. Zenith leather Y-600 - \$120. National NC-105 - \$65. SX-99 - \$65. SX-38B - \$45. R7A with AUX 7 speaker - \$850. NRD[?]-515 NDH 518, speaker, controller - \$850. R-71A with speaker - \$650. R-7000, RC-12, TV-R7000 & ICOM ant. - \$950. Paul S. Miller, 2239 Fiesta Dr., Sarasota, FL 34231. (813) 922-2587, evenings

FOR SALE: Coronet boys radio (Transistor Network, p. 3), untested - \$45. Zenith 500E, white - \$69. Japanese owl radio - \$49. Zenith Trans-Oceanic A600 - \$70. Zenith Trans-Oceanic 3000-1 - \$90. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

WANTED: For vintage television projects, new/used but good 930 and others gas photo-tubes and neon bulbs. Any Canadian subscribers interested in the above? D'Arcy Brownrigg, PO Box 292, Chelsea, Quebec, Canada J0X 1N0. (819) 827-0128

FOR SALE: Prices postpaid. Bakelite decade capacitor - \$15. Thomas cathedral radio replica. AM/FM cassette player - \$42. Ross Wollrab, 1501 E. Gardner Ln. #722, Peoria Heights, IL 61614. (309) 686-0211

FOR SALE: General Television Model 591 (same as in the Sideli book, p. 101, only brown Bakelite with white trim) - \$150. Crosley Musical Chef, mint - \$50. Philco Model 48-500, mint - \$30. Emerson Bakelite AM/SW - \$20 Belmont Model 6D111 - \$90. Atwater Kent Model E speaker - \$45. Offers accepted. Bob Furtado, 23 Garden Rd., Alameda, CA 94501. (510) 521-3084

FOR SALE: Philco Model 42-340, 6 tubes, 2 bands, table model, AC, good looking radio - \$45. Standard-dyne, 6 tubes, one dial battery set, nice one - \$125. Fifty or more clean original radios available, always thinning my collection. Sorry no shipping; come see my inventory! Dickering done here. All inquiries to include SASE. Francis W. Pond, 98 High Rd., Lee, NH 03824. (603) 659-3831, no calls after 9 pm EDT

WANTED: Manual or schematic for AN/UPM-25 sig. gen. **FOR SALE:** Ultra-violet machine, working. Henry W. Smith, W4INO, 6925 Seashell Dr., Gulf Shores, AL 36542. (205) 540-2486

MESSAGE: Free: Echophone S-3 metal chassis, no parts, bare, very little rust. You pay shipping. J. J. Buttimer, 115 Harbor Dr., Novato, CA 94945

FOR SALE/TRADE: Webcor tube reel-to-reel Royal recorder, MD P2821-10, excellent working condition. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260

WANTED: Oscillator transformer, Part #32-1048, for Philco Model 60. Herb Ratner, 3542 Westminster Ct., Holiday, FL 34691. (813) 937-7452

WANTED: Scott Allwave 16 metal dial and pointer, Scot Allwave 15, Phantom or Philharmonic. Ray Lamont, 70 Litchfield Rd., Unionville, CT 06085-1318. (203) 675-6327

FOR SALE: Custom-molded plastic knobs. Send knob to be duplicated with make and model plus \$8 each for solid color; \$12 each for imitation wood or Catalin. Also custom-formed plastic dial lenses. Send old lens if possible, tracing of lens opening, and bezel (if radio has one) with make and model plus \$15 each to: L. W. Terrell, 7109 E. Arbor Ave., Mesa, AZ 85208. (602) 830-7849

FOR SALE: B&K CRT checker and rejuvenator, Model 465 with instructions and charts, near mint - \$50. Measurements, Model 111 crystal calibrator - \$25. Eico Model 955 condenser checker .1 to 50 mfd. - \$25. Wavemeter with 2 charts, Model T 5134 4 PM1 - \$25. All items work. Plus shipping. John Kara, 1700 Baltimore Ave., Whiting, NJ 08759. (908) 849-4318

WANTED: Philips/Norelco portable transistor radio Model L6X38T/54 in excellent to mint cond. Ed Kalpakian, 4622 Melbourne Ave., Los Angeles, CA 90027

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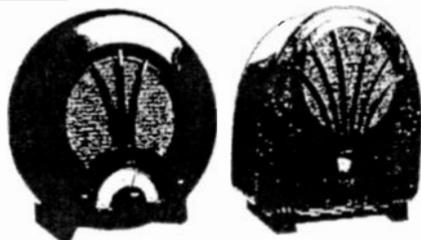
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FOR SALE: Heathkit 6 meter Shawnee, Model HW-10, no manual, no accessory, untested - \$30 plus 30 lbs. UPS. John Uscinowski, RR #1, Box 379, Greenwich, NY 12834-9519. (518) 692-7538

FOR SALE: Motorola Model 55L2U - \$8. Motorola 55 BIU - \$8. Channel Master 6506 - \$15. Hitachi Model TH650 - \$12. Western Model 4B - \$20. Hickok Model 215 VTOM - \$30. Capehart 2T55B - \$10. Matsushita - \$7. Leo Gann, 1134 E. 50 Pl. N, Tulsa, OK 74126-3318. (918) 425-3590

WANTED: Sears Part Nos.: R57231 escutcheon dial w/ glass; R57207 dial pointer; R40243AG dial cord; R40224 spring; 52-593 knob; 52-594 knob for Sears Silvertone Model 7067 dial plate assembly. Dennis Evans. 206 Walnut St., Clearfield, PA 16830



FOR TRADE: Circular Ecko. Other stylish Eckos ("trees," AD 97 black, AD 86). Comprehensive Philips collection. Rare Australian A.W.A. Radiolette tombstone in marbled ivory black, brown. Many stylish 1930's. Also 1920's including rare Marconi, Gecophone crystal sets/ speakers. Want quality Catalin and novelty sets. Simon Wade, Finchcroft, Broadwater Down, Tunbridge Wells, Kent TN2 5PE, United Kingdom. (44) 892.543505, evenings

WANTED: Manual/photocopy for Sprague Model TO-3. Will pay. John T. Myers, PO Box 485, Jenison, MI 49429

WANTED: Any Charles Freshman radio chassis with 4- and 5-pin tube sockets for parts. Such as: Model QD, Q15, Q16, 3Q15 or 3Q16. Also wanted: Complete Zenith console, Model 5S151 or 7D151. Mel George, PO Box 24934, San Jose, CA 95154. (408) 267-0697

FOR SALE: B&K oscilloscope Model 1590A, 100 MHz, quad input, eight trace, two 10:1 attenuator probes, manual, excellent condition. Max Friedman, 10620 W. Clairmont Cir., Tamarac, FL 33321. (305) 720-1721

WANTED: International Model 90, chassis or complete set, any condition. Please help. Joe Pawell, 6 Augustine Ave., Ardsley, NY 10502. (914) 693-9374

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FOR SALE/TRADE: SCR-543/BC-669. AN/PRC-9A/RT-175 transceiver, PE-110 and PE-157 power supply. **WANTED:** P-19 headphones, A-190 antenna; BC-745-"; BX-31; CS-113 drawer; CS-131; CS-139, CS-170 case; MC-518 conversion kit; IE-36, CH-131, or CH-295 chest; crystals for, TBS; TCS; SCR-522, in CR-1A, or DC-11 holders; in FT-243 holders for, AN/GRC-9A; marked for, "in 620"; "in 611". Wm. Stokesbury, #305 W. 142nd St., Ocean City, MD 21842-4428

WANTED: Knight (Allied Radio) 1 or 2 tube kit sets from the 1950's. Robert Stapleford, 1800 SW Randolph Ave., Topeka, KS 66604

WANTED: Schematics/manual GR 1233A. L. Larsen, 308 Hamilton Ave., Silver Spring, MD 20901. (301) 587-8143, before 10 pm

FOR SALE: (91) issues C.D.E. The Capacitor, from 9-44 to 12-60 - \$15 plus shipping. Gene Reynolds, W3EAN, 53 Marple Rd., Haverford, PA 19041. (215) 649-1447

WANTED: Philco 200X high-fidelity console, 1934, for modern-day measurements. Preferably original unrestored. Alan Douglas, Box 225, Pocasset, MA 02559

WANTED: Dial scale for a Hallicrafters SX-62 receiver. Doug Burskey, 732 Pulver-List Rd., Mansfield, OH 44905. (419) 522-5669

FOR SALE: Western Electric tubes; all labeled Western Electric, used but good, mixed 6J6 - 6AG5 etc. - \$2 ea., 6 for \$10, or 50 for \$75. Plus shipping. John Kara, 1700 Baltimore Ave, Whiting, NJ 08759. (908) 849-4318

WANTED: Heathkit Digital Multimeter IM102, need not work, MCR1 in good condition. Bill Crawford, Cushman Rd., Patterson, NY 12563. (814) 878-4653

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Springfield, MO 65809

WANTED: Regency TR-4 or Mantola M-4D parts set. Clock knob for Zenith Golden Triangle. Larry Gilbert, 2602 Amapola Dr., Davis, CA 95616. (916) 758-5025

FOR SALE: Nice, original finish AK 40, completely gone through, rebuilt power supply, WT, works - \$100. Nice, original finish AK 43, completely gone through, rebuilt power supply, WT/including 112s, works - \$125. AK 60 console, completely restored, works great, WT - \$250. AK 70 console, unrestored, but clean with two L chassis and N speaker, NT, untested - \$145. Parting out AK 20C. Kennedy Model 53 shortwave converter, superb, like new condition with original RCA tubes, works, very rare! - \$175. Rola Recreator cone speaker, all original, works - \$65. Utah electrodynamic speaker with built-in AC field coil supply, mantle clock cabinet, refinished, but tastefully and correctly done, sounds great, (Blast, p. 4) - \$85. You pay UPS. Lance Wilson, 8429 Via Linda, Scottsdale, AZ 85258. (602) 483-8993

WANTED: Still looking for an RCA 44 microphone in any condition. Also want tiny table model radios in metal or plastic. Brad Jones, 4107 Crabapple Ln., Greensboro, NC 27405. (919) 375-6340

FOR SALE: Delco table radio with circle holes in Bakelite front panel surrounded with nice wood cabinet - \$95. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Batteries guaranteed to keep your antique radios running! 1 1/2v dry cell with binding posts - \$10 for case of 6. 45v dry cell with binding posts - \$10/4. 90v dry cells with socket - \$12/3. Call or write for catalog. Attention dealers: We are now taking quantity orders for AWA annual convention. Will bring to show to save you on shipping! S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

WANTED: For RCA Radiolas I, II, III, IV, V, VI, VII, VIII, IX, X, and Regenoflex, original RCA sales literature, owner's manuals, repair bulletins. J. H. Brown, 3808 Champaign St., Charlotte, NC 28210. (704) 552-1102

WANTED: Tom Thumb ATP in very good condition. Willing to trade my Emerson 856 pocket portable. Call evenings between 7 and 10 EST. Dan Salerno, 1104 S. Main St., Taylor, PA 18517. (717) 562-1154

FOR SALE/TRADE: (8) tube CB's including working Courier 23+, all as is, includes 4 extra mics, U ship - \$350. **FOR TRADE:** Box of 30 transistors, including an 888 with no name for communication gear. Fred Watson, KB8NRF, PO Box 58, McClure, OH 43534. (419) 748-8798

WANTED: Ionovacs, 18" Jensen, REL, Röhde & Schwarz, Barber & Howard, Karg tuners. Hadley, R.C. 500, Brook amps. McIntosh MI200 or parts, metal base EL34's, 8005, 6LF6, 7591, Bugleboy Amperex. Will pay \$1K for Regency HF 1000, \$4K for WE 1086's, \$200 for WE 300 A/B, \$50 KT88, \$35 6550. Also top offers and finder's fees for: Marantz, Fisher, Fairchild, Scott, Eico, & vintage speakers. Ed Schneck, 1401 Ocean Ave., Brooklyn, NY 11230. (718) 377-7282, weekdays 2-6 pm

FOR SALE: Western Union call box, yellow case, red knob, black base - \$50. Bill Ortleb, 1250 N. Stone, Chicago, IL 60610. (312) 944-0126

WANTED: 50's color TV, pre-'53 TV's in Midwest, any condition. Can pick up. Glenn Bubenheimer, 27851 Terrence, Livonia, MI 48154. (313) 421-5574

WANTED: Tubes wanted, duds okay: Western Electric types, colored glass types, Wunderlich types, Geissler and X-ray types, any special purpose or unusual types. What have you? Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

WANTED: Radio push buttons for RCA TRK-12 TV, Part #33384. Does anyone reproduce these? John Lee, 1658 E. 5th St., Ontario, CA 91764. (909) 984-4592

FOR SALE: Tubes, radio, TV, 40's thru 50's. SASE for list. Lee C. Dickinson, 478 Main St., Cromwell, CT 06416

FOR SALE: 1924 Freshman Masterpiece with tubes, real beauty, electronically uncertain - \$150 OBO + shipping. E. J. Reaser, 1005 Hinton St., Princeton, WV 24740. (304) 425-2093

WANTED: RCA clock radio Model 1-RD-61. Thompson horn speaker. Brass base WD-11. Tony & Lynn DeMara, 40231 Day, Clinton Township, MI 48038-4739

WANTED: Stromberg-Carlson 320T and 320H schematics and operators manual. Also need antenna kit. Denis Meany, 81 Madison St., Blue Point, NY 11715. (516) 363-0512

HELP: Need Type 7587 nuvitors. Will purchase or have 6B4-G tubes to trade. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

WANTED: Manuals, copies OK, for HP 419A DC voltmeter, HP 200AB audio osc., HP 201C audio osc., BK 1460 scope, Heath 1GW-47 audio osc. **FOR SALE:** All of the above, have quantities available. H. Pewowaruk, 1535 North 8 Ave., St. Cloud, MN 56303. (612) 252-9910

WANTED: Riders #23, pay \$130 in new condition. Buying old candlestick telephones and other old phones, pay top \$. John Sudduth, 1842 Hwy. 92 North, Fairburn, GA 30213

MESSAGE: To the three gentlemen who, gratuitously gave up their time, to escort my sister and me around the Pavek Museum of Wireless in St. Louis Park, Minn. on July 8th, 1993, a big hearty "Thank you!". The museum is well worth the time and \$2 cover to see. The offer to use the "Ham Radio Station" was a very thoughtful gesture and much appreciated. I heartedly recommend everyone passing through the Twin Cities to take the time to visit the museum and visit with the staff. The address is 3515 Raleigh Ave., St. Louis Park, Minn. As they have a limited amount of ham display units, I would recommend donating any spare rigs to them after checking with them to see if they could use them. Loren H. Dudley, KA1PRV, 14 Valley Rd., Bath, ME 04530

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FOR SALE: RCA radio marine medium and high frequency receiver, Model CRM-R6A, no cabinet. Collings 51-J4 used with Beckman/Berkely Model 7000-1 frequency measuring system, no cabinet. Yaesu FRG-7 receiver. Hallicrafters S-38EB receiver. Signal Corps EE8A field telephone. Pick up only, offers? R. Close, K1SRR, PO Box 681, West Dennis, MA 02670-0681. (508) 398-0519

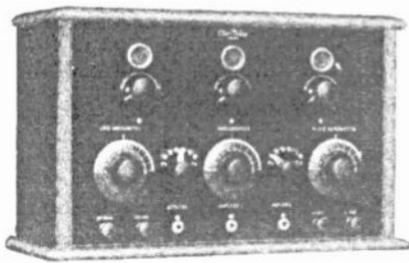
FOR SALE: Out-of-print books: Horn Speaker Encyclopedia - \$17; Illustrated History of Phonograph - \$50; Edison Cylinder Records Guide, 2nd. Koernigsberg - \$40. Jimmy K. Chan, 5280 Little Mountain Dr., #E8, San Bernardino, CA 92407. (909) 880-1628

FOR SALE: (2) ea. new N.O.S. headsets, Aviators improved Model HS33 short cord, cushions, red PL354. Also new. (5) sets chamois cushions N.O.S. George Belling, W6CTG, 3740 Atlas Ave., Oakland, CA 94619

WANTED — AIRWAY SETS



Airway Model "B"



Airway Model "C"

Other Airway Sets Wanted: Models "G" & 51

ALSO WANTED: Cutting & Washington 8A, 9A, 11, 12, 14 & Teledyne; Federal 8, 56, 60 & 142; Grebe CR-10, CR-11, CR-17, CR-18, CR-19, RORC, RORD (early), RORG, RORL & RORJ; Kennedy 100, 311 (with amp), X, XI & VI; Tuska 221, 222, 223 & 227; Western Electric 2-A Ant. Tuner, 4-A & 20A Filter; Zenith 2R & 1M Amp.

As it may be a long time before I find any of these sets, remember to call me if and when you can part with yours. I am putting together a broad collection of early broadcast and wireless equipment from many manufacturers, and adding to it each month. I buy single sets or collections - also, books, catalogs, manuals and other related documentation. Now that I have moved my business (A.R.C.) out of my home, I have lots of room!

Call and surprise me; make my day! - Please leave a message if my answering machine answers. Thanks.

John V. Terrey, 498 Cross Street, Carlisle, MA 01741 — (508) 369-9770

WANTED: Schematic and/or operating instructions for Philco console Model 29 or 45, year unknown. Believe it to be either late 30's or early 40's. Loren H. Dudley, 14 Valley Rd., Bath, ME 04530-2811. (207) 442-8419

WANTED: QST's before 1923 to complete my collection. Edward J. White, WA3BZT, 809 Seymour Rd., Bear, DE 19701-1121. (302) 322-1313

Classified Ad Deadline Noon

Sep. 10 for Oct. 1993 Issue

Oct. 10 for Nov. 1993 Issue

Boxed, Photo, & Display Ads - 1st

FOR SALE: Philco 42-1010 radio/phono - Make Offer. Pickup only. Gary Bernstein, 602 Cabin Creek Dr., Hopewell, VA 23860. (804) 458-1708

FOR SALE: Desolder, Japanese - \$50. **WANTED:** Service manual for TRS IV. S. Goldhor, 2147 Trombas Ave., San Leandro, CA 94577. (510) 357-3788

WANTED: Depot maintenance manuals for R390, R390A, and R392 receivers, meters for R390. Geoff Fors, WB6NVH, PO Box 342, Monterey, CA 93942. (408) 373-7636

FOR SALE: New tubes 2A3, VT 25, VT 4C, 6L6G, 6E5, 811 A, original U.S.A. Send \$2 for price list. Andrea Moretti, Via Colle Bisenzio 31, 50040 Usella FI, Italy

WANTED: Zenith brown leather Trans-Oceanic radios, or imitation leather. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

FOR SALE: Solar Exam-Eter capacitor checker, with instruction book - \$25. Bill Riley, 863 W. 38th Ave., Eugene, OR 97405

FOR SALE: Motorola 50XC3 Catalin, clean & complete - \$2,500. Ira Grossman, 3100 Birchtree Ln., Silver Spring, MD 20906. (301) 460-3981

FOR SALE: Federal table radio #1024TB, good condition - \$125. Cal Rad #TK-10 telegraph key, N.I.B. - \$10. RCA Redbooks, Vols. 1 and 2 - \$110. Radio Electronic Master Catalogs, hardcover, 1959, 1969 - \$18 ea. Radio Television Annual Yearbook, 1954 - \$20. Official Shortwave Manual by Shortwave Craft, 1935 - \$20. ARRL Handbooks, 1943, 44, 47, 63, 64, 68, 70, 72, 78, 81 - \$10 ea. Supremes Radio Diagrams 1926-38, 39, 40, 41, 42, 51, 53, 55, 56 - \$9 ea; 1947, 50, 52, 54, no covers - \$6 ea. Audel's Radioman's Guide - \$10. Modern Radio Servicing, 1st Edition - \$15. Radio Handbook 16th Edition, 1962 - \$11. Radio Data Book 1948 - \$10. Rider books, The Oscillator at Work, Frequency Modulation, Servicing by Signal Tracing - \$7 ea. NC-183 Receiver Manual - \$10. Sylvania Radio Tubes Tech Manual 8th and 12th editions - \$12 ea. Sylvania 1940 Tech Manual - \$10. Everyman's Guide to Radio Vol. #1, 1927 - \$20. Radio Craft magazines, 1930's - \$4 ea., '940's - \$3 ea. Philco Radio Parts Catalogs 1934, 1937, 1952 - \$10 ea. General Radio Co. Type 247-W wavemeter and filter, N.I.B. - BO. 1933 Shortwave Manual by Don Wallace - \$10. Shipping extra. Rick Yerke, PO Box 392, Moscow, PA 18444. (717) 842-4857

WANTED: Roy Rogers, Cinderella, Ding Dong School RCA 45 players. Cash or will trade 6X45. John Lee, 1658 E. 5th St., Ontario, CA 91764. (909) 984-4592

FOR SALE: DuMont console TV/FM/AM/shortwave/phono Model RA101, and DuMont table model RA103. Both sets working. Photofacts/schematics included. Buyer to pickup and transport. Best offer for each or both. I. Paul, 1686 Chapin Ave., Merrick, NY 11566. (516) 378-3815

FOR SALE: Transistor radios: Marlboro pack, N.O.S. - \$60 ppd. Powertone, Japanese - \$20 ppd. GE P1757 - \$15 ppd. **WANTED:** Gross Eagle, dead, alive or basket case. Send details. R. J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477

WANTED

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- Radio & Audio Tubes:** 2A3, 45's, 50's, 845, 8005, KT66/88, etc.
- Western Electric Tubes:** 101, 102, 104, 203, 305, 211, 212, 242, 244, 252, 262, 264, 271, 274, 275, 276, 284, 285, 300, 301, 310, 339, 345, 347, 348, 349, 350, 421, 422, VT25A, VT52, etc.
- W.E. Speakers & Tweeters:** 555, 594, 595, 596, 597, 713, 728, 754, 755, 756, 757, TA4151, 4153, 4181, 4191, 4194, etc.
- W.E. Consoles & Amps:** 25B, 41, 42, 46, 86, 91, 92, 94, 95, 105, 106, 117, 118, 120, 121, 124, 129, 130, 131, 142, 143, etc.
- W.E. Horns:** 22, 24, 25, 26, KS-6368, 12024, 12025, 12027, etc.
- W.E. Microphones & Parts, etc.**

Also looking for:

Tube-type equipment by McIntosh, Marantz, Westrex, ARC, Leak, Quad, Langevin, Altec, Telefunken, Siemens, Neuman, etc.
Vintage speakers, units, by Tannoy, Jensen, Altec, JBL, EV, Telefunken, Siemens, etc.

**Audio City USA, PO Box 802, Northridge, CA 91328-0802
(818) 701-5633**

FOR SALE: Stromberg-Carlson chassis, Models 130-A with 7 tubes and Model 82 with 10 tubes - \$150 each. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410 (203) 272-6030

FOR SALE: Tubes, 807 809, 6L6, 6B4G, others; new & used. Ballast, CR600-1.5, mfd. by Victoreen for Motorola, others; transistor radios, Admiral Y2091, Spica ST600, others; vibrators, Mallory 3-prong and 4-prong. Let us know your wants. Power Brothers Electronics, PO Box 70, Gladys, VA 24554-0070. (804) 376-2405

WANTED: Communications gear RCA ACR-111, ACR 155, AR88, Hammarlund HQ180, SP600, Howard 450, 450A, Scott Special Communications. Pete Grave, PO Box 175, Ottsville, PA 18942-0175. (215) 847-2214

WANTED: Hickock 209a VTVM probes/instructions. Zenith chassis 6a13 6a14 6a02/6a04 power transformer. Richard Burris, PO Box 207, Brookneal, VA 24528. (804) 376-2829

FOR SALE: RCA R-7A - \$90. Philco 89B - \$130.

WANTED: Clarion Jr. chassis. Philco 70 cabinet. Steve Wallace, 3707 Pricetown Rd., Fleetwood, PA 19522. (215) 944-7230

FOR SALE: Wurlitzer 1015 jukebox - \$3,800. Crosley Fiver cathedral, restorable - \$100. Philco 57 - \$45. Hallicrafters S-108 - \$65. Philco cathedrals - \$125 ea. Collection of books, manuals, magazines and catalogues relating to radio, TV, hi-fi, broadcasting, SW. SASE for list. Bill Rolf, 30131 Center Ridge Westlake, OH 44145. (216) 871-4547

FOR SALE: Transistors, all working: Arvin #62R49 - \$20. Amico Moonship #SR-7 - \$25. Realistic Chowdog, N.I.B. - \$20. Realistic Collie - \$18. General Electric model unknown, late '50's, burnt orange with chrome front, heavy, needs some work, no reception but hiss - \$25. Postage paid. Bret Johnson, 13495 102nd Ter. N, Largo, FL 34644. (813) 595-9287

FOR SALE: Philco 37-690 console, 20 tubes, 7 speakers, 2 chassis, 15+ watts audio, PP6B4's, pickup - bids. Francis H. Yonker, P.E., W21BH, 1229 Inverary Pl., State College, PA 16801. (814) 867-1400

WANTED: Babani: International Radio Tube Encyclopedia. Antique and rare tubes. H. Ohtsuka, 2-4-16 Hon-Kugenuma, Fujisawa 251, Japan

HELP: Help CRT rebuild. I need to locate a CRT rebuild who can install a new gun on my 15GP22 CRT. You can help! Please call the CRT rebuilders in your local area and ask if they can rebuild a Type 15GP22 color CRT. This tube was made in the mid-1950's and uses an electrostatically converged gun. It does not cross to a Type 21AXP22 type gun. If they cannot find a gun, ask if they can install new heaters and cathodes in my gun. If they indicate that they can help, please call me collect or write and give me their name and phone number. Thanks. Your efforts will help me to contact many more tube rebuilders than I could otherwise. Please help me to locate someone who can rebuild my CRT. Help to restore this early color TV and preserve some of our technical legacy. John Folsom, 450 Golden Dove Ave. NE, Palm Bay, FL 32907. (407) 725-3462, evenings weekends, ans. mach. after 4 rings

FOR SALE: AK 55 - \$55. AK Type E3 speaker - \$20. Panasonic Model RE77A tube type stereo - \$25. Hickok 190X[?] signal generator - \$28. Boes tube tester - \$20. Boes volt-ohm-milliammeter - \$18. Old 2" oscilloscope - \$12. Superior Model 76 CR bridge and signal tracer - \$15. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 387-6764

FOR SALE: Silvertone 3551 white marbled, (Collins Redux) - \$275. Firestone S-7397-1 portable - \$50. Emerson Sunburst (similar to Redux, p. 90) - \$125. Zenith 6D015, brown - \$65. Automatic Tom Thumb 528 submini, orange - \$250. Eric Wrobbel, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282

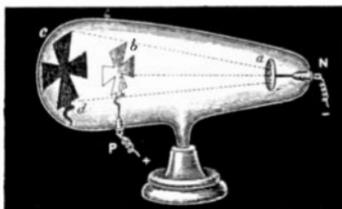
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FOR SALE: All ppd & untested. Crosley 56TD, chip & hairline crack—\$65. Ampro 731 tape deck—\$30. Loewe Opta radio—\$35. Tubetesters: TV/3BU—\$70; Supreme 589—\$27.50; Sencore TC109—\$22.50; Sencore TC136—\$22.50; Sencore TC139—\$22.50; Mercury 1100B—\$25. Precision E-400—\$20. CRT testers: Telecheck—\$10; BK 445—\$15; REM—\$15. RCA oscilloscope—\$15. Books & magazines—SASE for list. Phil Boydston, 102 Concorde Pl., Mandeville, LA 70448. (504) 845-0867

WANTED: Someone to talk to about the following radios: Universal, Clago, Marshal, or any others which might have Ozarka chassis. Please drop me a card, I'll call you. Thanks. Peter Burton, Box 912, Belchertown, MA 01007. (413) 323-5019

FOR SALE: Three Catalins: Fada 252 with 652 chassis yellow, no speaker cloth, PP75-107—\$450; DeWald A501 yellow, not original dial glass, color more like 31 PP44 but no clock like 32—\$500; Bendix 526, green-black marble, had been broken, cracks show some—\$200; all—\$1,000. Frank Brewster, RR 2, Box 615, Baxter Springs, KS 66713. (316) 856-3220, evenings

WANTED: Bendix radios wanted. Need not work. Call or write. Aaron Mail, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-8813

WANTED: Radio tubes, quantities, N.I.B. Connectors, (MS), unusual. Sell teletypewriter repair parts, supplies. Fred Schmidt, N4TT, Typetronics, PO Box 8873, Ft. Lauderdale, FL 33310. (305) 583-1340

FOR SALE: Vibrator transformers. 6 volt (used, tested) and 12 volt (new stock). Free catalog. Dan Schulz, Antique Automobile Radio, PO Box 892, Crystal Beach, FL 34681. (800) 933-4926, or fax (813) 789-0283

FOR SALE: Zenith AM/FM table tube radios. X337, wood—\$15. K725, plastic—\$15. Plus UPS. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. (216) 331-9206

FOR SALE: AK 20C, 35, 42. Philco 20, 50, 70, 90. Radiola III, IIIA, 44. Others. Roger Hart, 4533 Harvard Ave., Montreal, Quebec, Canada H4A 2X3. (514) 483-3857



WANTED: Chassis and speaker for this Grebe radio, model unknown. John Lee, 1658 E. 5th St., Ontario, CA 91764. (909) 984-4592

FOR SALE: 1939 General Electric HJ24 Deco wood w/ push buttons, nice original case, working—\$70. Mallory TV 101 UHF converter, Deco Bakelite case, working—\$18. 1937 RCA 84BT tombstone, nice original case—\$55. 1948 RCA 8T241 10" table TV, perfect case—\$85. Plus shipping. 1938 General Electric G85 console, electrically restored, nice original cabinet—\$145. Pick-up or will deliver within 100 miles—\$10 extra. 1947 Emerson 543 Bakelite Deco case, working—\$65. Philco 60B cathedral, nice original case, working—\$110. Or will trade any of above for Philco 69 in nice original condition, working or not. Electric clock for 1956 Chevy, N.I.B.—\$25. All items F.O.B. Swarthmore. Sam Mannino, PO Box 233, Swarthmore, PA 19081-0233. (215) 353-6747

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FOR SALE: Have hundreds of radio tubes new-used from 1930's to 1960's, reasonable. Send want list with SASE. Newell Hicks, 98 Central St., Foxboro, MA 02035

FOR SALE: Motorola Pixie, black—\$300. **WANTED:** Cool old guitar amps, send pix, description & price. Craftsman C500, Knight KN632, RCA SP20, Thordoran 79013 transformer, UTC L56 transformer, E.H. Johnson Type 211 tube bases in mint cond. Thomas Crocker, PO Box 11582, Glendale, CA 91226. (818) 246-4757, eves.

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.0027Mfd. @ 600.V. Arco Dip35
.012Mfd. @ 600.V. Sprague Dip30
.03Mfd. @ 600.V. Mallory Dip30
.08Mfd. @ 600.V. Sprague Dip	..... SOLD OUT .. 40
.075Mfd. @ 600.V. Sprague Dip	..... .45
.2Mfd. @ 600.V. Sprague Dip	..... .55
.47Mfd. @ 600.V. Mallory Dip	..... .75
33.Mfd. @ 180.V. Import Radial	..... .45
47.Mfd. @ 180.V. Import Radial	..... .65
10.Mfd. @ 450.V. Import Radial	..... .65
22.Mfd. @ 450.V. Import Radial	..... 1.35
33.Mfd. @ 450.V. Import Radial	..... 1.65
47.Mfd. @ 450.V. Import Radial	..... 1.75

Total shipping charges \$1.00 per order.

— NO MINIMUM —

WANTED: Push buttons and knob for Trans-Oceanic Y600. Operating manual for Trans-Oceanic 3000. Stephen N. Phipps, NØLNY, 10201 West 52nd Ter., Merriam, KS 66203. (913) 362-4427

WANTED: RCA tabletop record players from the 50's with nice blond finishes. Jerry Traub, 806 McDonald Ave., Santa Rosa, CA 95404. (707) 545-9425

FOR SALE: Novelties: Blabber Mouse, N.I.B. - \$45; Superman, N.I.B. - \$60; Lady Bug, boxed - \$35; Locomotive AM radio, N.I.B. - \$30; Japanese owl - \$60; Old World wood globe - \$35. Transistors: Zenith Trans-Oceanic 7000, excellent - \$195; RCA, MBT 6 - \$50; RCA T1-D, blk, mint - \$30; Philco T7 - \$80; Schaub-Lorenz T50 - \$65. **WANTED:** Emerson 888 Explorer, green; and Regency TR1G, black. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

WANTED: Troy radios, especially Model #15 Also need chassis & speaker for Emerson Engraham cabinet 16 1/2" W x 12" D x 11" H with a 9 1/2" W x 3" H dial face. Craig Bergsma, 2616 10th, The Dalles, OR 97058. (503) 298-0804, weekdays only

WANTED: Any and all in the series of juvenile science related books by Alfred P. Morgan. Vic Motyka, 743 Pike Ave., Attleboro, MA 02703. (508) 226-6231

FOR SALE: Zenith Royal 500E - \$60. Hallicrafters SX25 - \$55. Sky Buddy II - \$25. 5R10A - \$35. GE 408 AM-FM - \$35. Charles Voigt, 94 Cleveland St., Norfolk, MA 02056. (508) 528-7928

WANTED: 1929 advertisements featuring Graybar 600 highboy. May have appeared in Saturday Evening Post. Bruce Dahl, 4134 Blueberry Knoll, Eagan, MN 55123-1407. (612) 452-6545

WANTED: Round dial escutcheon for Sparton tombstone, like Models 67, 68, 73, 685, etc. They are all alike. Thanks. P. Burton, Box 912, Belchertown, MA C1007. (413) 323-5019

WANTED: RCA plastic 14X, any condition. William Windle, 805 Greensburg Cr., Reno, NV 89509. (702) 786-8647

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MANY THANKS!!!!

FOR SALE: GE white-honey plastic AM-FM Model 246A, nice - \$25. EICO 666 tube tester, tests 01-A's, perfect - \$30. Sparton 5BC3 chassis, green plastic - \$12. Knight 625 TT, tests 01-A's, with books, perfect - \$35. Bendix 753M - \$15. KOWA Model KTF1 Transistor II, works - \$45. Precision Apparatus Series E-400 AM-FM sweep signal generator - \$20. Heathkit Williamson amplifier (best of its day) - \$200. Knight RF signal gen. - \$20. EICO 232 VTOM - \$10. Halson wood table radio 60M, rare - \$100. Superior Inst. TT TV-10 - \$15. Commercial Trades Institute VTOM Mod 20, works excellent, with books - \$30. Coyne TV Cyclopeda 1955 - \$10. Hickok VTOM Model 209A - \$20. Sterling Radio Manual - \$8. Philco Tech. Rep. Div. Electronic & Electrical Fundamentals: Vol. 2 Fundamentals AC & DC Circuits, Vol. 3 Vacuum Tube & Semiconductor Fund., Vol. 4 Basic Electronics & Circuit Systems, (3), good - \$35. Sencore FC51 frequency counter - \$200. Stoner PRO-40 SSB CB radio, mint, works perfect - \$1,000. Hallicrafters S41G for parts, rusty - \$10. Mercury TT, doesn't work - \$10. All as is except where noted. Plus shipping. Frank Brewster, PO Box 615, Baxter Springs, KS 66713. (316) 856-3220

WANTED: Pre-1900 telegraph keys, sounders, relays, registers, etc. Pre-1920 wireless keys. I am seeking nice examples of early telegraph instruments but also want incomplete or damaged telegraph items for parts. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405. (707) 539-1883

New Wireless Pioneers Books, Magazines, Literature Bought and Sold

New Wireless Pioneers buys and sells books, catalogs, magazines and other literature from the 1800's to 1950 that deal with early radio, wireless and electricity. A selection from our list of specialties:

Pre-1900 Electricity
Pre-1925 Radio or Wireless
Pre-1950 Computers

Pre-1900 Telegraphy
Pre-1940 Television
Early X-Ray

Magazines, Catalogs, Autographs or Ephemera related to the above topics. Also: Pre-1920 Wireless and Telegraph Apparatus - Radio-Related Novelties and Advertising - Early Vacuum Tubes and Electrical Devices.

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New Wireless Pioneers - Jim & Felicia Kreuzer
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FOR SALE: Test eqpt. as removed from closed up repair shops, no papers. PACO VTVM - \$10. RCA VTVM WV-77-E - \$10. Philco panel mount VOM PTE 2991 - \$10. RCA Type WV98 VTVM less probe - \$15. DC test panel 0-2000 volts - \$2. Wintrox 828 intermittent condition analyzer - \$20. Lot 6 VOM, all - \$20. Lafayette TE-15 and 99-5063 tube testers late type tubes no papers, both for - \$20. Mercury 990, late tube tester, papers - \$15. Philco 050 tube tester - \$18. Sylvania scope voltage cal unit - \$10. HP VTVM 410-B - \$20. RCA 9606 beat freq. osc. - \$12. Some 3"-5" scopes. More test eqpt. for radio-TV-FM, write wants - SASE. Electricians pocket line voltage tester 115 to 600v AC-DC - \$6.50. IRC Volume Control Replacement Manual 1946, old sets - \$10. Bundle 1941 Service Notes, mixed 1 1/2" - \$8. Supreme TV Service 1953 to 1962 - \$6 ea. Rider's Radio Vols. 10, 12 - \$10 ea. 807 tube - \$5. VT 235/7193 - \$3. Howard Sams Red Book - \$10. Riders Index - Radio 1 to 10 - \$10. RCA Selectavision N.O.S. stylus #14900 - \$27.50. 1977 Sinclair TV (see Feb. 1990 O.T.B., p.35), 2" - \$200 or BO. Delmonico Transport 4" Model 4T-20-U w/power unit - \$75. GE Model C1423-B N.O.S. w/carton clock radio made in U.S.A. unsold stock - \$27.50. Marconi 2 slide tune coil 3 1/2" x 13" - \$95. Metro Jr. crystal set, det unit not orig. - \$75. Heath CRI crystal rec. - \$95. RCA 6 tube catacomb - \$30. Junking following sets for parts sales: Radiola 80, RE 73, 17, 18, 33, 20, 25. Web B elim w/tube - \$20. B elim w/tube ? - \$20. RCA WA44-c sine-sq. wave audio sig. gen. - \$30. Radiola 62 field supply B unit - \$20. Pound radio solder - \$7.50. 100 feet #27 gauge brown litz wire - \$5.50. (25) assd. small RF coils & chokes, all - \$4.50. (25) assd. IF, RF, chokes, some pull outs, some new, all - \$7.50. Mixed resistors, lb. - \$5. By pass mixed pound - \$7.50. RCA AR77 orig. manual - \$10. Radio Retailing Tricks of the Trade 3rd ed. - \$7. 3+ pounds junker headphone cords, all - \$8. Lot of orig. N.O.S. boxed Philco, Zenith, RCA, 60 items, all - \$12. Record changer spindles for 45's round type, and flat style, 15 assd., all - \$25. How To Become A Radio Amateur, 1932 - \$6. NRI 22 assd. booklets, all - \$11. Radio & TV Institute work sheets, 15, all - \$10. IRC, 11 assd. booklets, all - \$7. Drakes Cyclopeda of Radio 1942 - \$15. Radio News from March 1943 to April 1946. Tube Saga Series in 22 parts - \$4 per month. QSL cards 1930-1940 - \$1/3. Radio for the Millions Pop. Science 1945 - \$15. (8) small transistor sets, all - \$27.50. (3) RCA transistor sets, all - \$29. (3) AM-FM, all - \$20. AK brass shell sockets #4652, 3 - \$10 ea. #7603 - \$12. #3845 - \$16. #3840, WD-11 - \$20. (6) assorted old coils - \$15. Have lists on the following, a SASE each list: horn speakers, books, magazines, tubes, keys sounders, AM-FM tuners amps, old test eqpt., crystal sets, old tune coils, radios. Later will have list on N.O.S. boxed parts collectors tubes. Old parts. All items plus pack. and ship. charges, min. orders \$8. Have 1000's unlisted items. Write wants - SASE. Krantz, 100 Osage Ave., Somerdale, NJ 08083. (609) 783-0400, 9 am to 8 pm ES Time

**IF YOUR EXPIRATION DATE IS
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FOR SALE: Marantz stereo amp #1060 - \$50. Heathkit tube preamps #AA-131 and #WA-P1 - \$20 ea. Philco Deco table radio #41-256 - \$95. AK #F-2 speaker - \$45. AK #46 - \$25. Shipping extra. Rick Yerke, PO Box 392, Moscow, PA 18444

WANTED: Admiral 16-D5 and early transistor radios. Modest price paid for right condition. Richard Bell, 100 South Meyers Dr., #1304, Lafayette, LA 70508. (318) 989-1633

WANTED: Philco; CRT (12") faceplate M#50T-1403, dial scale 2 band 2 1/2" x 8 5/8" M#39-30. Tuner or shaft Stromberg M#TV-12. John Dube, RFD #1, Box 3715, Poland Spring, ME 04274. (207) 998-5687

FOR SALE: Dial cover cracked, broken, missing? Give that old radio a new look with a quality made reproduction cover for - \$14.50 ppd. Doyle Roberts, HC63, Box 236-1, Clinton, AR 72031. (501) 745-6690



WANTED: Emerson portable radio, Model 568A, with battery pack. I will pay \$100+ for one in very good condition. Wilson Rodriguez, Rua Timoteo Da Costa 785 - Ap. 1003, Rio de Janeiro, 22450-130, Brazil. Call collect no. 55-21-240.66.31, or fax no. 55-21-240.54.49

FOR SALE: 8-PT-7030 red Deco portable TV, exc & working - \$95. Belmont 638, exc - \$150. Fada 51 cathedral - \$325. AK 84 - \$280. Philco 4" drum speaker - \$10. **WANTED:** Knob for Colonial New World Globe radio, AK 228 or 567, Erla 22P clock cathedral. Gary Hill, 1507 Ridge Ave., New Castle, PA 16101. (412) 654-9335

WANTED: Schematics, owners manuals; Kolster K-23, Freed-Eisemann NR-20, Splittdorf Lorenzo, Bosch 46, Arborphone 27. Bob Bakinowski, 1524 Saint Tropez, Tucson, AZ 85713. (602) 624-8029

WANTED: McMurdo Silver radios, brochures, parts (no test equipment). Have cash and excellent trades. Don Hauff, Box 16351, Minneapolis, MN 55416. (612) 374-9739

WANTED: RCA AR-88 or CR-88 receivers, RCA microphones, RCA and Collins broadcast literature 1930's-1960's. Gary Lee, PO Box 5786, Beverly Hills, CA 90209. (310) 696-0177

FOR SALE: Eico Model #324 RF signal generator, 150Kc to 435MHz in 7 bands, serviced/very good condition - \$59.95 plus shipping. Northwest Electronics, 2509 West 11th, Eugene, OR 97402. (503) 485-3016

FOR SALE: Rare 1935 Postal Radio company Model 35 communications receiver with four coil sets, good condition - Best Offer. Joseph Gallo, 62-70 Fresh Pond Rd., Ridgewood, NY 11385. (718) 497-5143

WANTED: 1930 thru 1940 Depression Era metal radios, any name, any condition. Joe Montanaro, 1308 Dover Hill Rd., Santa Barbara, CA 93103. (805) 962-8796

FOR SALE: Philco #70 cathedral - \$375. Fada #155 - \$135. Rider Radio #3 - \$30. List LSASE. Richard L. Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, evs.

FOR SALE/TRADE: HP95LX Palmtop with manuals, leather case, 512K card, AC adpt., connectivity pack, 2 meg. ram, extended warranty, mint - \$350 cash or trade for modern communications receiver, or mint Norde-mende portable. Stephen H. Friedman, 333 East 46 St. #11C, New York, NY 10017-7417. (212) 490-3919, after 8 pm to mid.

WANTED: Arvin metal sets & Canadian Fleetwood metal sets. Jay Malkin, 1250 Galapago, #206, Denver, CO 80204. (303) 623-6451

WANTED: Colonial Globe radios & parts. Johnny Johnson, 2201 Newton St., Denver, CO 80211. (303) 455-3421

FOR SALE: This ad all items pickup - cash. 7" Mot. TV parts set - \$75. RCA 10" 9T256 - \$100. Philco 1001 - \$125. Fada 10" (TS630 copy) Model 799 - \$150. RCA video disc Selectavision used - \$75. RCA N.O.S. box Selectavision - \$125. Fada Neurolette wood panel, and chassis - \$55. Philco 50T1404 - \$50. Philco AM-FM phono floor Model 47-1230 - \$65. Philco Model 49-1480, this is a floor model, dual doors 12" TV-AM-FM radio phono player, the entire combo in a custom classical console cab. - Best Offer. Philco 60 chairside radio - \$100. Bendix tea table radio 646-A, needs dial scale - \$65. Philco 512 painted case, some chips - \$85. Majestic large floor model cab. only 60-90-80 - \$25. Kellogg 507 batt. radio - \$150. GE-M 61 tombstone - \$175. Stromberg-Carlson 58-T tombstone - \$150. Riders TV serv. manuals - \$5 ea. Box lots used 7-9 octal loctal TV tubes N.O.S. & pull outs. Krantz, 100 Osage Ave., Somerdale, NJ 08083

FOR SALE: Plastic reproduction dial covers, Belmont 6D111, Fada 1000, Emerson 40, 520 - \$14.50 postage paid. Others with old cover or drawing, these are quality dial covers which will enhance the appearance of your set. Doyle Roberts, HC63, Box 236-1, Clinton, AR 72031. (501) 745-6690

WANTED: Sonora 301 Bakelite chrome trim, looks like 40's car grille. Arnold Hornstein, 21 Golden Hill Ct., Baltimore, MD 21228

WANTED: Philco 20-70-90 speaker; oval base dial telephone with oak ringer. Robert Perlstein, 17 Vine St., Medford, MA 02155. (617) 391-3026

FOR SALE/TRADE: SX62, NC190. **WANTED:** Magic (tuning) eyes! SX-11, S-14, NC100X, ACR111, other Allwaves. Jim Dillon, 201 Seward, Jumeau, AK 99801. (907) 586-3223, 10-6 PDT

FOR SALE: Radios & parts. SASE list. Several wooden battery farm sets & others. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614

WANTED: Standard Micronic Rubies, Sony Micro 1R81, as well as other Micros. M.I.B. Victor Visalli, 48 Cedar Ave., Maywood, NJ 07607. (201) 845-0463

WANTED: Owner's manual Scott 310C tuner. Barry Nadel, Box #29303, San Francisco, CA 94129. (415) 346-3825; fax (415) 346-0468

SERVICES: Antique broadcast and communications radios, restoration. Radio Shop, Rt. 1, Box 5-C, Bastrop, TX 78506. (512) 321-7857

WANTED: RCA 103 tapestry grille cloth. Radiola 60 receiver chassis only. N. Hill, 9530 Cross St., Missoula, MT 59802-9510. (406) 258-6388, 3:30 pm M-F MST

WANTED: Practical Electrics for Nov., 1921 (Vol. 2, #1 ?). Will pay top price for exc or better condition. Goldman, 3 Amy Ln., Queensbury, NY 12804

FOR SALE: RCA cathedral Model 100 cabinet - \$25 plus UPS. Phone or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

FOR SALE: Heath WP-2, UA-1 & FM tuner - \$40. Dynakit MK II - \$40 + shipping. Dan Merz, 312 Sierra, Richland, WA 99352. (509) 375-1334

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6221 S. Maple Avenue, Tempe, AZ 85283, Phone (602) 820-5411, FAX (602) 820-4643

FOR SALE: Radios, TVs, test equipment, components, more. Weston Model 686 Type 10A true mutual conductance vacuum tube analyzer (industrial model) with instruction manual, Measurements Corp. grid dip meter with VHF and UHF heads, Measurements Corp. signal generator Model 82, Tektronix Model 310 3" scope, General Radio Corp. Type 783A audio power meter, General Radio Corp. UHF signal generator Type 1021 P2, (2) Clough-Brengle audio sweep generators Model 182A, violet ray machine. N.O.S. 1-watt stick carbon resistors, 31 different values from 400 ohms to 4 megs., 100 each of 12 values, 50 each of 12 values, 5000 pcs. N.O.S. 2.4v 0.3a brass candelabra base pilot light bulbs (blue head), 17 cast metal microphonic damper weights that fit on top of "pear" shaped tubes such as 01-A, assorted tubes, many Sams Photofacts. (2) Discomatic 45 rpm tabletop jukeboxes, (2) Hallicrafters 7" TV sets, Motorola portable 7" electrostatic deflection TV, GE 10" TV in plastic cabinet (cracked), Philco "Telephone Dial" radio remote control unit, Webster-Chicago wire recorder Model 1811 with mic, Webster-Chicago Model 1801 wire recorder, Zenith Trans-Oceanic radio with chassis #5840, Hallicrafters SX71 receiver, several record changers, "Zenith Color TV" illuminated sign. Western Electric Model 25B audio amp, Thompson S70 battery radio, Stromberg-Carlson 501A battery radio, USL Broadcast Receptor Type RC-5 with instructions, Dictogrand Power 6 AC receiver, Eveready AC radio chassis, green A&B eliminator, Acme B eliminator, France Co. magnetic full wave rectifier used to charge 6v storage batteries from 110v AC line, (works like a vibrator). Much more. Will sell in one lot. \$2,500 firm. Must pickup. Ben H. Tongue, 41 Ferris Dr., W. Orange, NJ 07052. (201) 731-9014

FOR SALE: Rider's Volume 1, Public Address Systems Manual - \$25. Country Belle Guild Model 460, mint - \$125. Eico oscilloscope Model 460 - \$45. All plus UPS. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (609) 881-0244

mf/ volts	manuf	each	20 & up
.001/600	Sprague 715P	\$.40	\$.35
.002/600	Sprague 715P	.41	.36
.0047/600	Sprague 715P	.42	.37
.01/400	Xicon (radial)	.26	.21
.01/600	Sprague 715P	.54	.49
.015/600	Sprague 6PS-	.50	.45
.02/400	Xicon (radial)	.27	.22
.022/600	Sprague 715P	.65	.60
.047/400	CMC (axial)	.35	.30
.047/600	Sprague 715P	.68	.63
.05/400	Xicon (radial)	.35	.30
.1/400	Xicon (radial)	.50	.45
.1/600	Sprague 715P	1.00	.90
.22/600	Sprague 715P	1.50	1.35
2.2/450	Rubycon (axial)	.65	.60
4.7/450	ICC (axial)	.66	.61
10/450	Xicon (axial)	.98	.91
22/160	Rubycon (axial)	.75	.70
22/450	Xicon (axial)	1.30	1.25
33/160	Xicon (radial)	.88	.83
33/160	Rubycon(axial)	1.08	1.03
47/160	Xicon (radial)	1.30	1.15
47/160	Xicon (axial)	1.30	1.15
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80/450	CWI (axial)	2.60	2.20
shipping charge, U.S.A. flat \$ 4.00			
FRANKENSTEIN'S RADIO LABORATORY			
4010 Fairmont Pkwy, Suite 285			
Pasadena, Texas 77504			
(713) 998-0130			

FOR SALE: Vintage Hi Fi Spotter's Guide, Volumes 1 and 2. Both completely different covering early tube hi-fi and sound reproduction equipment from the 1930's to 1965. Includes amps, preamps, speakers, tuners, turntables and other items. Each has over 450 illus. and helpful index. \$17.95 ea. or \$32 for both ppd. Limited printing, secure your copies now! Charles Kittleson, PO Box 691, Belmont, CA 94002. (415) 595-4164

FOR SALE: Radios: neon Franceformer - \$20. Sylvia green thermometer - \$75. RCA plastic dealer display - \$25. Sams folders - \$8 ea. AK knobs: large - \$8, small - \$5. 1950's radio paper - SASE for list. Sparton 5-A-116, white, excellent - \$70. RCA 4X-552, white, needs knob - \$25. RCA X-552, white - \$35. Emerson 510, nice - \$40. Zenith 6D-615 case and knobs only - \$25. Zenith J-615-G, gray, nice - \$65. Coronado 43-8190, all original - BO. Sentinel 332, white - \$70. Air Chief S-7426-8 - \$85. Silvertone #9000, 132.857, brown - \$45. **WANTED:** Nice old wristwatches. Thanks. Del Tysdal, 812 Broadway #4, Fargo, ND 58102.

WANTED: The following military radio items: control, receiver C-2275/ARN, part of the AN/ARN-59 direction finder set and receiver AN/ARR11, which is the companion to the AN/ART-13 transmitter. Alan Schreier, WA5DJU, 12805 Powderhorn St., Austin, TX 78727. (512) 835-2056

FOR SALE: Nice Heathkit EK-2 - \$35. Hallicrafters S-38 - \$25. Audel's Guide 8, 1921 - \$20. All plus shipping. Lisaius, 116 Orton, W. Caldwell, NJ 07006. (201) 226-7943

FOR SALE: Zenith 1SU269, 7S232, 10S153, 5S319, AK 82, AK 84, Philco 90, Fada Bullet 1000. Kent Martin, 7803 Butterfield Dr., Elkridge, MD 21227. (410) 796-1953

WANTED: Coil set FB-F, 900 to 1500 kHz for National FB-7 receiver. Pat Stewart, W7GVC, 1404 Ruth Ave., Walla Walla, WA 99362-3558

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**Still delayed, but eventually I will get it finished!*

FOR SALE: New Crystal Radio Price Guide, 360 listings, 12 pages - \$7.50 plus 52c LSASE. Dick Kowalski, KB8MR, 32823 Gloede Dr., Warren, MI 48093

FOR SALE: New photo list: Bakelites - transistors, novelties - no returns in 4 years! Send 2-stamp SASE to: Don May, 16 Gully Dr., South Windsor, CT 06074

WANTED: Arvin metal radios, dead or alive. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

WANTED: \$\$ cash \$\$ for both Majestic Model 50 knobs and RCA Model T6-1 dial. Tim Ovington, 7600 Golden Rise Ct., Bakersfield, CA 93313. (805) 664-1169

FOR SALE: Westinghouse Model H-104, nice radio, works, is very heavy, Aetna battery radio Model #27 - \$15. Zenith Model 1H03, tuning knob missing, very nice - \$22.50. RCA 9BX56 - \$15. Philco Model 40-120, low volume - \$25. Atwater Kent Model 33, excellent cond. - \$100. Zenith Model 4-K310, very good cond. - \$95. Jim Walker, 404 Hillcrest, Waterloo, IL 62298. (618) 939-5006

FOR SALE: Telefunken Andante stereo, Emerson 512, Trans-Oceanic, RCA RZM198 EX. - \$30 each + UPS. R. D. Chenez, RFD 2, Box 437-J, Plymouth, NH 03264

WANTED: Rider's Radio manuals Volumes 3 and 5.
FOR SALE: Atwater Kent 545 tombstone. It has been refinished nicely, original knobs, grille cloth and is playing. Also have RCA 125 tombstone that is playing, has been refinished with polyurethane, and has reproduction knobs. It does not have its original grille cloth, but can supply the original if interested. Both radios sold as is. Thanks. Ed Martin, 485 Benwood Hill Rd., Benwood, WV 26031-1301

WANTED: Yoke for 1951 Zenith chassis 24H20, Part #95-1246. (Interchanges Stancor DY-7 & Triad MD-70F). Harold Hagen, 2428 S.W. Myrtle St., Seattle, WA 98106. (206) 625-1950

WANTED: Stromberg-Carlson #61 H Allwave radio receiver owner's manual photocopy. Mark Phillips, 171 Buckley Hill, Wellsburg, WV 26070-2203

WANTED: Older type battery eliminators. Edmund DeCann, 307 3rd Ave. W, Osakis, MN 56360. (612) 859-4282

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NEW ADDRESS and
SUB #
MANY THANKS!!!!**

MESSAGE: Those who sent \$2 for BC-348 info send LSASE for recent additions. Ray Larson, 12241 1/2 Gorham Ave., W. Los Angeles, CA 90049-5214

MESSAGE: 20-page photo list - 175+ antique radios for sale, TVs, tubes, parts, etc. M. Ohman, Box 314, Albany, MN 56307

FOR SALE: Westinghouse table radio, Model H 188, good working condition - \$30 plus \$5 UPS. Donald Schoenheide, 1830 S. Christine, Westland, MI 48185. (313) 476-7321

FOR SALE: RCA 140 tombstone - \$385. Radiola 60 with RCA 103 tapestry speaker - \$385. 1933 RCA 260 color dial - \$225. Philco 89 cathedral - \$185. RCA 103 tapestry speaker - \$135. Atwater Kent 206 cathedral, restored - \$575. 1948 AMI Model B jukebox, super mint - \$2,895. Antique Apparatus jukebox (Wurlitzer 950 repro), plays 45's, 200 selections, perfect condition, list \$10,000 - \$6,495. Call (201) 262-9466 N.J., ask for Harvey. Harvey D. Rieff, 320 Lacey Cr., New Milford, NJ 07646

WANTED: Back and call letter flag for "Universal Publicizers" microphone radio in black. Jim Rose, 1419 Indian Dr., Enid, OK 73703. (405) 234-6686

32ND ANNUAL AWA HISTORICAL RADIO CONFERENCE

Antique Wireless Association, Inc.

Wednesday-Saturday, September 22-25

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Four days of outstanding activities for the radio collector and historian

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- AWA Museum open with expanded hours
- Huge (3-acre) antique-radio flea market
- Book fair extended to three days
- Large program:

DXing with the Westinghouse RC
Books & Magazines, with John Terrey
Radio Collectors' Slide Show
Frank Conrad Biography
"On the Air" Film on KDKA
Charles Herrold/Radio SJA Story

Atlantic Cable
Amateur Radio
News for SWLs
Key & Telegraph
Pre-1910 Equipment
Early History of Collins Radio

Write for details: AWA, Box E, Breesport, NY 14816.

(Advance registration is advisable. Full program in the *Old Timer's Bulletin* for August.)



WANTED: Colonial 117 bezel, DuMont RA103 Chatham TV, Firestone 4A12, Zenith 1203 chassis, Zenith 5R317 glass rod cabinet. Following brands Model 571: Aetna, AFA Concord, Dasco, Delmar, Freedom, Puritan, Southern States, Unico, Windsor. **FOR SALE:** Over 150 radios, TVs, test equipment clearance. New list next month, SASE. Dennis Smith, KN8H, Box 113, Trenton, MI 48183

WANTED: Pilot B1151 Lone Ranger. Also Grunow 588, I have cabinet, but need rest of the radio. Thanks. Jim Collins, 16727 N.E. 88th St., Redmond, WA 98052-3758

FOR SALE: Setchell Carlson TV ashtrays (2), lighters (2), unused - \$10 all, postpaid. Include SASE with funds. Thank you! Hugh Miller, 6400 Maltby Rd., Woodinville, WA 98072-8375

FOR SALE: N.O.S. 5TP4 projection CRT, guaranteed - \$600 plus UPS. Joe Anderson, Box 890232, Weymouth, MA 02189. (617) 337-9302

WANTED: Iconoscopes and Farnsworth-Dissector for my collection, also other early tubes, working or duds. U. Radtke, Im Fuchtei 143, W-4830 Gütersloh, Germany

FOR SALE: Webcor portable phonograph, ca. 1953, original instruction book, good condition - \$45/offer. Carl Steinberg, 5 Cannan Rd., Monsey, NY 10952. (914) 352-0701

FOR SALE: Radio tubes, tested good, limited supply of each. IV, 6Z5, 12Z5, 25Z5 - 75¢ ea. 2A6, 6A7, 6B7, 6C6, 6D6, 6F7, 12A5, 37, 38, 39/44, 44, 56, 77, 78, 85, 89 - \$1 ea. 5Z3, 6A4, 6A6, 6E6, 6E7, 12A7, 34, 36, 41, 43, 55, 58, 75, 76, 84, 84/6Z4 - \$1.50 ea. 6B5, 30, 31, 32, 35, 35/51, 49, 59 - \$2 ea. 2A5, 46, 47, 48, 53, 83, 83V, 6E5, 6N5, 6V5/6G5, 1629 - \$3 ea. Plus postage. Recommend you call for availability. Herman Fothe, 10 Jackson St., Sloatsburg, NY 10974. (914) 753-2090

FOR SALE: Atwater Kent Model 46, metal, AC, green and black, nice clean condition with correct matching speaker - \$100. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Case for Airline #93WC-604 (see Collins I, p. 71), must be in excellent condition. Will buy junker radio. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

WANTED: Miniature tape recorders, professional and consumer toy models, miniature reel-to-reel and non-standard cartridge type, working or not. Items of interest include related accessories, such as Phono Trix fountain pen microphone and small plastic colored reels, red, blue, yellow, green. Highest prices paid for the following tape recorders: FI-Cord, Freeman, Electra 707, Minifon Cipher, Stuzzi, Stenotape, Dokorder. UHER portable tape recorders and accessories including promotional items, displays, merchandising aids, manuals, brochures, and documentation or historic broadcast usage. Publications of interest include Tape Recording Magazine, U.S.-issued. Tape Recorder Magazine, Pre-Studio Sound, England. Misc. tape recorder references, equipment annuals and literature. Also require complete Sams tape recorder series. Detailed listing available of most wanted tape recorders, including full size open reel, such as Sony Model EM-1 and Types G, M, H. Desire to correspond with collectors worldwide. Finders fee available. Joseph A. Morinelli, PO Box 811, Bryn Mawr, PA 19010. (215) 789-5472. Fax: (215) 789-4170

FOR SALE/TRADE: Motorola SKR152CW 18-tube AM/FM stereo phono - \$75 or communications gear. Pete Grave, PO Box 175, Ottsville, PA 18942-0175. (215) 847-2214

FOR SALE: Scott 21 tube chrome chassis with 3 speakers & beautiful cabinet - \$1,800; can ship anywhere in the country, but would prefer pick-up. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

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Send for list, SASE plus \$1 — Terms: Cash or approved Penn. check.

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102 W. Main Street, Bath, PA 18014 - (215) 837-7140

WANTED: Nameplate (tag) for Lionel J-36 bug, or complete Lionel Vibroplex or J-38 key. James J. McGrath, W21QJ, 2 Centerview Ln., West Seneca, NY 14224. (716) 675-0160

WANTED: Speaker Part #49-238 and knobs for Zenith 5R312, 5R316, 5R317, 5R337, or 5R303, Chassis #5528. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (908) 725-7476

FOR SALE: Rider's Radio Manual set 1-5 abridged, 6-19 as a set only. Best offer over \$270. David Boyle, 7169 W. David Dr., Littleton, CO 80123. (303) 979-5403, evenings

WANTED: Parts to fix Cone-Centric automatic tuning for Philco Model 38-4. Bob Remes, 2815 Suffolk, Kingman, AZ 86401

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WANTED: By-pass axle leads condensers 01 to .1 mFd. 400 or 600 WV. Also volume controls. Must be a good price. Chuck's Radio. Send list to: Chuck's, PO Box 598, New Haven, WV 25265

WANTED: Quack medical, scientific, and optical devices. Especially violet rays in mint condition. Richard Cane, 1333 N.W. 127th Dr., Sunrise, FL 33323 (305) 846-7116

FOR SALE: Arborphone radio. UX201 Kenrad N.O.S. (2) -483 Sylvania N.O.S. (5) ST485 (1) 484 balloon (1) ST483 (27) 1, 2, 3, gang tuning condensers. Clegg Zeus 6N2 xmtr. Pete Putra, 1429 Lawndale Ave., Racine, WI 53403. (414) 632-2543

WANTED: Help! Need oscillator xfmr for Philco 60 (#32-1048). Tube chart Jackson 648. Thanks. John Sampson, 75 Glenwood Dr., Leominster, MA 01453. (508) 537-0092

WANTED: A junk Hammarlund HQ 145, 170 or 180 for parts. Jeff Brandon, 1244 Old Hwy. 51 N, Hernando, MS 38632

WANTED: Manual, schematic GR 1233A. L. Larsen. 308 Hamilton Ave., Silver Spring, MD 20901. (301) 587-8143

WANTED: Dial glass in excellent condition for Hallcrafters Model SX-111. Speakers for Montgomery Ward. Movie dial Model 62-293. Jay Daveler, 5th & Cannon Ave., Lansdale, PA 19446. Fax: (215) 362-2825, or phone (215) 368-2520

WANTED: Regency TR-4 transistor pocket set. Pay up to \$250 plus shipment by U.S. check in advance. Thank you! Please write, phone or fax to: Rudi Herzog, Box 140108, 30959 Hemmingen, Germany. Phone: (49) 5045 7464; fax: (49) 5101 5100

FOR SALE: Sony BW 5" television with manual and carrying case, vg, Model 53C3W - \$50. Phillip Grant, 119 Hoeshop Rd., Bernardston, MA 01337. (413) 648-9077

WANTED: Hallcrafters SX-42, Motorola A1, 5A7, Arvin RE6, Philco 41-81. Ichiro Yamada, 10-21 Chiyododai-cho, Kawachi Nagano-shi, Osaka, Japan 586. 0721-52-4695, eve., local

WANTED: Eimac 300T and 500T. Industrial/special purpose tube manuals or pamphlets. Also any odd or out-of-the-ordinary tube types. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

FOR SALE: Realistic, DX440, mint condition owners manual - \$170. Courier, twenty three+ CB, mint - \$240. Johnson Messenger two twenty three, vg - \$85. Silttronix S513 23, rice - \$135. Raymond Larison, RR 1, Box 103, Orleans, NE 68966. (308) 652-2771

WANTED: Manuals or copies for: Hickock tube tester Model 750, Tektronics Type 5154 oscilloscope and Heath capacitor checker Model IT-11. Vince Pacelli, 3010 Blithe Dr., Chester, VA 23831. (804) 796-4726

WANTED: Cover for AK Type Y power supply or junker supply. George Folse, 630 Dolhonde, Gretna, LA 70053. (504) 362-9228

FOR SALE: AK 19 - \$350. AK 20 - \$125. GE Disneyland clock radio - \$75. **WANTED:** Philco 90 case in good shape. Mark Delauter, 6253 S. H. 120, Metamora, OH 43540. (419) 923-7737

FOR SALE: Sencore Model CR161 CRT tube tester with instructions - \$25 plus shipping. Hank Boersma, 6253 Dolores Dr., Oak Forest, IL 60452. (708) 687-9444

WANTED: The two large knobs for Kennedy XV Type 430 or parts set. Charles Combs, 508 E. Daniel, Albany, MO 64402. (816) 726-3038

WANTED: Paragon RA10, DA2. Cash, trade, up or down (AK 10 available). Brian Roberts, 3068 Evergreen Rd., Pittsburgh, PA 15237

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WANTED: Early transistor pocket sets like Mitchell 1011, Regency TR-1, Motorola 56T1, Raytheon T-100 and others. Will pay top dollars. Please phone, fax or write to: Rudi Herzog, Box 140108, 30959 Hemmingen, Germany. Tel.: (49) 5045 7464; fax: (49) 5101 5100

WANTED: Early Magnavox and Music Master tubes. Gold, blue, rainbow, 01-A tubes. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517

FOR SALE: New. Small parts hard-to-find items. RF coils-chokes-IF cans, capacitors and much more. Send \$2.00 for catalog. Northwest Electronics, 2509 West 11th, Eugene, OR 97402. (503) 485-3016

WANTED: RCA Radiola 103 tapestry speaker, excellent only. **FOR SALE:** Swan collectors: Model 500CX - 500 watts PEP - 10-80M. Orig. owner. New finials. No beam reqd. with this set. Bids. R. Monterosso, 4156 Harriet Rd., Bethpage, NY 11714. (516) 796-3804

WANTED: Zeniths of all types. Send details. Cash or non-Zenith trades considered! Harvey Leners, 5426 So. 185, Omaha, NE 68135

FOR SALE: Red Emersonette postwar Plaskon - \$375. Wells Gardner 5D2 Bakelite - \$150. GE F-63 wood Deco - \$50. RCA 96T7 chrome grille - \$95. Grunow chrome grille midget, needs refinishing - \$75. Silver-tone thumbwheel Bakelite, ca. 1939 - \$150. Silvertone mini-metal No. 1 - \$65. Rare Silvertone/Arvin metal version of Candyane radio #7022 - \$150. Philco 60 cathedral - \$125. RCA 119 tombstone - \$95. Airline/Belmont push button 54BR-150JR - \$45. Black Silvertone 4500A - \$95. Philco Butterfly, refinished - \$195. Echophone S-3 - \$250. Climax midget - \$110. Zenith 4T26 tombstone - \$70. White Plaskon Stewart-Warner Bullet - \$245. General Television wood/Bakelite - \$110. Transistors: Hitachi TH-666, white - \$150. Very rare aqua Emerson 555 - \$150. Beautiful coral Zenith Royal 200 - \$200. Motorola Pixie, pale grey - \$150. Star-Lite mini-tube, pale green - \$75. Many more desirable radios of all types! Send LSASE plus \$1 for photo catalog of over 150 radios for sale, many from private collections. Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

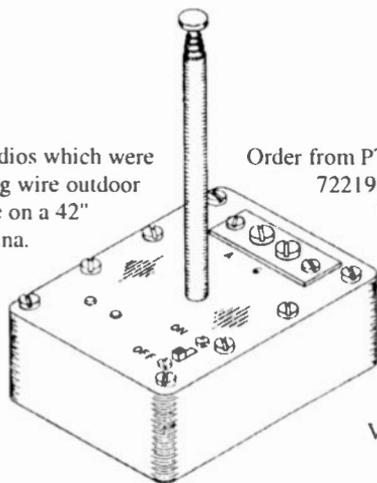
FOR SALE: Transistor radios. Four Star Boys radio, black, similar to Mellow Tone - \$65. GE P15 with leather carrying case, charger, instructions - \$150. Emerson 911 Eldorado, black - \$95. Zenith Royal 50K, white, N.I.B. - \$95. **FOR TRADE:** Lafayette Novelette Micro Super, earphone only. **WANTED:** Crown miniature tube radios, Model PR535C. Richard S. Lambert, 166 E. 34th St., Apt. 13H, New York, NY 10016. (212) 684-6564, eves.

WANTED: European auto radios, 1940's, 1950's, 1960's Blaupunkt, Telefunken, Smiths Radiomobile, Becker, etc. One or two piece, complete or incomplete. Wilford Wilkes, Box 103, Brisbin, PA 16620. (814) 378-8526, fax (814) 378-6149

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FOR SALE: Antique radio apparatus. Old tubes, parts, etc. Car radios 3/15, wood radios Philco 20, Arvin, Emerson, Zenith, Westinghouse refrigerator H126 - \$80. Zenith Royal 16 - \$30. Toshiba 8TM294 - \$75. Novelty Train radio - \$45. Riders 1-5 abridged - \$45. Charlie McCarthy Radioparty game 90. Thordarson transformer literature, catalogues 1930's. Lafayette catalog. Transistors. Firestone wood clock radio. SASE list. David J. Grace, 20 Oneida St., Johnston, RI 02919. (401) 331-6641

FOR SALE: Send LSASE for long list of books on radio, TV, audio and electronics. Jon Steinhauer, 636 Westminster Rd., Baldwin, NY 11510

WANTED: Zenith Stratosphere, 16- or 25-tube model. Will buy or trade generously from our huge inventory. Alan Jerspenson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489

FOR SALE: Navy type multimeters: TS352/B beautiful Bakelite face in ruggedized, waterproof case!, comes with high voltage probe, batteries & manual - \$25. Also available: TS505 portable VTVM test set w/probes & AC cord - \$25. Send for listing on other meters. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

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FOR SALE: Books by Rider: Aligning Philco Receiver Vol. 2, 1941, w/dust jacket - \$15. VTVM Vacuum tube voltmeter 1941, w/dust jacket - \$15. The Cathode Ray Tube at Work, 1941 w/dust jacket - \$20. Frequency Modulation, 1940 - \$15. Automatic Record Changer & Records, 1941, over 700 pages - \$30. Approximately 35 IRE Proceedings 1947-49 - \$85. Rider's Perpetual Trouble Shooter Vol. 1 - \$65. Radios for sale: Atwater Kent 208 cathedral - \$475. Atwater Kent 185 - \$185. Ding Dong School RCA 45 player - \$135. Westinghouse RC - \$225. Philco 49-1002 TV and stand - \$250. Federal 58 - \$675. Waves, 32 E. 13 St., New York, NY 10003. (212) 989-9284. Fax (201) 461-7121, hours 12-6, Tues.-Fri.: 12-5, Sat.; closed Sun., Mon.

FOR SALE: Emerson 109 (Collins I, p. 30), w/box - \$125. RCA 100 speaker - \$45. DeWald JD-519, white - \$65. Philco 49-501 Boomerang - \$225. Teletone Mod ? small Bakelite w/tan grille - \$75. Emerson EC-301 - \$35. Emerson 640 portable white w/original box - \$85. Emerson 850, maroon & white - \$55. Others. Call: Jon Steinhauer 636 Westminster Rd., Baldwin, NY 11510. (516) 223-9878

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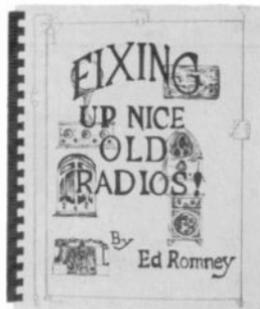
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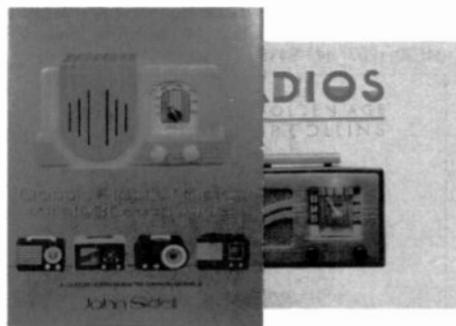
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(Sep-93)

WANTED: Chassis for a Viking cathedral, up to 10 1/8" wide, up to 7 1/2" deep, 2 knobs up to 3" apart. Matthew Hinson, 1663 Bridge St., Merrick, NY 11566

WANTED: Microphone for Fi-corder. Sony ICR-100 radio & 8-301 TV. Gilfillan GN-1. Any Japanese WWII set, i.e. 1 tube TRX Type 94-6 & TX Type 94-5. German radios made in 1930's. German military tubes. 6D5 tube. Noriyoshi Tezuka, 1-10-7-807 Higashigotanda, Shinagawaku, Tokyo 141 Japan. Fax 011-813-3440-8396

FOR SALE: Dynaco Stereo 70 - \$200. PAS-2 \$75. Fisher X-100B - \$70. Fisher Model 400 receiver - \$100. Doug Weiss, 7305 Reynard Ln., Charlotte, NC 28215. (704) 531-7200, before 9 pm EDT

FOR SALE: General Electric Radio Service Notes 1935-39. Radios, phonos, etc., illustrated - \$25 plus shipping. Charles Randall, 8711 Greens Ln., Randallstown, MD 21133. (410) 922-1623

WANTED: Grebe Model MU-1 Synchrophase in excellent condition. RCA Model 140 tombstone. Richard Mountjoy, 1915 S. 39th St., No. 44, Mesa, AZ 85206. (602) 926-8174

FOR TRADE: My Crosley Model 168 cathedral, 2 1/4" x 2 3/4" Koni-Omega Rapid camera, Model 30 AK, Freshman Masterpiece, have other items - for a Philco late Model 90, will consider a Model 70 with AVC. Richard J. LaMark, 6822 Tuckahoe Rd., Williamson, NY 14589. (315) 589-2552

SERVICES: Wooden case radios refinished. Edward Kahle, 239 Florence Ave., Waynesboro, VA 22980. (703) 942-4589, B4 9 pm EST

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AUCTION: Radio auction, Sept. 26, 12 noon, preview 10 am at Klecknersville, Penn., Firehouse Social Hall. Directions - Rt. 512 North from Rt. 22 near Bethlehem or Rt. 512 South from Rt. 33 Wind Gap, West on Rt. 946 at Moorestown traffic signal about 3 miles to firehouse. Offering AK 10, 10/Radiodyne, 511, more; Crosley Trirdyn, Echophone S-3, (13) Emerson, Eria Duo-Reflex, Fada 3 Neut., Federal 59 & D-10, Freshman Q-15, Grebe MU-1, (6) Hallicrafters, Hammarlund-Roberts Neut., Kellogg 507, Kennedy 281, National NC-60, SW-54, B-D breadboard, (20) Philcos, (28) RCA, Silver-Marshall 630, (14) Silvertone, (6) Spanton, Stewart-Warner 102A, (7) Stromberg-Carlson, Thermiodyne TF-6, Westinghouse RC, SR, Refrigerator & more, Zenith 4R, Trans-Oceanics, Zen. transistors - 500L, 3000-1, Victor table phonograph Model VV-VI, Tele-tone Model TV 149. Also tube testers, volt-ohm meters, VTVM, speakers, tubes, battery chargers, battery eliminators, etc. Send for list, SASE plus \$1. Terms: Cash or approved Penn. check. Wil Hahn Auction Co., 102 W. Main St., Bath, PA 18014. (215) 837-7140

FOR SALE: TV's, radios, parts, books. **WANTED:** Ham 6 meter FM transceiver. Send want list with SASE. Don Weiler, 4641 Kawanee Ave., Metairie, LA 70006

WANTED: One or two WE 274A tubes. Rodney Schrock, 402 Lincoln St., Somerset, PA 15501

FOR SALE: Retiring at 84. Close-out of tubes and radios continuing. Send for list. Robert Gordon, 18560 Jewel Crest Dr., Muskego, WI 53150. (414) 679-1232

FOR SALE: N.I.B. Space Shuttle Columbia, similar to Plate 249 - \$25+ UPS. Rod Galloway, 2220 Woodbury Rd., Melbourne, FL 32935. (407) 254-0280, after 5

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FOR SALE: White Plaskon Sparton Polo Club, one repaired grille bar. Zenith Aviatrix console pictured in Clark's ad June '93 A.R.C. - \$875. Stromberg-Carlson shortwave converter, 1934 - \$150. RCA 111 - \$110. Philco Mystery Control unit - \$60. Philco banner advertising demonstration of the new Mystery Control - \$115. Colonial peaked top tombstone, walnut and black lacquer - \$150. Philco 90 cathedral, non-professional refinish but very restorable - \$350. Wurlitzer Lyric cathedral S63 original - \$225. Brunswick 5-tube cathedral, cabinet nice original, vol. control missing - \$145. AK 84, worn finish - \$365. Pilot FM tuner - \$35. Howard FM tuner - \$110. Arvin Rhythm King console - \$750. Arvin Rhythm Queen console - \$495. Arvin Rhythm Maid large tombstone, excellent - \$265. Arvin 518 Phantom Baby - \$125. Setchell-Carlson white Plaskon frog eye - \$75. Black Zenith Pocket Radio 4K600 portable, excellent condition - \$145. Stewart-Warner Varsity 97-562, brown - \$225. 1931 Bakelite Ekco M23 tombstone - \$750. RCA 10T tombstone. RCA T-10-1 tombstone, refinished. 1946 Westinghouse miniature billboard, Jewel is pictured - \$245. "Philco Balanced Unit Radio" backlit glass sign, excellent - \$325. (3) Zenith chrome fronts: 809, 829, 835. Zenith consoles: 15U270, 15U269, 15S373A, 12S371, 12S370, 12U159, 12U158, 12A58, 12S265, 12S266, 9S365, 9S262, 9S367, 8S154, 8S463, 7S366, 7S363, 75, 410, 880 and many others. Zenith chairs/desks: 12S245, 6S147, 9S344, 9S244, 9S242, 7S240, 7S343, 6S249, and many others. If you are looking for a set not listed, please call for more info. We can and do ship consoles anywhere and we do it right. Zenith table models: 807, 4B131, 5S126, 5S119, 5S127, 5S228, 5J217, 6D311, 6S223, 6D117, 7S323, 6S27, 6V27, 6D413-crack, 6P428, 6D425, 7S432, 6S527, 6D525, 7S633, 7S634 and many others. To reference most Zenith radios, we offer a 60-page 11" x 17" Zenith Brochure Book depicting models from 1920 to 1946 - \$28.95 ppd. Zenith Trans-Oceanics: 8G005 - \$175, 1000 - \$175, 3000 - \$175, 7000 - \$295. Vintage Zenith neon dealer window sign, excellent condition with xfrm, orange and green - \$475. 1931 Philco Radio etched plate glass and neon dealer sign - \$550. We accept Visa and MasterCard. All radios unrestored electrically unless noted. Shipping extra unless noted. Satisfaction guaranteed, highest quality possible assured. Contact us for professional speaker reconing and repair. When in Minneapolis, be sure to visit our retail location in our own Radio Row, just a few minutes from the airport. Alan Jespersen/Mike Emery, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am to 8 pm Central time, 7 days. Fax only (612) 727-1908, 8 am to 8 pm.

FOR SALE: Emerson 520 Catalin, exc - \$120. RCA 56X5, exc - \$45. Truetime 726, good - \$40. Arthur Kreitner, 2013 East Belle Ave., Belleville, IL 62221. (618) 233-5610

WANTED: Grebe radios & literature, old QSL cards, R9 magazines, Drake communications equipment. Joe Holstein, 1515 Sashabaw, Ortonville, MI 48462

FOR SALE: Collection of 175+ radios as one lot - \$9,000 OBO. James Gadd, 22 Alamanda Dr., Ormond Beach, FL 32176. (904) 441-6360

FOR SALE: Insert maroon and yellow Fada 1000 (rare), Motorola circle grille, early plastics including Detrola and Kadette. Please write or call. Rain Butting-nol, 214 State St. #7, Portsmouth, NH 03801. (603) 427-1384

FOR SALE: Make your own old-time black & white movies! 16mm film for your old and not so old movie cameras! Kodak Plus-X negative R.P. film 7206. SP447 for 16mm magazine cameras or can be rewound for any 16mm movie camera - \$10 for 50 ft. roll. Tri-X pan 4X5 B&W film also available - \$5/16 sheets. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

FOR SALE: Western Electric Tweeter #555 - Best Offer. Seeburg jukebox amplifier #SB7, excellent condition - B.O. Matty's Radio Shop, 295 Grove St., Providence, RI 02909

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FOR SALE: AK 20 - \$65. AK 30 - \$75. AK Horn - \$95. Majestic 461 chrome-front tombstone - \$95. Philco 89 cathedral - \$75. Radiola 100 speaker - \$40. Silvertone 4465 tombstone - \$275. Thorola horn - \$65. Zenith 8S433 - \$125. 5-tube Neutrodyne kit - \$75. 01-A bulb tubes - \$6. Consoles: Scott 800B Regent - \$400. AK 812 - \$295. Philco bar radio - \$900. Philco 15 - \$175. Pooley Governor Winthrop desk - \$495. Phonograph items: Victor Credenza - \$400. Columbia Q - \$85. Edison 2/4 minute Standard with Morning Glory horn, excellent original - \$595. Cylinder records - \$4 ea. Various horns, inquire. Console delivery to Rochester and California. **WANTED:** AK 447 tombstone. John Hayes, 27 Highland Dr., Henniker, NH 03242. (603) 428-3053

WANTED: Wanted for my collection, any condition: Western Electric amplifiers, speakers, horns/drivers, transformers chokes or parts or literature, etc. RCA speakers/enclosures: MI-4400, Type 64A, MI-4410, MI-4411, LC1, LC1A/B/C or Jensen 15" or larger field coil speakers. Thanks. Rick Nasti, 185 Belmar Ave., Oakhurst, NJ 07755. (908) 531-8520

FOR SALE: Farnsworth ET-064 - \$90. Mitchel 1251 - \$70. Zenith 6D015 - \$65. GE F63 - \$65. Steve Lange, 1351 N. 58 St., Milwaukee, WI 53208. (414) 259-1031

FOR SALE: Radiola 3, transformer missing, fair cond. - \$45. Philco 60 speaker, grille cloth missing - \$40. AK L no driver, repaint - \$35. Radiola 20 cabinet, needs work - \$85. Radiola 26, decent condition - \$310. Hilton 6 transistor Globe radio - \$65. GE radio/TV tube sign, N.I.B., 1960's - \$50. Zenith 4F133 tombstone - \$145. Zenith 6D127 tombstone - \$165. Zenith 8S471 chair-side - \$295. Zenith 9S262, works - \$300. RME 69 fair cond. - \$225. Zenith 7S353 - \$175. Zenith 9S367, needs veneer work - \$225. National 2-40 D with matching speaker - \$325. UPS additional. Joe Szabat, 1019 Hiland Ave., Coraopolis, PA 15108. (412) 264-7498

FOR SALE: Seeburg W, restored - \$3,900. Seeburg 222, nice original - \$2,700. Remler Scottie - \$150. Mike Lynch, 851 Enchanted Dr., Midvale, UT 84047. (801) 282-3211

FOR SALE: Belmont 6D111, white - \$150, brown - \$65. Colonial Globe - \$325. Philco 70 - \$215. John Lyle, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

WANTED: TV chassis for RCA color TV Model 21CT55 chassis CTC2B, clean, complete condition, with or without tubes; do not need CRT or yoke. Please write or call collect. Thanks. John Folsom, 450 Golden Dove Ave. NE, Palm Bay, FL 32907. (407) 725-3462, evenings weekends, ans. mach. after 4 rings

FOR SALE: Pilot TV37, good CRT, nice condition - \$250. Bill French, 7104 H Kensington Dr., Indianapolis, IN 46226. (317) 545-5784

FOR SALE: Electrola VE7-26X, (Look for the Dog, p. 186), or will sell Radiola 18 and electric turntable separate. Victrola VV-4-4 Granada, p. 175. Can bring to Rochester. Gerald Cromer, K4NHN, 1014 Summerland Dr., Cayce, SC 29033. (803) 794-1482

FOR TRADE: Radiola II, Radiola 25, Fada Neutrodyne 175-A. Trade for cathedrals or tombstones. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 387-6764

WANTED: Transistor radios and pocket sets, working or not. Eric Wrobbel, 20802 Exhibit St., Woodland Hills, CA 91367. (818) 884-2282

FOR SALE: All N.I.B. 807's - \$9/pair, 80's - \$5, 12BA6 - \$5/3, 5694 - \$4, 12BY7A - \$4, 35L6GT - \$4/pair. Triplet 100 multimeters, AC clamp, extras - \$37.50 ea. Panavise 366 vise heads - \$9 ea. \$4 S/H flat. **WANTED:** Collins KWM-2A bezel, McIntosh C-22 original manual. Lowell Thomas, P.O. Box 15026, Fresno, CA 93702. (209) 227-1605

FOR SALE: Zenith 6-B-129 - \$150. Radiola 16 - \$75. Radiola 18 - \$60. Crosley Trirdyn Super Regular - \$70. Spartan AC-62 - \$125. Freshman Masterpiece - \$70. Philco 37-610 Tombstone - \$95. Crosley 516 tombstone - \$75. Philco 610 Deco table - \$60. Zenith 8-S-463 console - \$150. Grunow 470 tombstone - \$70. GE J-125-A console - \$100. Philco 80 Junior cathedral - \$95. Atwater Kent L Horn, no base - \$25. Reichmann horn, no base - \$25. Fairbanks Morse 72 wood table model - \$90. Day-Fan 5091 console - \$125. Philco 600 - \$40. Zenith 6-D-525 - \$60. Sentinel 32B tombstone - \$40. Zenith 10-S-464 console - \$125. Most sets are in good working condition. Gary Watkins, 8006 Greenwald, Belton, MO 64012. (816) 322-0773, after 6 pm

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FOR SALE: Atwater Kents: Model 20 Big Box - \$150, Model 30 - \$85, Model 70 chassis - \$100. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Clarostat RPC-5A, dual ganged 500k ohms potentiometers. Jun Mizuno, 933 Portswood Cir., San Jose, CA 95120. (408) 268-4016

WANTED: Chassis and speaker for RCA 810K, 810K1, 810T; any condition. Itsuo Yano, 80 Lehua St., Kahului, HI 96732

FOR SALE: Univeral Shirt Pocket, gleaming black, brilliant gold grille 6 transistor, Japanese separate, crys. set, combination, 110/9 volt power pack, battery charger, works, as new, instructions, in original presentation box - \$45. Casio Shirt Pocket TV #Tv-21, all channels, earphones, ultra thin screen 1 3/4 x 1 1/4", powered by 2 AA batteries, excellent, works - \$45. All plus UPS. Clarence Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

FOR SALE: QST, Ham Radio, CQ, 73 mags - \$5 yr. + UPS. SASE for wants. Steve Sholand, W9RLP, 6152 Murray Rd., Whitehall, MI 49461. (616) 894-8369

WANTED: Copy of instruction sheet for Sterling R-403 vacuum tube reactivator. Can be Xerox or typed copy. Mickey Deems, 13114 Weddington St., Van Nuys, CA 91401. (818) 763-1055

WANTED: Aeriola Jr., early Regency TR-1, Colonial Globe external hardware. Will attend Sept. A.W.A. Carl Baxter, 1133 South Clinton Ave., Rochester, NY 14620. (716) 473-5322

FOR SALE: 1939 Philco Model TH-3, white Bakelite - \$35. Philco Transitone Model B570, red with black knobs, curved bottom - \$30. 1946 Silvertone Model 6002, midget metal, needs paint - \$50. 1948 Orthosonic Model 3000, metal, not playing - \$20. 1949 Airline Model KR-1520B, midget metal, ivory - \$60. (2) 1947 Arvin Model 442, midget metal - \$65 and \$70. 1946 Arvin Model 444, midget metal - \$50. (2) 1950 Silver-tone Model #1, small metal sets - \$65 and \$75. 1953 Arvin Model 2002, small metal - \$70. 1937 General Electric Model E-52, BQ/SW, nice set - \$40. TV-7U tube tester - \$75. All items plus UPS. George Jones, 1943 Palm Dr., Fernandina Beach, FL 32034. (904) 261-6533

FOR SALE: First offering. DuMont (similar to RA 346 pictured in Second Edition of Antique Radios) w/cross hatch grille, BC, AC/DC, table, excellent condition - \$95 + shipping. Emerson collectors special, 10 different Baby Boomers, all plastic table models, look and play like new - \$55 ea. + shipping. Over 30 pre-WWII radios, Atwater Kent to Zenith + early shipboard very low freq. receiver complete w/power supply - BO. Wendell E. Hall, 3 Mockingbird Cir., Jeffersonville, IN 47130. (812) 282-9709.

FOR SALE: Sparton 930 Equasonne console, excellent original condition, works well, deliver to Rochester-AWA - \$200/offer. Paul Ernst, 238 Meadow Ln., Webster, NY 14580. (716) 787-9879

WANTED: Eveready #2 speaker. Eveready radios. Flashlights & catalogs. Subscribe to Flashlight Newsletter - \$12/year. Bill Utley, PO Box 1425, Tustin, CA 92680. (714) 730-1252

HELP: Need schematic for Pioneer SX-1010 receiver. David Oliver, 9561 W. 104th Dr., Westminster, CO 80021-3829. (303) 438-1430

WANTED: Zenith Trans-O R-7000 1 or 2 in excellent condition, but will consider less. Phil Marie, 197 Main St., Niantic, CT 06357. (203) 739-9686

WANTED: Basket case crystal sets, complete or incomplete, such as Little Gem, Martian Big 4 or other commercial crystal sets. Will pay cash. Condition not important. Also looking for a complete Atwater Kent Model 5 breadboard. Will be at Rochester AWA meet in September. Call me at home or in Rochester. All contacts confidential. Thanks. Erich Brueschke, 319 N. Lincoln St., Hinsdale, IL 60521. (708) 325-9259



FOR SALE/TRADE: Atwater Kent breadboard, Model 4066. Trade on AK Model 9 (preferred) or cash. A. R. Nolf, 539 Kastelic Pl., Burlington, Ontario, Canada L7N 3S9. (416) 333-4557

WANTED: Schematic for Truetone Junior Stock No. 909 Series C. Hank Courseille, 4922 Reynolds Rd., Torrance, CA 90505. (310) 540-0955

FOR SALE: Mitchell Lullaby, nice ivory - \$59. C. William Johnson, 34 Springlake Pl., NW, Atlanta, GA 30318. (404) 355-6308

FOR SALE/TRADE: Catalin; Emerson AX235, red - BO; Sentinel 284, red - \$1,900; Garod 6 AUI, red - \$1,600; Fada 1000 r/y, - \$900 OBO; others, send SASE. Lairy Wilcox, PO Box 7658, Berkeley, CA 94707

WANTED: Restoring National RAS. Need plug-in coils one thru seven and storage panel. Give price first letter. William H. Robertson, W4NZP, 3552 Clarke Rd., Memphis, TN 38115

FOR SALE: Stock certificates: Collins - \$20; Emerson Phonograph Co. 1915 - \$50; Orpheum Theaters 1920 - \$25; Admiral, Sentinel, ATT, Western Union, IRC, Tung-Sol, Philips NV, Jefferson Travis - \$10 ea. ppd. J. J. Papowich, 53 Magnolia Ave., Pitman, NJ 08071 (609) 582-8279

FOR SALE: TS268E crystal rectifier tester/ohmmeter - \$29. Aged 535A tube for Boonton Q-meter - \$16.50. Glen Richie, W4JGO, 643 Diamond Rd., Salem, VA 24153. (703) 389-3356

FOR SALE: Automatic Radio 50th Anniversary (1970) cuff link, tie clasp set - \$25 includes shipping. Herb Parsons, 5 Surrey Ln., Peabody, MA 01960. (508) 535-1009

FOR SALE: Heathkit ET-3130 Experimenter - \$25. (40) new IC's, 14-40 pin - \$20. B&K Mod 500 tube tester, exc - \$40. (95) Sony Service pamphlets, mostly recorders - \$20. (3) Color TV Service Books - \$3. John Martin, 817 Cook Ave., Billings, MT 59101. (406) 252-4287

WANTED: Toshiba transistor radios with lace fronts. Any color, any condition. Marty Bunis, RR1, Box 36, Bradford, NH 03221. (603) 938-5051



FOR SALE: Satisfaction guaranteed on all items. 1934 American Bosch Model 420 - \$70. 1928 Radio Game, battery operated, excellent condition - \$100. Early transistor sets include: Westinghouse WR-226 - \$30; Admiral Y-2081 & 2411GP - \$35 ea.; Arvin 62R49 & 68R58 - \$20 ea.; GE P-2710, P-807H, P-802A, P-910D, P-845B, and one other model unknown - \$15 to \$35 ea.; Starlight Champion - \$35; Zephyr ZR-620, blue and white with box and papers - \$55; Universal PTR-62B, Japanese - \$25; Zenith Royal 73, 640, 675LG, & 755G - \$7.50 to \$37; Kowa 11 transistor, Japanese - \$35; Motorola 8X26S - \$18. Novelty sets: Puppy Dog, Rolls Royce, Solar Hat, Blabber Mouse, Cube, Pounc Puppy - \$10 to \$25. Other items include Zenith Trans Oceanic R7000 in super condition - \$275. Lester piano radio - \$200. Plus a good inventory of test equipment, literature and other radios. Please send a SASE or call after 7:30 pm Montana time. Neil O'Donnell, 1809 Sampson St., Butte, MT 59701. (406) 494-8162

WANTED: Philco chassis 41296 or 41-251 (they look the same), w/ or w/o tubes. Frank Nelson, 2033 N.E. 52nd Ave., Portland, OR 97213. (503) 287-6349

WANTED: National XCU-303 crystal calibrator and National NC-300C6A 6-meter converter. Vance E. Gildersleeve, K5CF, 206 Michelle Dr., Poteau, OK 74953. (918) 647-9044



FOR SALE: Repro. Catalin parts. Novelties, decals, supplies. Send stamp for catalog. JM Technical Arts, 30 Music Sq. W. #156, Nashville, TN 37203. (615) 244-6892

WANTED: Antique tube types: 300A/B; 50, 250, 350; 205 D, E, F; 252A; 350 B; 274 A, B. Ed Billecci, 2310 S.E. 113th, Portland, OR 97216. (503) 281-4734

FOR SALE: Zenith battery 4K016 - \$35 ppd. Schematics, need Model # - \$3.25 ppd. Phil Boydston, 102 Concorde Pl., Mandeville, LA 70448. (504) 845-0867

FOR SALE: Crosley Bandbox. Gembox. Two Crosley speakers. Globe battery set Model 830. Rogers and Myers speaker. Trimm speaker. Timmons battery supply with 01-A. Philco 20 cathedral. Silvertone 1935 tombstone. Murdock headphone. WLS headphone. Big unknown battery set. Crystal-controlled signal generator. (250) crystals. Booton RX meter. Johnson CB Models One, Two and Three. \$1 and stamp for photo. Bill Coolahan, 1450 Miami Dr., Cedar Rapids, IA 52402. (319) 393-8075

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WANTED: Jackson Model 648A tube tester alignment instructions, photocopies OK. Schematics for Bogen amp Challenger CHA33. IF can for 1st IF transformer (T1) of Silvertone Model 4565 radio. Dial/variable capacitor drive assembly for GE Model S-22. Junker chassis also considered. Thanks. Sylvain Gregoire, 1405 Cremazie, Laval, Quebec, Canada H7G 4E8. (514) 662-1962

FOR SALE: 20-year collection, up to 1,000 pieces. (500) novelty sets, (50+) transistor sets, (25) Catalins, (3) Catalin speakers, (2) mirror sets, (60) crystal sets, (8) beetle/urea sets, (17) microphones, (8) battery sets, (3) horns, (125+) plastic & Bakelite sets, large chrome-plated EMOR Globe floor model, Kennedy grandfather radio (TRF) with china cabinet, brown Colonial Globe, E.H. Scott Allwave 23 in Laureate Grande cabinet; many small pieces too numerous to mention. Sold as a collection only. Serious inquiries only. Bob Zelenack, PO Box 460642, Escondido, CA 92046. (619) 749-9652

FOR SALE: GE 254 portable cloth-covered fold-down front, works - \$35. Peter George, 20 Elkanah St., Chatham, MA 02633. (508) 945-5705

WANTED: 1937-38 Arvin catalogs; Arvin #1427 Phantom King knobs, junker set, and restoration information. Bruce W. Eddy, 2590 W. Needmore Hwy., Charlotte, MI 48813. (517) 543-3021

WANTED: Knobs for Addison A2A in pistachio green. Have brown set for trade. Mike Keller, 5861 Riverton Rd., Columbus, OH 43232. (614) 866-7725

FOR SALE: Eico Model #1030 regulated power supply, 6v-12v, 0 to 150v, 0 to 400v, very clean/serviced - \$79.95 plus shipping. Northwest Electronics, 2509 West 11th, Eugene, OR 97402. (503) 485-3016

FOR SALE: Tall case clock radios W/house M-WR8, 1KNØ, 9 tubes - \$275. Atlantic, no #s, @ 10, plays - \$275. Consoles: Amrad, no #s, 2 doors, 7 tubes on legs, outside @ 8, inside @ 10 - \$140. Chairside: Atlantic w/phono AM, mag. rack in base #4135 - \$60. GE, no #s, Deco table, 14 x 23 x 23 1/4 H, @ 9 - \$85. Majestic Mod 5BC5A w/phono AM on legs - \$15. Breadbox: Apex M89, @ 7 - \$45; Silvertone, no #s, 8 tubes, 4 gang tuner. @ 9 - \$50. Tombstones: RCA T6-9, A/O, @ 9 - \$135. Am. Bosch M-150 (T15-F2), @ 10 - \$100. Silvertone M-R1181, 3 bands, plays, @ 10 - \$140. Freshman Masterpiece, no tubes, @ 9 - \$110. Am. Bosch Mod 28 w/8 tubes, @ 9 - \$140. Jewel M-5030 AM Bake. w/light, @ 10 - \$45. Howard M906 wood A/O - \$45. Philco M-1206 r/phono, (3) for - \$90. Teletone M109, @ 10, brn. Bake. - \$25. Spkrs: Wirt, @ 9, rd. metal. @ 9 - \$65. Newcombe Hawley wood M-83, @ 10 - \$65. Item black porcelain 3-plug adaptor to light socket, 1925 - \$15. Books: Hawkins Electrical Guide Vols. 1 to 10, @ 9 - \$45. RCA Radiotron Manual R10, 83 pp. - \$25. Dictionary of Electronics, Handel, HB, 1971 - \$10. Electronics Physics, Blakeston Co., 1943 HB - \$25. Transistor Circuit Handbook, Barner, HB, 1956 - \$25. Centralab Volume Control Guide, 1927 to 1931, printed 11-32 - \$25. Plus pkg & shpg. Bernard Samek, 53 Old Palmer Rd., Palmer, MA 01069. (413) 245-7174

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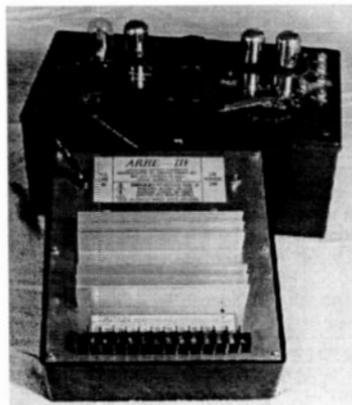
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FOR SALE: Emerson 747 subminiature tube radio, small chip, otherwise excellent, with case and instructions - \$85. Also several transistor radios under \$50. Suzanne Wyatt, Box 83, Dearborn, MO 64439. (816) 992-8811

FOR SALE: 1959 Shell Electronic Mfg. Corp. tube tester, 18 sockets excellent condition - \$65/shipping. Paul Gonsowski, 106 N. Ferry St., Schenectady, NY 12305-1611. (518) 393-6421

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FOR TRADE: Zenith Royal 500H, black, mint. **WANTED:** Regency's, any condition; other early pocket transistors. David Mednick, 1450 Palisade Ave., Apt. #5-H, Fort Lee, NJ 07024. (201) 461-3082

FOR SALE/TRADE: Elac Miracord 630 turntable. RME preselector. Superior 82A rapid tube tester. Tube caddy Motorola. Transmit tubes, some N.OS. 803, 805, 807, 809, 813, 829B, 832, 833, 837, 211VT4C, 465A, 100TH. Collect oddball tubes and ARRL/Radio handbooks, tube manuals, parts catalogs before 1955. Joe Monego, W2OFB/4, Route 1, Box 299, Keysville, VA 23947. (804) 736-9969

FOR SALE: 20% off, OBO, previous A.R.C. June, July bound magazines, medical books. Trades welcome. **WANTED:** Old meters/galvos before 1910, as is okay. Ye Olde Meter Cellar, Leonard W. Cartwright, 113 Sea Terrace Way, Aptos, CA 95003. (408) 662-2977

FOR SALE: Rare one-of-a-kind McMurdo Silver Masterpiece VI custom built for Edmund Gram (anyone know him?). All chrome including dust cover and power supply; 20 tubes, 5 band receiver, 150Kc to 70Mc plus PA system and phono. 18" speaker custom built to McMurdo Silver by Jensen. Speaker and base weight 45 lbs. alone. Very best offer by Oct. 1st, plus UPS. John Snow, W9MHS, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194

FOR SALE: Are you on our catalog mailing list? We specialize in used books on radio, electricity and related subjects. Call or write for our list of lists. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

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WANTED: Will pay top dollar for General Electric E-71 tombstone. Harold Grissom, 5013, 4 Avenue, Meridian, MS 39305

HELP: Need bandswitch lever for a Stromberg-Carlson Model 61-Z or 58-T. Steve Pazar, 4950 Deerwood Dr., Santa Rosa, CA 95403. (707) 544-8142

FOR SALE: 3-tube Knight Ocean Hopper, 6 plug-in coils, plays, a speaker - \$45 plus shipping. Ken Flockhart, 425 So. 18th St., Fort Dodge, IA 50501. (515) 573-5477

WANTED: Looking for a Zenith N512 plastic set. Must have good case. Dwight Baker, 4137 E. 24th St., Des Moines, IA 50317. (515) 263-0278

WANTED: Zenith portable, Model #6G004Y Global. Band selector to fit Zenith Trans-Oceanic Model Royal 3000-1, plastic handle for Zenith Trans-Oceanic Model Royal 1000. Original black leatherette to recover Zenith Trans-Oceanic cases. Frank Manzano, 82 Monhegan Ave., Oakland, NJ 07436. (201) 337-5263

FOR SALE: Cathedrals for serious collectors: Philco 90 - \$475, Majestic 50 with table stand - \$450, Sparton Junior - \$435; all beautiful condition. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Collins 390 or 390A, must be in excellent condition. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

FOR SALE: Books: The Radio Boys on the Mexican Border - \$12, The Radio Boys With the Iceberg Patrol - \$14, Principles of Radio Communication by Morecroft (1927) - \$12, Radio Engineering Principles by Lauer and Brown (1920) - \$14. All plus h/s. Don Nichols, RFD 2, Box 3695, Oxford, ME 04270. (207) 539-4823

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FOR SALE: Fada L-56, marbled blue with white trim, beautiful condition - \$6,000. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE/TRADE: Mixed brand of radios and advertising items, listed alphabetically: Admiral factory service sign/decal 6 x 9; Atwater Kent new 1920's uncut Jolly Jumper promotional; Belmont 6D111, needs work; Detrola, wood, mid-'30's tombstone, needs veneer work on top; Detrola, wood, with mottled plastic grille, late '30's; Freshman Masterpiece, wood TT, late '30's by Belmont, Model 637, photofinish front, AM/SW, 6 push buttons; Philco cathedrals, Models 60B, 52, 89B; Philco early '20's diamond grid battery sign, double-sided, 18 x 13, yellow & black metal; Philco 49-901, single bar station changer radio, (F.O.S., p. 140); Stewart-Warner Porto-Bar, case only, new with handles; Sylvania radio/intercom Model 1102, red, (Bunis II, p. 182), both units, with original instructions; Zenith 6D315U wavemagnet (Collins I, p. 38). Prefer to trade for: prewar Zenith radios, parts, literature, tubes, advertising, etc.; Red Hoppy, chassis for Stromberg-Carlson 249-R, RCA 66X Catalin, base for Bendix 526C Catalin, Fada 845. If calling, please 8 pm-11:59. Rochester delivery may be possible. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (313) 421-2076

WANTED: Philco 37-116-122, working or easily restorable. Dick Friedman, 1502 Elmwood, Wilmette, IL 60091. O: (708) 803-3050; H: (708) 256-1432

FOR SALE: McMurdo Silver Masterpiece VI, excellent condition in beautiful Norwich cabinet, 18" speaker - Offer. Ray Miner, 1215 B, Ft. Madison, IA 52627. (319) 372-1271

FOR SALE: Sentinel 284 Catalin, red with yellow trim, missing one knob, hairline in case above grille. May take partial Catalin trade. Please call before 9 pm Eastern. Thanks. Brad Jones, 4107 Crabapple Ln., Greensboro, NC 27405. (919) 375-6340

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FOR SALE: Emerson 508 black/chrome (Boom Vol. 2, p. 153) - \$45. Jewel 940, pink (Bunis 2, p. 101) - \$45. Air Castle Deco w/handle - \$25. RCA 8X542 (Bunis 2, p. 149) - \$30. Sylvania 1104, black/gold (Boom, Vol. 6, p. 22) - \$25. Arvin 955T, light green, (Boom, Vol. 1, bottom p. 202) - \$45. Motorola 5X13U black (Collins II, p. 85) - \$55. Sylvania 510B, ivory (Boom, Vol. 6, p. 16) - \$30. Motorola 79XM, green (Boom, Vol. 4, p. 25) - \$30. **WANTED:** Collins Redux, pages 52, 85 (ivory), 96, 99 (colors), 101. Trades welcome. Don Moody, 1600-M Glenwood Ave., Raleigh, NC 27608. (919) 821-3530

FOR TRADE: ElSCO Spacephone walkie-talkie kit, assembled, w/box, instructions, schematic. Arrow cathedral, N.I.B. Sun glasses radio w/pouch. Schlitz beer can radio. Slide rules. All in excellent condition. Trade for early non-novelty transistors in excellent condition. Larry Gilbert, 2602 Amapola Dr., Davis, CA 95616. (916) 758-5025

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FOR SALE: Working Atwater Kent 60C chassis with tubes and speaker - \$85 plus UPS. Cecil L. McLaggan, Jr., 2005 Pearl Ave., Albany, GA 31707. (912) 436-8396

WANTED: Bandswitch for RCA 3 band radio Model 128 or 224, 226, 322. Will buy complete junker chassis with good bandswitch. I also need one small gold function knob and factory wood cabinet for McIntosh MR-55 AM-FM tuner. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

FOR SALE: HP, Motorola, Triplett, Simpson, Sencore, Transmation, General Radio test equipment. SASE for listing. J.R. Downs, 216 Hartwell Dr., Aiken, SC 29803

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FOR SALE: Kennedy Coronet 1930 cathedral style radio, excellent - \$450. Herald horn speaker - \$475. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

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WANTED: TV's, Philco Safari, Sony 8-301, Sylvania Duaelette, JVC Videosphere and Pyramid, 1940's-1950's tabletops, Panasonic Flying Saucer TV. Lee White, 25 Hawthorne Ln., Weston, MA 02193. (617) 235-5236

FOR SALE: 1946 Farnsworth ET-065 - \$50. Truetone, 1948, marbled gray and black, nice radio - \$35. **WANTED:** RCA 5X5, chassis for Fada 252 Louis Marchesani, 1020 Belfield Ave., Drexel Hill, PA 19026. (215) 449-9387

FOR SALE: Radio station transmitting tubes, N.I.B./used, in mint condition; call or write for available numbers and unbelievable prices. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Crosley 2-tube AC Sampler radio with metal cabinet and cardboard front which is actually the speaker of the radio!; Zenith 777 12-tube chassis; Sparton Model 5 cathedral radio which has metal wood-grained cabinet with wooden base; Industrial Radio Service Baby Ultra battery set, circa 1922, uses either 4 or 6 Meyers tubes (V.R., p. 121 top). **FOR SALE:** Original EH Scott literature. Send SASE for complete listing. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

FOR SALE: Emerson 888 red front only - \$23. Univeral PTR-62B, black, plays lightly - \$30. White, side scoops, plays loudly - \$25. RCA 8-BT-8JE parts - \$8. Seeburg 146M, nice - \$2,350. Call Del in N. D. Del Tysdal, 812 Broadway, #4, Fargo, ND 58102. (701) 293-9328

FOR SALE: Transformer 12V, 4A, reduce line voltage, (A.R.C. August, p. 20) - \$7 new. Thank you very much. Jim Gaudin, 134 Hawthorne Dr., Danville, VA 24541. (804) 791-2286

FOR SALE: Philco 70 cathedral, beautifully refinished - \$325. Philco 20 cathedral, needs refinishing - \$175. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: GE Catalin butterscotch/maroon; Fada 845, tortoise; excellent condition. Mike Sullivan, 212 Beechwood Ln., Coppell, TX 75019. (214) 393-5084

WANTED: Zenith Model 17 schematic, tuning knob, speaker, dial belt, flywheel, legs, any literature. Steve Melvin, 334 Deep Brook Harbor, Suffield, CT 06078. (203) 668-8221

WANTED: I-home brew tube-type amps, other tube-type amps, preamps, tuners, any condition. Allied catalogs 1950 to 1958. 807 5691 & 5692 tubes. Manual for Heath W-1 amp. **FOR SALE:** Fisher FM-1000 cabinet, excel. - \$85. Rick Graves, 4500 Ninth NE, #300, Seattle, WA 98105-4762. (206) 632-9929, fax (206) 633-6038

FOR SALE: Used tubes: 6L6GB's - \$3 ea., 5UGB's - \$2 ea., 12AX7's - \$1 ea., 7868's - \$5 ea. Dan Wroblewski, 415 41st Ave. NW, Rochester, MN 55901. (507) 282-9601

WANTED: QST's before 1923 to complete my collection. Edward J. White, WA3BZT, 809 Seymour Rd., Bear, DE 19701-1121. (302) 322-1313

WANTED: Rider's Radio Manuals #12, 16, 17, 18, 19, 20, 21, 22, 23. Also need index for 16-23. Must be complete in good condition. John Estock, 3325 Alvarado NE, Albuquerque, NM 87110. (505) 345-0622

FOR SALE: Rider's Radio manuals #3 thru #17 - \$235 plus UPS. Original Zenith manuals. Radio from 1931 to late 60's. TV from 1948 to late '60's. Includes schematics, parts info, price lists, record changer info and more - \$150 plus UPS. About 250 Sams below 1000, in 4 drawer file - \$150. Bill Gebhardt, PO Box E, Liverpool, PA 17045. (717) 444-3403

FOR TRADE: (10) crystal set circuits for (10) 1920's 1-tube radio circuits with component descriptive data. Ms. Jean Marcella, PO Box 3115, Laguna Hills, CA 92653

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FOR SALE: Military tubes VT4C and commercial tubes 211 N.I.B. - \$25. Used tested filaments - \$18.50. Elmer W. Schurman, 16424 N.E. 239 Ave., Brush Prairie, WA 98606. (206) 892-7230

FOR SALE: Transistors: Arvin Model 60R69 w/case; Philco Model T-67. Tabletop wood Motorola HS-32; white plastic Sylvania 519; GE 518-F white plastic; GE 10A brown plastic; tape recorder Wollensak T-1515; Army multichannel receiver R-278; Jeep radio PP112-GR; Navy navigation device, many odd test units, teletype boxes. For list and photos, send large SASE and a buck to help offset Xerox costs to: John Strattan, 701 Waterson Trl., Middletown, KY 40243-185

WANTED: Raytheon RK6248, WWII radar equip. **FOR SALE:** Sams misc. TV TSM, TR, CB. J. Krajovic, 546 Sheridan, Pittsburgh, PA 15206

FOR SALE: Working ca. 1914 spark transmitter - \$1,000. Color photo - \$1 SASE. Robert Larson, 1325 Ridgeway, Medford, OR 97504

FOR SALE: HQ 180A receiver - \$100 + UPS. Early electronic organ service manuals, parts - LSASE. C.F. Hooper, 1629 Keystone Ct., Clearwater, FL 34616

FOR SALE/TRADE: Consoles, rare Federal desk type battery set big! - \$575. Westinghouse WR-6, 1931, plays good - \$225. Victor R-32, 1931, plays good - \$175. American Bosch 58, 1931 - \$160. Philco 655, wrong speaker - \$95. AK 43 in Red Lion cabinet, restored, plays good - \$150. For communications gear. Pete Grave, PO Box 175, Ottsville, PA 18942-0175. (215) 847-2214

FOR SALE: Perfect Bendix 526, green and black Catalin - \$550. Ted Chronister, 27 No. Cameron St., Harrisburg, PA 17101. (717) 766-6436

WANTED: The radio chassis for a RCA His Master's Voice console. Unfortunately no model no. Has sloping dial, sliding pointer, approx. dim of console: H90.0 x L57.5 x D37.5 cm., two holes for knobs on sides of the dial and one on right side of console. One more hole above dial for tuning eye. Has a pick-up "Grawor[?]" on top. Can anyone help identify this console radio? Argirios L. Adamidis, 19 Kampouridi St., Panorama, Thessaloniki, Greece 552 36

FOR SALE: 1926 tube radio, battery operated X brand. Complete with 2-UX99, 1-UX120, variocoupler, 1 large 1 small variable capacitor, 2 interstage transformers, 4 WW rheostats. Front panel broken (we supply new panel). Also DX list posted inside cover dated 3/27/26. \$150 plus S&H. (Parts listed value over \$200). Photo available. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

FOR SALE: Transistor radio that looks like a cathedral radio, JVC Model JR-120. Victrola needle tins, (5).

WANTED: Crank phonograph parts, horns, machines; any condition. Dave Faehnrich, 8215 Stone Rd., Independence, OH 44131. (216) 447-0837

FOR SALE: Large 70-page glossy color promotion manual on first RCA color television - \$15. Sam Heven-er, W8KBF, The Signal Corps, 3583 Everett Rd., Richfield, OH 44286. (216) 659-3244

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FOR TRADE: Abbottwares horse radio, Crosley 52, Garod 6AU1 Catalin, Paragon IV, Paragon VT control, Pepsi bottle radio, Radiola 103 tapestry speaker, Radiola III with tubes, Western Electric 4B, Westinghouse RC. **WANTED:** AK breadboards and AK parts. Jim Peters, 983 Chapel Ct. S, Glen Ellyn, IL 60137 (708) 790-9699

FOR SALE: Good chassis for GE E76 console, w/ speaker, knobs, works fine - \$35 plus shipping. Robert Rathbone, RR #1, Box 127, Ossipee, NH 03864. (603) 539-2762

WANTED: Audiola 627 cabinet, will buy junker with restorable cabinet. I am also looking for Van Horne tubes, literature, etc. William Michael, 850 N. Main St., Franklin, OH 45005. (513) 746-1910

FOR SALE: WE vacuum tubes, N.O.S., original boxes, 300-350 (civilian WE + military WE), 274-275 etc. All tubes tested. Also WE 124B amps, good condition. Send per item offer. T. Harrison, 1096 Devils Backbone Rd., Cincinnati, OH 45233

FOR SALE: Telegraph keys. J.E. Albright 253 Broadway, N.Y. Serial 999, W.U.T. Co. 3 1/2" x 6" on 1/2", black metal base, fine - \$95. Liberty Elect. Corp. sounder and oval key on Bakelite base 4" x 10", fine - \$95. Western Elect. oval key on wood base, 2 1/4" x 3 1/2" wood base fine - \$45. Crosley 56-TXL ivory, ex-nice plastic, plays - \$60. Crosley 11-AB, brown with tan plastic, excellent, plays - \$60. Fada P80 small brown plastic portable, nice, plays - \$75. Motorola 52M 2U small metal portable, uses 1R5-1U4-1U5-3S4 bat. etc., in original gift carrying box - \$50. Edison Mabry, I Collect Best in Radios, 715 W. Longview Ave., Mansfield, OH 44906. (419) 526-1175

FOR SALE/TRADE: Speakers: Radiola 100, nice - \$60. AK E - \$45. Crosley Type E Musicone - \$45. Pete Grave, PO Box 175, Ottsville, PA 18942-0175. (215) 847-2214

FOR SALE: Rare Emerson 517 Moderne green with black marbling, mint condition - \$275. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Philco mystery control - \$30. Emerson.. 560 AC/DC/battery, missing knob - \$8. SX-25 Hallcrafters, Super Defiant - \$75. Electric Corporation of America AC/DC wood table, '50's - \$20. Automatic, table, wood, BC, SW with sliding tambour door across speaker grille - \$65. Transistors: Silvertone 2208, black - \$25. Sanyo RP 1250, ivory - \$10. Panasonic RF 680 w/case and earphone - \$20. Zenith Royal 750 - \$15. C-M 6469 AM/marine, leather case - \$15. Test equipment: Century Testivator for old B&W CRT's - \$5. Anchor Reato-tester Model T-400 CRT tester, nice red cabinet w/lid - \$20. Precision VTVM, EV-10A - \$30. Lafayette TE-15 tube tester w/book - \$20. Old GE AC/DC voltmeter Type P3. dated 1924 in wood box - \$45. Classic Radio and Television, R 1, Box 393, Solon, ME 04979. (207) 643-2799

WANTED: Copies of pages 7 & 8; 101 & 102 from Gernsback's 1935 Short Wave Radio Manual. Richard Gray, 9181 Chesapeake Dr., San Diego, CA 92123. (619) 560-462

WANTED: For Canadian Phonola, Model 8AB62P, one walnut wooden bonnet knob. Diameter 1 5/16". Ernest D.M. Yeaw, RR 3, Tatamagouche, Nova Scotia, Canada B0K 1V0 (902) 657-2554

FOR SALE: DuMont 208B oscillograph, Precision Apparatus 912 tube tester, Hickock 202B electronic VOM, 610A signal generator, Heath kit SG-8 signal generator, T3 signal tracer, V4A VTVM, RD1 resistor decade, Knight 600A tube tester - \$25 ea. Jim Ford, NM1F, 194 Rocky Hill Rd., Plymouth, MA 02360. (508) 747-2224



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WANTED: Tapes of old radio shows 77 WABC, WMCA, 10110 WINS, WFIL, WIBG, CKLW, WLS, WKBW, Philco Butterfly, Emerson 520. Will trade or pay reasonable price. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

FOR SALE: RF generators: Heath IG-102 - \$30; Eico 324 - \$25; Measurements 803, 25-520MHz FM, commercial bands - \$135. Global specialties function generator, 1Hz-100kHz sine, square, triangle wave, sweep, more - \$75. Boonton 91CA RF millivoltmeter - \$99 with probe, manual. Fluke 883AB differential voltmeter, as-is - \$20. Eico 1171K Decade resistor, N.I.B., unassembled - \$25. More, list - SASE. E. Kirk Ellis, KK4YP, 203 Edgebrook Dr., Pikeville, NC 27863. (919) 242-6000, evenings

FOR SALE: Official Boy Scout twin signal sets, #1098, 1948-1950 in original box, 2 keys, wire, instruction sheet - \$50, 1 ship U.S.A. Several ARRL Handbooks, LSASE for list. Bob Schafer, WA7IHN, PO Box 442 Aumsville, OR 97325. (503) 749-1149

WANTED: Power supply for Atwater Kent Model 44. Model 40 will work also. Don Konecny, 7520 Applewood Ln., Sebastopol, CA 95472. (707) 829-0371

WANTED: Any Myers items. AK, PS 36 w/terminal block. **FOR SALE:** General Radio wavemeter 224, mint. National 15 to 620Kc. Very good Kolster 8C. Remote Predicta. Welch #2692 galvanometer-volt-ammeter-with 4 shunts & 4 resistors, mint. Sams Radio 30-190, lot only. Westinghouse WR8-R, complete, needs refinishing. Fisher set 80, 80C, 80AZ. Capehart 111K2 replaced changer, red label speakers. All available Rochester. John A. Myers, Wilson, NY 14172-0098. (716) 751-6053, evenings. Fax (716) 751-6236

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FOR SALE: Entire collection of Emerson 517 Mod-erne's (see Collins Redux, p. 68), in red, green, white, marble and two plain blacks and one white totaling six sets - \$850 for all. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: Radio Boys: Breckenridge, On Secret Service Duty, On the Mexican Border; Chapman, At Ocean Point, Trailing a Voice, At Mountain Pass, First Wireless; no jackets, good condition - \$14 ea. 1937 Philco Parts Catalog, copy - \$12. Triplett 3212 tube tester, works - \$45. **WANTED:** Socket for 833A. All sales final. Thank you. Edward Krawczyk, 64 Old Chimney Rd., Up Saddle River, NJ 07458. (201) 825-3828

WANTED: Still looking for good working chassis for: Crosley 517 Fiver, Emerson 511, Airline 84-HA-1810, Zenith 5S339. Still looking for unique Bakelite, Lucite, or Catalin clocks. Thanks to all who answered our last ad! Will buy junker sets for chassis, and trade. I'm looking for a Hallicrafters SX-299, and a mint Crosley 56TD. Working chassis for Philco 37-34. Need good case for Hitachi Mod TH-666. **FOR SALE/TRADE:** Remler Mod 51 Skipper. I have a mint cabinet for Atwater Kent Mod 540, a small Deco table set. A Philco Predicta in mint condition - best offer over \$500. Write for photos, or call. Terry or Marilou Kelly, Magic Eye Radio, 1136 Winding Ridge Rd., Santa Rosa, CA 95409. (707) 527-7457

FOR SALE: Hundreds of antique and collectible radios and televisions including recent finds from Arkansas and Elgin. For list, send two-stamp LSASE to: John Enigl, K9HJL, 5425 Cherry Ln., Egg Harbor, WI 54209. (414) 743-3672

FOR SALE: Lots of Rider manuals - call for availability. Fada 799 10" TV - \$150. Philco ? control for Model CR-8 or 12, N.O.S. - \$25. Bendix green Catalin right corner piece, N.O.S. - \$25. Stancor Ex(?) replacement transformers: P-1470 for Stewart-Warner 901, 902, 903, 95100, 957, P-757 for Majestic 91, 92 or 101; P-937 for Majestic 90, 91, 93, 102 or 103 - \$45 ea. Admiral 1938 Sales Brochure - \$10. 1936 Radelek Catalog - \$10. 1939 Allied catalog - \$15. 1923 QST November & December - \$17 ea. Norelco 5 octagonal 32-ohm speaker, made in Holland - \$495. Ceramic octal retainer ring sockets - \$1.50 ea., \$50/50. Prices do not include shipping. Vintage TV-Radio, 3498 W. 105 St. Cleveland, OH 44111. (216) 671-6712

WANTED: German WWII souvenirs. M. L. Harrington, PO Box 7619, Little Rock, AR 72217

FOR SALE: Transistor radios: Zenith Royal 500H, Elcort Brand with alarm clock, Magnavox AM-811, others. Art Collatz, N7818 Barker Lake Rd., Winter, WI 54896

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FOR SALE: Zeniths: 7-tube Walton chassis with shutter dial - \$175, Zenith 5R216 cube - \$100, Zenith Model 6-D-525 - \$100, Zenith 6-S511 - \$50. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE/TRADE: For communications gear: Grundig 1041, plays good - \$75, AK 84 cathedral, restored, beautiful - \$475; Scott 800B, no speaker - \$165; Hallicrafters S-40B - \$55; S20R - \$55. Pete Grave, PO Box 175, Ottsville, PA 18942-0175. (215) 847-2214

WANTED: Emerson BD-197 Mae West, any condition. Philco 45, good condition. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (215) 367-0861

WANTED: Schematic diagram for an RCA radio telephone Model ET-8037 2-3.5Mc, also ARRL Hints & Kinks from the 1940's thru the 1960's. Wayne LeTourneau, Box 62, Wannaska, MN 56761

FOR SALE: Lenkunt 612A test set - \$10. James Millen 459 scope - \$15. General Radio 546-C Audio Microvoltage - \$25. Jewell 199 radio set analyzer - \$75. Measurements Corp. 79-B pulse generator - \$10. Measurements Corp. 71 square wave generator - \$15. Measurements Corp. 58 UHF noise and field strength - \$10. H.P. 3550 test set - \$100. H.P. 410A HF VTVM - \$25. Sprague KT-1 capacitor Kwick-Test - \$25. DuMont 224-A scope - \$30. Heath AV-2 VTVM - \$18. Weston 785 VOM - \$40. Supreme 189 signal generator - \$25. Weston 694 osc. - \$40. RCA 709B HF sweep generator - \$25. Federal 804 UHF signal generator - \$30. Weston TS-352/U multimeter #972 - \$30. LO-2 BFO - \$15. Weston TS-375/U VTVM - \$30. TS-186D/UP radar freq. meter - \$15. TS-175/U VHF/UHF freq. meter - \$25. BC 906-C freq. meter - \$25. TS-69AP freq. meter - \$25. TS8A/U scope calibrator - \$20. OAP-1 radar test equip. - \$20 All plus UPS. Some manuals available for small extra charge. Rich Schneider, 1812 Fox Springs Cir., Thousand Oaks, CA 9132C. (805) 498-1830



WANTED: Stewart-Warner F-9001 chairside; Philco PT-89 camera-type radio; RCA 8-X-682; RCA 2-R-51 portable. John Okolowicz, 624 Cedar Hill Rd., Ambler, PA 19002. (215) 542-1597

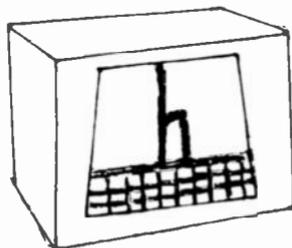
FOR SALE: Fada #1000 maroon/yellow - \$675. Small Addison black/yellow - \$1,250. GE #L570 yellow/maroon - \$950. All exc cond. Anthony Scarfogliero, 13 Fourth St., Brooklyn, NY 11231. (718) 858-1231

WANTED: Fada L56 yellow, grille damage OK. Peter Jaber, 281 McDowell, Asheville, NC 28803. (704) 299-9858

FOR SALE: Rider's manuals 7 thru 16 - \$12 ea. Sonata Trela RC100 78 rpm automatic record changer with Astatic L70 cartridge - \$10. Atlas HR-3 horn tweeters - \$3. Sylvania tube caddy - \$20. James Homan, 401 Valley Dr., Valley Springs, SD 57068. (605) 757-6424

FOR SALE: Many types of radio, TV, and industrial tubes. DH Distributors, PO Box 48623, Wichita, KS 67201. (316) 684-0050

FOR SALE: Marelli pink mirror glass 1937, Philco People's radio A527, matching Philco heater, Stewart-Warner book radio, CC1932; Marconi V2; also V3 in red Chinese lacquer cab.; Gnome Midget; WWI British 2-tube trench set; German WWII airborne radios. **WANTED:** WWI radios. Jim Taylor, G4ERU, No. 5 Luther Rd., Bournemouth, BH9 1LP, England. 0202-510400



WANTED: Hallicrafters R-46 speaker with 500Ω input for use with a SX-62 receiver. Doug Burskey, 732 Pulver-List Rd., Mansfield, OH 44905. (419) 522-5669

FOR SALE: Resistors, body end-dot type, all with long leads. Send your want list to: PR Novelty, PO Box 140, Milwaukee, WI 53201

FOR SALE: 1948 Emor radic, sphere-like radio, adjustable stand - \$950. Joe Matuska, 2523 Sunset Blvd., Steubenville, OH 43952. (614) 264-7806

FOR SALE: Tube tester TV2U, see p. 91 July '93 A.R.C., excellent condition - \$145. John White, 1920 S. First St., -1404, Minneapolis, MN 55454. (612) 333-5719

WANTED: Western Electric tubes, parts and Data-sheet: 101, 102, 104, 205, 211, 212, 216, 242, 252, 262, 271, 274, 275, 276, 284, 300, 310, 339, 347, 348, 349, 350, 418A, 421, 422, V1, VT2, VT25A, VT52. Also Western Electric: amp, spkr, socket, xfmr, wire, Data-sheet. Others: RCA 50/250/350, VT62/801A, 845, European tubes. Will pay top \$\$\$ Jun Mizuno, 933 Portswood Cir., San Jose, CA 95120. (408) 268-4016

FOR SALE: Thinning out collection. Must sell! (100) assorted radio knobs - \$18. EMUD 196, vg/exc - \$50; same, g - \$30. Emerson 519 exc - \$50. Philco 41-230, exc - \$50. Zenith Trans-Oceanic H500, exc - \$95. Heathkit AM rec., vg - \$25. Silvertone 2004, vg/exc - \$30. Plus shipping. Send \$2 for photo price list radios/tubes. Bob Masterson, Box 172, Valley Cottage, NY 10989. (914) 353-3151

FOR SALE/TRADE: Rare Trophy Bowling Ball radio (Collins, p. 54), vg-/no cracks. Take best trade in Catalins or early American transistors or cash by November 10, 1993. Bruce Phillips, 127 Bunker Hill, Stratham, NH 03885. (603) 772-3796

WANTED: Complete chassis and dial escutcheon for RCA 810K1. A. J. Long, 11830 Heath Rd., Chesterland, OH 44026. (216) 729-8451

FOR SALE: Truetone DC-2415, Admiral Y-3783, Motorola CP2, Zenith L723 AM-FM, all play - \$7 ea. James S. Looney, Rt. 1, Box 54, Grundy, VA 24614. (703) 531-8677

FOR SALE: Zenith Models 228, 7S634R, 5R312, H725, 6S511, 8H034, 705, 6S128, H511, 6D2614, 6S527, 5678, R615, R721, B508R. Emerson Models: A156, R152, LW3441, DA287, L117, 587A, 535, AL132, 671, DM331, 533, CG268, 756, L-AC-5, 578A, 520, A130, 336, 823, 578A. Philco Models: 40-130, 42, 327, 48-482, 49-500, B570, B578, E-810-124, 52-540, 42-355, 41-250, 66, 46-200, 48-472, 49-506, 37-620, 51-930, 38-10. Frank D. Atwood, 117 E. Main St., Merrimac, MA 01860. Phone or fax (508) 374-1030

WANTED: Selectone coils as shown working or not. Please check your parts box. John T. Meredith, 1644 Parkside Cir., Niceville, FL 32578. (904) 897-7734



FOR SALE: Collins Radio: Collins Radio 50th and 60th Year Special commemorative items. HF-80 power supply. HF table cabinets. Two broadcast consoles for parts. S-Line Oiler with meatball logo. Small Collins parts holders. Collins ashtray. Collins winged logos. AC control panel with volt-amp meters. Collins 1932 portable transmitter. HF-80 3-ring binder. WWII Autotunes and manuals. 100Kc plug-in crystal. ART-13 calibration book. Bill Cootahan, 1450 Miami Dr., Cedar Rapids, IA 52402. (319) 393-8075

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9 am to 5 pm Eastern Time**

(Please no classified ads by phone. Thanks!)

FOR SALE: Crosley cathedral 148, vg, 1934 - \$175. Crosley tombstone 5M3, vg - \$100. Eria kit set, 3-tube reflexed with crystal detector, excellent H.B. cabinet - \$80 with tubes. Clapp-Eastham DD, 1923, 3-tube with different coil - \$140. N.I.B. Varian Klystron X12 tube with micrometer adjustment and papers - \$25. Sparton 626, wood, 6-tube BC/SW, plays great & looks good - \$40. Sonochorde cone speaker, working with new grille silk & refinished - \$30. All plus UPS. SASE for updated list. Wally Worth, 2 West Elm Ave., Wollaston, MA 02170. (617) 479-4512

WANTED: Roll chart for Hickok tube tester Model 6000A. John E. Kellar, 2202 Rockne Dr., South Bend, IN 46615. (219) 287-4310

FOR SALE: Hallicrafters SX25 with matching speaker - BO. Can deliver to AWA meet in Sept. John Martin, 111 Bancroft, Rochester, NY 14616. (716) 663-4182

FOR SALE: U.S. Army Signal Corps Model #TS27/TRM line fault detector mfg. 44 to 50, very good condition, all wood case - \$75.95 plus shipping. Northwest Electronics, 2509 West 11th, Eugene, OR 97402. (503) 485-3016

FOR SALE: Unique toy phono carnival model 111, red/gray plastic, batt. op., original box, original records, made in Connecticut, works but records are worn, vg cond, no cracks - \$55 ppd. Phil Brunais, 14185 Pleasanton Hwy., Bear Lake, MI 49614. (616) 864-3143

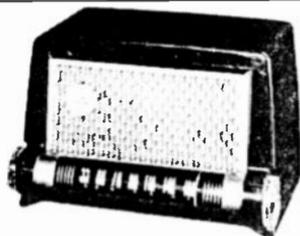
WANTED: Chassis: Philco 37-89, 42-340, 57. Radiola III, Regenoflex, balanced amplifier, Crosley 124, 1137, Majestic 195, 363, Westinghouse WR-14, AK 228, Motorola G54, RCA 46X13. Junkers considered, some cabinets for sale. Also wanted Rider's Radio Vols. 20 and 22, empty binder for Vol. I. Brian Kurrle, 208 Crafton Rd., Bel Air, MD 21014. (410) 838-6534

FOR SALE: Farnsworth/Capehart console Mod 111 M2FM with unusual record changer Mod 16-E - BO. Webster 80-1 wire recorder - \$30. Midwest chassis only - BO. Western Electric telephone - \$25. Vocatron wireless tube intercom, knob missing - \$10 for 2. DEAN wooden turntable, 3 speed - \$20. Tungar charger with bulb - \$7. GE AF-1 load meter with case, graph - \$20. Kolster electric phonograph reproducer Type 500 - \$10. Military N.O.S. H65/U headsets - \$15. RCA WR-514A sweep chanalyst - \$40. 8YP4 picture tube - \$25. Zenith 7H820, side cracked - \$8. Zenith 6D311, cracked, broken, no knobs - \$25. Guild Spice Chest radio 484 - \$75. RCA Voltohmyst Jr. - \$10. GE 350, case bad - \$5. Airline 15BR-1544A - \$15. Teletone 205 - \$10. Silver-tone portable catalog 225, dial glass broken - \$8. GE GD-50, no knobs - \$15. RCA 12X - \$15. GE clock radio Model 65 - \$15. **WANTED:** Chassis and speaker for Philco grandfather clock radio; crystal detector for 1920's Kolster decremeter. Michael Crain, RR 1, Box 472, Harveys Lake, PA 18618-9782. (717) 639-2794

MESSAGE: Notice: Family illness delaying producing & mailing lists. Thanks to all for patience. Gene Katz, KC6BLD, 212 Burman Wood Dr., Mount Laurel, NJ 08054. (609) 866-1189

WANTED: Hallicrafters radios, Models SX88, SX62A, SX62B, S72L, S72. Also want Hammarlund HQ-180A, HQ-145X, HQ-170. Also want HQ-180, for parts only. Also need RF for Hammarlund HQ-145X in the 1.6-4.0 band. **FOR SALE:** Hammarlund HQ-140XA, military type. Ronald G. Crowe, PO Box 117, Handley, VA 25102. (304) 442-8179

FOR SALE: Westinghouse H716T5, white plastic, AM/FM, works - \$20. Crosley 9-302, needs work - \$15. RCA 7BX8L green Globetrotter portable, works - \$25. Emerson 662 14" BW table TV, new tubes, recapped, cabinet refinished, good sound but no raster - \$65. All plus shipping. **WANTED:** Colorful tube type table radios from the 1950's. Prefer Philco but will purchase anything that really stands out. Also want Philco advertisement items. Robert Schrantz, 610 E. Juanita Ave., San Dimas, CA 91773. (909) 394-1194



WANTED: Emerson 610, prefer ivory cabinet, but will take any color. Stanley Schreier, 350 Hendrickson Ave., Lynbrook, NY 11563. (516) 887-4966

FOR SALE: Oscilloscopes: Tektronix 535-545, HP160-170, USM 105-140 - \$100 ea. Parts available. Jim Corliss, 2446 Vista Dr., Upland, CA 91984. (909) 985-9967

FOR SALE: Royal 500E - \$30. 1925 Minvera needs work - \$20. Small brown Transitone - \$10. Rick Eberhardt, 522 Poplar Dr., Bremen, IN 46506. (219) 546-3313

FOR SALE: Philco T70-124 - \$45. Motorola 5P33VV - \$35. Motorola 5A7A, missing cover, untested - \$18. A.T. Shost, 1307 Maple Ln., Sedalia, MO 65301. (816) 827-2655

WANTED: Early plastic or beetle plastic radios by Kadette, Detrola, Sparton, Majestic, Silvertone, RCA, others. Please call or write, and let me know what you have for sale or trade. Thanks. Jon Steinhauer, 636 Westminster Rd., Baldwin, NY 11510. (516) 223-9878

WANTED: Horn assembly and grille for Magnavox Model 25. Will buy junker radio for parts. Lance Wilson, 8429 Via Linda, Scottsdale, AZ 85258. (602) 483-8993

FOR TRADE: Hitachi 666 transistor, minor damage. Will trade for metal Arvin table set. Brad Jones, 4107 Crabapple Ln., Greensboro, NC 27405. (919) 375-6340

FOR SALE: Philco double-sided 37-602 Art Deco wood radio in beautiful condition - \$95. Also nice Philco 20 - \$225. Call: L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

MESSAGE: To A.R.C. readers: Warmest thanks again to so many of you fabulous dealers, friends and fellow collectors throughout the country these last few years, for helping me continue to build my growing mini-museum of Mitchell brand radios and other Mitchell appliances. Mitchell Mfg. Co. was founded in 1933 in Chicago by my late father, Bernard Mitchell (1911-1983), a true business genius, innovator, and inventor. His company made Mitchell brand tube and transistor radios; Mitchell TV's, phonographs, tape recorders, speakers, lamps; Mitchell air conditioners, etc., until about 1957. (He later became a leader in the fragrance industry.) Seeking to collect all of my father's appliance creations, I already have the Lumitone rocket-shaped lamp/radios, and, I believe, all the intercoms, and Mitchell Lullaby bedlamps and tall clock radios. But **WANTED:** There are still, surprisingly, dozens of known model numbers of various radios and other Mitchell appliances, large and small, in various colors I don't have yet. You may have a genuine Mitchell, or may well someday spot one in your adventures. (In fact other than the few Mitchells mentioned above, most of the calls I get do turn out to be for Mitchells I didn't have, or at least they're a nice condition upgrade.) So please do let me know about your "sightings" of the Mitchell name! Besides megawatts of warm appreciation I have been saving up

FOR SALE/TRADE: A generous fund of U.S. dollars in exchange for Mitchells I get from you or you tell me about. And **MESSAGE:** Thanks once more to all you who sell me or have sold me a Mitchell, or have the thrill of spotting the Mitchell name somewhere and let me know; and for your encouragement. I'm very, very grateful. Lee Mitchell, The Mitchell Collector, 175 E. Delaware Pl., 8202, Chicago, IL 60611. (312) 266-7100, 337-3123

FOR SALE/TRADE: Scott Philharmonic speaker & power supply, Scott Allwave 23 in homemade cabinet. Jim McKinnon, 605 No. Bridge St., Bridgewater NJ 08807. (908) 526-8421

FOR SALE: Novelty, plastic, wood radios. Send SASE for lists. **WANTED:** Radio Vision motion lamp radio. Sam Samuelian, 2305 W. Deerfield Dr., Media, PA 19063. (215) 566-7248

FOR SALE: Nordemende Stradella - \$75. Telefunken Bujazzo TS - \$85. Nordemende Entertainer for parts, portables - \$20. Don Behrens, 2417 W. Acacia Rd., Glendale, WI 53209. (414) 228-1980

FOR SALE: Bogen 15 tube Challenger AM-FM stereo high fidelity receiver. Sold as is, make offer. John Hoffnagle, 10 Sunset Ave., New Oxford, PA 17350

WANTED: Emerson U5A, Bendix 114, Pilot 203. Please call or write. Thanks. Kent Watson, 4711 Acorn Cir., Sarasota, FL 34233. (813) 925-4475

SERVICES: Speakers rebuilt, transistor radio speakers, also N.O.S. parts used - \$12.50 ea. + shipping. Ron McGee, 217 Crestbrook Dr., Jackson, MI 49203. (517) 789-6400

FOR SALE: DuMont RA346. **WANTED:** Tube shield for Philco 90. Dale Kinstler, W1361 Aasen Rd., Bangor, WI 54614. (608) 486-2589

FOR SALE: Sams Photofact sets #20-#1572 - \$2 each for numbers over #300, \$4 each for lower numbers. Evan Powell, 4717 Conquista Ave., Lakewood, CA 90713. (310) 429-3793

WANTED: Perryman radio tube with purple paper Perryman label. 1930's and 1940's radio premiums. Bill Ross, 875 Gordon Ter., Winnetka, IL 60093. (708) 441-6462

FOR SALE: WD-11 substitute units, Radiola III/III-A articles & information. Free details for LSASE. David P. Smith, Box 81, Olney, IL 62450

FOR TRADE: Crystal sets: Gecophone Junior, Brownie #3, Kenmar book A.J.S. 2-valve Model Z (1925), Fellows Type 2 valve receiver (BBC stamp, sloping panel, valves outside, ca. 1923), brown magnetic amplifier (1923) Model C, very rare Phillips 636, Hamtin 930, Sonora Cadillac, Sonorette, Emor Globe, Tesla Talisman (Czechoslovakian beauty). Interest in a green round Ecco AD65? There may be a chance! Simon Wade, Finchcroft, Broadwater Down, Tunbridge Wells, Kent TN2 5PE, United Kingdom. (44) 892.543505, evenings

WANTED: I buy cathedrals, average conditions but complete, under \$100. Send photo. Rimonti Federico, Live Music Studio, Via Righi 3, 15100 Alessandria, Italy. Fax +39-13-235854

FOR SALE: "Jan" tube-type projector sets: excellent condition. Includes projector, amplifier & speaker. Taking orders now for AWA annual convention. Show special - \$125 for set. Will bring to convention to save you on shipping costs. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

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FOR SALE: Rare AK breadboard Model 10C long board, in beautiful original condition complete, with tag #4700, brass base tubes, works fine - \$950. Philco cathedral 89 - \$185. Silvertone 6002 metal Midget - \$55. Turner microphone S-22 floor model - \$35. Music Master Meistersinger horn speaker, nice, works - \$155. Crosley 10-136E (Bunis, p. 53), beautiful - \$70. Lincoln folding antenna, in original box, nice shape - \$170. Freshman Masterpiece Concert, beautiful shape with built-in horn - \$135. Zenith black dial tombstone 5S127 - \$155. Crosley Buddy Boy, very heavy - \$325. RCA 106 floor speaker with tapestry - \$95. Sparton 410 Junior, very nice - \$225. Philco 38-60 tombstone, super nice - \$125. Add shipping. Tony Parjus, 816 Richard Ln., Gretna, LA 70056. (504) 393-0099

FOR SALE: TeleRadio Engineering Crystal Radio and Brandes Superior headphones, excellent original condition - Bids. Joel Camicia, 1811 NE 58th Ave., Portland, OR 97213. (503) 287-7832

WANTED: New collector wants to buy one good Regency TR-1 and other attractive transistors. Warren Thompson, 8500 Redwing Dr., Pensacola, FL 32534-1729. (904) 478-0413

FOR SALE: EH Scott consoles for sale: Warrington Philharmonic pointer dial, chassis poor. Waverly Allwave 23. Milton Grande Allwave 23. Warrington Allwave 23, one original, one refinished. Tasman Allwave 23. Wilshire 16. Westminster Allwave 15. Regent Allwave 15. Lido Allwave 15. Acoustacraft late Super 12. Oxford Phantom. McMurdo Silver 15-17 in Oxford cabinet, chrome 80%, 15-17, no cabinet, chrome 90%. We ship consoles anywhere and can probably arrange delivery if desired. Unless noted all radios are unrestored electrically but integrity is guaranteed. Satisfaction guaranteed, shipping extra. Alan Jespersen/Mike Emery, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am to 8 pm, 7 days. Fax only (612) 727-2489, 8 am to 8 pm

FOR SALE: Philco 1939 cabinet 39-6285, code 141, on back "Built To Receive TV sound, wireless way," good condition. Dorothy Bracker, 152 Turner Hill Rd., Easley, SC 29642. (803) 295-2849

WANTED: Information, catalogs, etc. on late 1930's Packard-Bell Co., especially their Phonocord home recording machine. Ned Connors, 29 Allen Ave., Barrington, RI 02806. (401) 246-0164

FOR SALE: Coke cooler, real nice, working - \$575. Fada 652 maroon and gold, exc, working - \$575. Bendix 626C, exc, working - \$575. Belmont 6D111, exc - \$165. Edison Standard cyl. player, exc - \$395. 1934 Philco #51 clock radio, exc - \$275. Jahan L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229

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Not sure? Send a SASE for a sample copy and find out what you've been missing! Call or write: Transistor Network, RR 1, Box 36, Bradford, NH 03221. (603) 938-5051

FOR SALE: 1927 Radiola 18 made by General Electric in Canada on escutcheon, a rare model in complete & working condition - \$165. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

FOR SALE: (216) issues of QST magazines 1925-1949 - \$80. (41) issues of CQ magazines 1945-1952 - \$50. (6) Radio Amateurs Handbooks 42, 43, 46, 51, 52, 53 - \$50. Kenneth Gregory, 5180 Ada, Beaumont, TX 77708. (409) 898-7270

WANTED: Plan for back of Emerson EP-375. Majestic 72 with or without cabinet. N.O.S cloth double headphone cords. Restorable Philco 89 cabinets. Philco 6 chassis and speaker. Herman Gregory, 1705 Gordon Dr., Kokomo, IN 46902. (317) 459-8308

FOR SALE: Rare Marconiphone 22, two-valve 1920's receiver, complete, original, showroom condition - \$800. A. R. Nolf, 539 Kastelic Pl., Burlington, Ontario, Canada L7N 3S9. (416) 333-4557

FOR SALE: Precision-built AM carrier current broadcast transmitters: These units contain: Crystal-controlled programmable divider to choose one of five different operating frequencies, full 100 mW RF output, high efficient modulator for added peak power, and RF feeds directly to your AC receptical, thus into home wiring and out to power lines. Range of up to 1/4-1/2 mile is possible. These are no off-shore cheapie drifties. They're perfect for broadcasting your favorite old radio shows in your home, nearby neighbors, and the drive-by public. Originally sold to realtors for over \$250, can be ours for only \$159.95. Order one today or send SASE for brochure. Pat Ryan, 2122 Marconi Ave., St. Louis, MO 63110. (314) 664-7080

WANTED: Black Truetone D2661, Clarion AC85 power transformer and radio drama transcription discs. Merrill Mabbs, 709 Pluma Dr., Rapid City, SD 57702. (605) 342-4090

FOR SALE/TRADE: McDonald French Fry radios, AM/FM, M.I.B. - \$45 ea. Ken Wong, 1460 Belleville Way, Sunnyvale, CA 94087. (408) 735-1815

FOR SALE: TR-1's, N.I.B. lavender, pearl, others; very expensive. Calls only please. Proven radioactivity! Henry B. Cohen, Mister Transistor, 2459 Eighth St., Fort Lee, NJ 07024. (201) 585-0030. Fax (201) 585-1659

WANTED: A collector wishes to purchase radios by EH Scott and McMurdoSilver, particularly interested in a clean AM Philharmonic. Also looking for an 18" Jensen speaker, quality 30's record player chassis, and "egg-timer" as used in Capeharts to control the playing time of automatic changer, pre-WWII 78 rpm records. Message machine after 4th ring. Ed Gardner, 103 Lordship Rd., Stratford, CT 06497. (203) 381-9619.

FOR SALE: Farm sets: Sentinel Model 265-T, Admiral Model unknown, both untested - \$15 ea. plus UPS. Greg Mitchell, 8017 Dema Dr., Des Moines, IA 50315. (515) 287-2005

FOR SALE: Tubes. Entire stock of N.O.S. tubes must go. Low prices! SASE for list. Dyna FM-1 stereo tuner with FMX-3 - \$55. Lafayette FM-650 mono tuner - \$35. Pilot T601A mono tuner - \$50?. Sylvania tube caddy - \$25. Sams tube sub manuals - \$6 ea. Much misc. **WANTED:** Schematic for RCA MI-9377A theater amp. Junker Lafayette KT-600 preamp. Charles D. Blair, 815 N. 5th St., Cambridge, OH 43725. (614) 432-4453, 9-5 daily

FOR SALE: RCA 6T tombstone, fair - \$60. Emerson FW330A Silver Jubilee, same as BL200 (Bunis 2, p. 70) - \$45. GE P820A transistor - \$25. Dennis Schrank, 3129 S. Quincy Ave., Milwaukee, WI 53207. (414) 744-3374

FOR SALE: An unbelievable amount of time was spent looking for this month's list. Early morning to late night. Mile after mile. You stay home, I'll do the leg work. Completely restored, Danish Modern Predicta - \$1,300. Crosley Oracle - \$375. No speaker Zenith 6D2615 Consolone - \$75. Abbotwares horse radio with marbled green base - \$375. Yellow Fada Bullet, perfect - \$675. Yellow body red trim Fada Temple 252 repro knobs - \$750. (3) different Bakelite radios from Australia - \$75 ea. RCA cathedral 110, perfect original - \$285. & Working, Zenith Bomber Trans-Oceanic 7G605 - \$350. Marbled blue Fada Bullet, yellow trim - \$2,500. Emerson BT-245, green body, white trim - \$2,800. RCA Mexican Siesta radio, exc cond. with back - \$895. Crosley turquoise/aqua with chrome dial & knobs 10-139 - \$160. Burns black petal horn - \$325. Charlie McCarthy in white body, all original - \$1,200. Philco 90 cathedral, exc original - \$595. Prewar brown DeWald Bantam - \$195. Detrola brown Pee Wee - \$375, white - \$550. 4-knob Sparton peach - \$4,500, blue - \$3,500. Brown Kadette Jewel - \$395. Mint red Crosley 11-115U - \$295. Green Kadette Crockett, restored - \$3,950. Red Emerson 5X1 - \$4,500. Emerson Little Miracle, green body & green trim - \$3,500. Green push-button Sentinel Catalin - \$4,500. Magnavox M4 horn - \$175. Magnavox R3 horn - \$195. Crosley Pup - \$395. Emerson brown Little Miracle - \$95. Belmont brown Bakelite cathedral shaped farm set with battery pack working, rare - \$325. Crosley D25MN, rust color - \$95. Bendix green marbled Catalin, with back - \$625. Garod 5A2, blue grille - \$175, red grille - \$150. Both perfect. Coke Cooler, perfect - \$700. Pepsi Cooler radio - \$550. Chrome radio on cover of Collins II - \$175. GE H-500 beetle plastic, slight unnoticeable repair - \$225. Coronado with blue marbled handle & trim, 1 Plaskon, with small stress lines on top - \$250. 1 Bakelite, no cracks - \$25,000. RCA oriental design, black body - \$175; red body - \$295. Philco Transitions from Collins book, white body 52-548 - \$95. Zenith Deco push button, no cracks 6D312 - \$165. Majestic Melody Cruiser - \$350. Stewart-Warner Varsity radios, yellow body, white grille - \$475; blue body white grille - \$375, all white Plaskon - \$250. Emerson 744 cream body, brown grille, grille is slightly warped and legs are broken on grille - \$200. Chicago White Sox baseball radio with logo - \$495. Dahlberg pillow speaker radio, green, - \$135. Transistors. Philco T66-126, aqua - \$45. White Atlas 888 - \$195. Red 888 Vanguard - \$225. Realtone 1088, black - \$95. Red with case - \$165. Zenith Royal 500, white - \$135. Toshiba red lace - \$400. Regency TR-1, white - \$525. Red Regency TR1 small chip on bottom of back cover - \$600. Arvin 62R16 mint green - \$85. Tan Zenith Royal 500 - \$335. Marvel 6YR-15A blue body, white top, front not perfect - \$75. Micronic Ruby CD markings SR-G430 - \$100. Motorola 7X24S, perfect - \$235. That's it. This month's list is huge but so are the amount of collectors. I now offer 100% money back refund; I always did but now it's in writing. Don't be afraid to call to reserve any radio. We ship radios to all parts of the world - insured. Many more radios on display. Stop by, pick out a radio. Call first. Eric & Sirelle Fogel, 87 Sandra Dr., Parsippany, NJ 07054. (201) 316-8424. Fax 9:30 pm-9:30 am EST same number

WANTED: Detrola Super Pee Wee. Emerson Mae West #BC-194 and Continental 1000. Robert Lutz, 9041 Gillette St., Lenexa, KS 66215. (913) 894-1327

FOR SALE: Set of 6 Marconi-Victor wireless telegraph code instruction records, with jacket, one record cracked - \$20. RCA Victor service Notes, 1938 and 1940 - \$40 ea. Rider's Television manuals #4-27 - \$395. 1949 Beitman TV manuals - \$9. Approx. (275) RCA Service Data sheets/folders, from 1935-1951 - \$50. All above plus shipping. **WANTED:** Radio News, November and December, 1942. Ned Connors, 29 Allen Ave., Barrington, RI 02806. (401) 246-0164

FOR SALE: Dahlberg pillow spkr radio, exc, but no spkr - \$150. Seeburg 100 wall unit - \$90. Globe xstr, cracked - \$50. Westinghouse green "refridge" - \$65. Guild "Country Belle" - \$55. Philco "Bing Crosby" radio/ phono - \$55. Radiola 18 - \$55. Freed-Eisemann FE 15 panel/parts - \$20. Silvertone 6002 metal - \$45. RCA R7 tombstone, fair - \$55. Suitcase phono - \$40. Jahan L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229



WANTED: This chrome grille wooden set by Colonial & other sets with metal or chrome grilles. Jay Malkin, 1250 Galapago, #206, Denver, CO 80204. (303) 623-6451

FOR SALE: Riders complete index (copy) for Vols. 16 thru 22 (no 23) - \$10 ppd. John Snow, 4539 Bartlett, Shorewood, WI 53211.

FOR SALE: AK-33, works, N/T - \$60. Crosley Gembox, needs filters, pot metal good - \$70. RCA Radiola 20 floor model, missing base and legs, works N/T - \$80. Western Coil & Electric WC-18B, needs knobs & refinish - \$150. Majestic 50, works - \$175. RCA 56X2, RCA 65X1, works - \$20 ea. Zenith J615W - \$30. All plus ship. **WANTED:** Crosley V111 RF coil & filament rheostat, grille for Radiola Grand. Don Sturzenbecher, Rt. 3, Box 28, Sioux Falls, SD 57106. (605) 368-2135.

WANTED: Zenith Model 500-I transistor in good or better condition. John Stitzer, 708 Roberts Ter., Marshalltown, IA 50158. (515) 752-6351

FOR SALE: Fisher 49T tuner & 49A amp - \$100/pr. Fisher K10 SpaceXpander - \$45. Jetronics OS-46A/U 5" scope - \$75. B&K 415 Sweep-Marker generator - \$50. Radiola 42 - \$200. Rek-O-Kut "Rondine" turntable - \$75. Mercury 300 tube tester/VOM - \$50. EICO 2715 receiver - \$65. Stromberg-Carlson AU-58 amp - \$50. Altec-455A stereo preamp. - \$75. Altec-834A speakers - \$200/pr. Emerson 107-LW - \$125. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070.

WANTED: Philco "Mystery" remote control box. One Apex 8A or 8B knob. Curt Schreiber, 3923 East Latoka St., Springfield, MO 65809

WANTED: Information about where to buy Soviet manufactured tubes. Call or write: Walt Murray, PO Box 231340, San Diego, CA 92194. (800) 878-1308

FOR SALE: Cathedrals: Majestic 50 cathedral, GE K-64, Philco 60, Philco 38A, Philco 84, Clarion 80, Philco 80 Jr., Majestic 56 Ardmore. Tombstones: RCA 7T, Gilfillan, Philco 610, Zenith 5S127, Zenith 4T26, Philco battery, Philco 66, Motorola 5T, Philco 37-38, Cardinal, GE 53. Other radios: Zenith R600, brown; RCA 7BX-10; Eveready 3; Graybar 3 with speaker 311; Stewart-Warner 301A. Battery sets: Grebe MU-1, Freshman Majestic, Federal E-10, Airline 6, Day-Fan Jr., AK 35, AK 49. Speakers: RCA UZ-1325, (2) RCA 100A, AK horn L, AK F2 Electro, RCA 103. Rider's 6, 7, 8, 9, 11, 12, 13, 14 and 16. Jim Stratton, N6902 Post, Spokane, WA 99208. (509) 328-8471, after 5 pm anytime weekends

WANTED: Colored Music Box by Electrohome. Zenith grandfather clock radio. **FOR SALE/TRADE:** For better radios: (12) Eimac 4CX350 (JAN 8321), N.I.B. (7) 8298A (6146B), N.I.B. Heath W-5M c/w tuner and preamp. Heath A-7. Stromberg-Carlson Model 207 P.A. amp. Rider's Vols. 1, 9, 10, 13, 14. (4) Sony Servicing Guides. Surplus Radio Conversion Manual, Vol. 1. Transmitter cartridges, N.I.B., for WE 626A mic. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9. (403) 434-6257

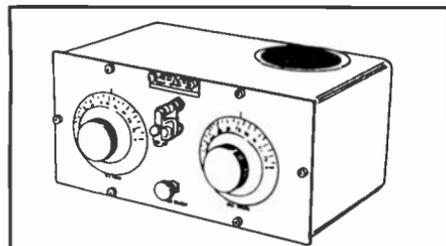
FOR SALE: Radio dial belts - \$4 ea. ppd. Indicate belt size or radio model. Bob Zimmer, 205 Brigham Hill Rd., Milton, VT 05468. (802) 879-7235

FOR SALE: Western Electric tubes 5D21, VT52, 101M, 249B, 275A, 300B, 310S, 331A, 421A. Best Offer by September 30, 1993. John Gramm, Rt. 207, Campbell Hall, NY 10916. (914) 427-2602

WANTED: Good audio xmrs for Grebe MU1. Gold 01-A's. Belmont Model 519 parts set. Gary Carter, WA4IAM, 1119 Van Wert St., Greensboro, NC 27403. (919) 292-5861

FOR SALE: Home brew 5 tubes, DeForest Honeycomb coils, 5 tuning knobs, 2 rheostats, well built - \$75 plus UPS. John Snow, W9MHS, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194

FOR SALE: Marvelous Atwater Kent advertising item, Blackface Jolly Dancer figure (1920's), uncut on card stock, excellent new except for minor foxing - \$120. Frank Bequaert, Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448



WANTED: Pre-1926 radios by AMRAD. Also, Amrad radio parts, accessories, and literature. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

RADIO SCHEMATICS, Sams, Riders, Beitman Gernsback. \$2.50 each. Postpaid USA. Joseph R. Forth, 321 Long Vue Acres, Wheeling, WV 26003. (304) 277-3154

FOR SALE: Hafler Ohio preamp; Carver M400T amp; two New Advent speakers; Crosley Coloradio, 11-101U, dark green (Bunis 2, p. 48); Crosley Coloradio, 10-137, light green; Lorus, N.I.B., wrist radio watch; RCA Nipper, N.I.B., beach towel, RCA logo; Philco 44 cathedral, lowest production of all Philco cathedrals; N.I.B. Coke Cooler transistor radio; Philco Predicta, 21-inch table model, G4242; (100) early transistor sets, including Zenith, Emerson - \$1,000 for all, including shipping. 1926 REL catalog, shows REL parts and kits. Charles Harper, 150 Duncan Ave., Paris, KY 40361. (502) 769-0404, 6:30-10:30 pm Eastern

Classified Ad Deadline Noon

Sep. 10 for Oct. 1993 Issue

Oct. 10 for Nov. 1993 Issue

Boxed. Photo. & Display Ads - 1st

FOR SALE: Zenith K725, H845, G624 - \$15 each, plus shipping. Bob Chis, 306 Amon Ter., Linden, NJ 07036. (908) 862-0650, after 6 pm; fax (201) 912-0473

WANTED: Zenith Trans-Oceanics, tube and transistor models, any condition. Frank Manzano, 82 Monhegon Ave., Oakland, NJ 07436. (201) 337-5263

FOR SALE: Radiola III-A without tubes, in mint condition - \$150. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Scott Allwave 15 or 23, prefer with cabinet, must be in excellent condition. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

WANTED: Front panel and tube layout for Sleeper Model 66. Zenith 8" speaker #49-132 for Model 6-V-27. AK Model L horn base minus pot metal parts. Ken Martin, 12667 Eckard Way, Auburn, CA 95603. (916) 885-0243

FOR SALE: Emerson 511 Moderne - \$55. RCA 9673 - \$40. Motorola 5M2U small maroon portable - \$40. Philco PT12 (Bunis II, p. 141) - \$20. Travler 55-37 - \$25. RCA 9X641 - \$40. Westinghouse H-39775 maroon clock/radio (tombstone) - \$55. RCA 8X681 - \$40. All plus UPS. Scott Olson, 1405 25th Ave. S, Apt. 104, Fargo, ND 58103. (701) 293-9238

FOR SALE: Clarion 35 watt P.A. amplifier Model 44-500 tube type - \$25 plus UPS. Ed Povraznik, 9606 Biddulph Rd., Brooklyn, OH 44144

FOR SALE: PHONO NEEDLES & CARTRIDGES (ceramic - magnetic). What do you need? Send SASE. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

Join Crystal Set Society. \$9.95 brings six bimonthly newsletters on designing, building, understanding sets. Phil Anderson, 789 N. 1500 Rd., Lawrence, KS 66049-9194

NOTE: New prices on capacitor can rebuilding: Single section can \$12. postpaid return - Dual section can \$13. postpaid return - Triple section can \$14. postpaid return - Quad section can \$15. postpaid return - Maximum 450. Volts at these prices.

FRONTIER ELECTRONICS - Box 38 Or 403 S. McIntosh St., Lehr, N.D. 58460. PH. 701-378-2341 Recorder after 5th ring

FOR TRADE: Edison cylinder phonograph, extra cylinders, and three horn speakers for AK and/or other cathedrals. Phil Boydston, 102 Concorde Pl., Mandeville, LA 70448. (504) 845-0867

FOR SALE: Grebe CR5 panel - \$75. Grebe CR9 panel - \$75. Radiola 3A panel with rheostat - \$50. DeForest Radiohome 1 tube set panel and cabinet - \$150. All plus UPS. Phil Weingarten, 67-61 Alderton St., Rego Park, NY 11374. (718) 896-3545

MESSAGE: Coming to Rochester? Don't miss our display of fine used radio books and magazines. Indoors, opposite the auction room. Frank Bequaert, Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE/TRADE: Trans. novelties Stutz PL4 - \$70. 1917 Touring Car P43 & P44 - \$45 ea. Space Cap P257 - \$45. Phono highboy P424 - \$70. Candlestick phone Swank - \$70. World timer PL 523 - \$65. Red Jaguar PL 28 - \$70. Rear of 57 Chevy - \$65. Radio Shack Flying Saucer - \$60. Steinite crystal set - \$235. Michigan MR11 2 tube amp - \$350. All items in excel. cond. Bob Fuschetto, WA2BCR, 1758 Michael Dr., Whitehall, PA 18052. (215) 435-8944, call bet. 7 pm & 9 pm

WANTED: Mustang promotional plastic car/AM radios from the mid-60's. Not reproductions. Jerry Becker, 3331 Larry Dr., Plover, WI 54467. (715) 341-7610

FOR SALE/TRADE: Transistors: Hitachi TH-666 red, chip on back - \$50. (2) GE 787 w/owners manual, battery cover missing on 1 - \$70/pr. Oritone 10 transistor - \$25. Commodore 8 transistor - \$30. Harlie transistor - \$8. Radios: Sentinel 343 brown Bakelite - \$25. Bendix 65P4U - \$35. RCA 7-EY-IDJ 45 changer - \$30. AD-COM power amp, new - \$250. Harman Kardon preamp - \$65. Lee Gentry, 2121 Windbrook Rd., Knoxville, TN 37923. (615) 694-8903

FOR SALE: Table radios, '40's to '60's - Send SASE for list. Airliner Mod 62-293 console, movie dial ex. with owners manual - Best Offer. Zenith Royal 640 transistor - \$25. Audel's Radiomans Guide 1942, 760+ pages - \$25. Bill Cherenky, 6 Kate Ln., Metuchen, NJ 08840. (908) 549-2165

FOR SALE: Sams 177 to 1801. Also Sams AR's, TSM's, MHF's. \$2.50 each plus postage. Maria P. Troutman, PO Box 760, Brewer, Maine 04412-0760

WANTED: Fairbanks Morris console Model 9C or 12B preferred. Charles E. Patterson, 2621 Sweetwater Rd. SP#33, National City, CA 91950. (619) 475-7141

WANTED: World's Record Super 8, 9 or 10 super-het kit radios (circa 1925-1928) and/or related original literature. Also want other non-chrome Scotts (pre-1930) and chrome 2v or 6v Scott radios (mid-1930s). Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

FRONTIER ELECTRONICS rebuilds twist-loc capacitors & wet type for \$10. each single. Simply add \$1. for each added part. Maximum of 450. volt at this price which includes 1st class return postage. Typical time in shop is 10 days. Will quote on higher voltages & rectangular can types. Box 38, Lehr, N.D. 58460 (U.P.S. 403 S. McIntosh St.)

FOR SALE: RCA Victor 1949 Eyewitness TV Instruction Manual #TC166 - \$14 ppd. **WANTED:** Zenith Royal 500s, any condition. TV Guides. D. M. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481

FOR SALE: Atwater Kent speakers: Model M, Model L, Model F-4 for Kiel table, and two Mode E drum types in green/black and black ripple and bronze, all - \$50 each. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Hallicrafters speaker and manual for SX96. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

FOR SALE: Used tubes for sale: 5-866A - \$10 ea.; 1-5557 - \$25; 4 VT-4-C - \$8 ea.; 42ST - \$10; 47ST - \$10; 6G5ST - \$8; 2A3 - \$15; 6L6 - \$10; and others. LSASE for list. Del Tysdal, 812 Broadway, Fargo, ND 58102. (701) 293-9328

FOR TRADE: My Craftsman tuner, Model 800 for your Crosley 124 chassis & speaker. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

WANTED: Manufactured full size rad-o-bed combination like Jirarek Featured Furniture-Stewart-Warner type. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20855-2726. (301) 929-8593

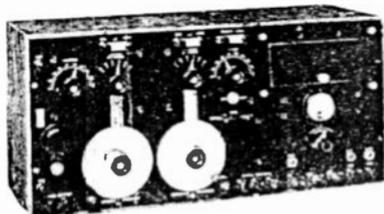
WANTED: Dual volume control for Philco 20. 1 megohm 1/2 watt lead end resistor. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (708) 584-5915

FOR SALE: Steinite - oak case with brass escutcheon/thumbwheel dial, 7 tubes - \$50. Atwater Kent 20 with AK Model H Horn speaker - \$100. Realistic DX-150A 4 band SW receiver - \$50. Brass Gramophone transistor set - \$50. **WANTED:** Motorola transistor and small tube portables and tabletop sets. Jeffrey Viola, 475-B Eltone Rd., Jackson, NJ 08527. (908) 928-0666

Victrola Repair Service: Windup phonograph repairs, parts, springs, needles via U.P.S. Rod Lauman, 8 Sunset Circle, St. Johnsbury, VT 05819. (802) 748-4893, eves.

WANTED: CALLBOOKS, Amateur, Broadcast, Government, Commercial and Military. 1900-1930. Bob Arrowsmith, W4JNN, PO Box 166, Annandale, VA 22003. (703) 560-7161 Collect

PARTS for collectors. Hard to find Electrolytics, High Voltage Capacitors, High Power Resistors, Plugs, Switches and more. Free Catalogue. A.G. Tannenbaum, P.O. Box 110, East Rockaway, NY 11518. 516-887-0057. FAX 516-599-6523



FOR SALE: RCA IP-501A 1922 marine receiver with two-stage audio amplifier. \$2,850. Cliff Cannon, 1106 Donnell Drive, Daytona Beach, FL 32119. (904) 788-6666

FOR SALE: Parting out 1927 Radiola 64, gorgeous cabinet w/doors, very ornate designs. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: GE Superadio I or II, must be in excellent condition. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

FOR SALE: Setchell-Carlson combination radio and Inter-Comm. pre-WWII - \$75 plus UPS. Jack Shaymow, Vintique Electronics, 52-C Tilford, Deerfield Beach, FL 33442. (305) 427-1222

FOR SALE: Test equipment manuals for Eico, PACO, Precision, Triplett and Simpson. Copies only. Write your needs. Include large two-stamp envelope for lists. Clayton Mundine, 6112 S. Flores St., San Antonio, TX 78214

FOR SALE: Hallicrafters Skyrider 23 - \$60; 1939-1941 ham/audio catalogs. SASE for list. Jim Collings, 12005 Victoria Pl., Oklahoma City, OK 73120. (405) 755-4139

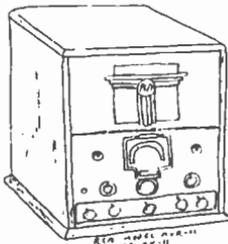
WANTED: Complete dial assembly from a junked National NC-100A rcvr. Include your phone number. James T. Schliestel, W4IMQ, PO Box 93, Cedartown, GA 30125. Fax/phone (404) 748-5968

WANTED: Nice Zenith 8H032 (1946), Zenith 1942 sales literature, and Zenith Manuals #1, #2. Armand Cote, 11 Berge Ln., Derry, NH 03038. (603) 437-4431

FOR SALE: Ham equipment: Heath AT-1, 25-watt transmitter, manual and tubes - \$30. Heath VF-1 VFO - \$15. Heath SB-10 S.S.B. adapter - \$10. Antenna tuner, homemade - \$5. Globe Chief 90A transmitter - \$30. All with UPS. Mervyn Ellsworth, 2309 N. 25 St., Boise, ID 83702. (208) 345-6878

WANTED: Roll chart for Hickok 752 tube tester, Flyback for Zenith TV Model #28T960, Part #S-15015, TV-2 tube tester right. Tim Metz, 221 Wheatland, Fairview, OK 73737. (405) 227-2456

WANTED: Broadcast-type MICROPHONES. Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, PO Box 620, Kingsland, GA 31548-0620. (912) 729-2242



WANTED: RCA Model AVR-11 (AV-11) airport receiver as shown, any condition, housed in a steel tabletop cabinet approximately 20"W x 24"H x 16"D, 1937 vintage. Similar to the ACR-111 but is not the same radio. Chuck Dachs, The Hallicrafter Collector, 4500 Russell Dr., Austin, TX 78745. (512) 443-5027

WANTED: Thordarson amplifiers: 2A3 Pono Amp T-30W10, T-31W10 etc. Heathkit WA-1. Schematics and other related items. Paul Gil, 180 Union Ave., Belleville, NJ 07109. (201) 751-5959

FOR SALE: Come leaf peeping and book buying in New England this autumn. The best selection of radio and related books and paper in the region. Our shop is in the southwestern corner of New Hampshire. Call or write for directions. Frank and Lucia Bequaert, Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE: Tombstones: Emerson (E.O.R., p. 136) - \$65; RCA 119 - \$85. Table: Zenith 4B437 - \$45. Joe Quinn, 30511 Manhasset Dr., Bay Village, OH 44140. (216) 835-8420

WANTED: AK 84 chassis for parts, Rider's Radio 3, 6, 14+ (will consider complete set). John M. Slusser, WF2W, 16 Hurlingham Dr., Honeoye Falls, NY 14472. (716) 624-9254

FOR SALE: Books. Prices postpaid. Call to reserve. Transistor Circuits - \$4.50; Electronics Engineering Manual - \$8; Intro to Electronics: Devices and Circuits - \$7; The Radio Boys First Wireless - \$9; Communication Engineering - \$6; Elements of Radio - \$6; Radio Communication Systems Measurements - \$6; Servicing Superheterodynes - \$7; Television Servicing Course - \$6; Television and F-M Receiver Servicing - \$6; Practical Television Home Study Course - \$5; Basic Theory and Application of Electron Tubes - \$6. Ross Wollrab, 1501 E. Gardner Ln., #722, Peoria Heights, IL 61614. (309) 686-0211

WANTED: Multi-colored dial window for E.H. Scott Allwave Imperial. Hi-frequency speakers; reasonable. David Edyvean, 2508 Campbell Ave., Schenectady, NY 12306

FOR SALE: RCA 74B microphone, excellent unrestored condition - \$250. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919. (813) 936-7197, after 6 pm

FOR SALE: Antique radio paper: You need paperwork to supplement your radio collection or to decorate your radio room. We can supply color copies of sheet music, advertising stock certificates, and old radio test equipment manuals. Send SASE for list. Antique Radio Press, R 1, Box 41, Cutler, IN 46920. (317) 268-2214

WANTED: Howard 450A, 460 and 490; also Breting Model 6, 9, 40, and 49. **FOR SALE:** Lafayette HE-50 transceiver - \$60. Hallicrafters S-120. Both work and look good. Fred Hegel, 1901 Frank Pl., S. Daytona, FL 32119. (904) 760-7632

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

FOR SALE: FOAM SURROUND REPLACEMENT KITS. Kit includes two foam surrounds, cement, centering shims & thorough instructions. 10" Kit = \$24.95, 12" Kit = \$29.95. (N.J. residents add 6% sales tax) + \$3.00 S/H. Sound Remedy, 331 Virginia Avenue, Collingswood, NJ 08108. (609) 869-0238

FOR SALE: Receiving Tubes, Used, Guaranteed: Under \$2.85. Sams 183-450: Under \$3.50. CQ, QST, Ham Gear, Antiques, Test Gear, Parts. LSASE to DMI, 47 Hazel Drive, Pittsburgh PA 15228.

WANTED POCKET TRANSISTOR RADIOS. Will buy one or entire collection, please call or write with description and price. 919-623-4633. Richie Richardson, 515 Spruce St., Eden, NC 27288

FOR SALE: U.S. Radio, 1930's circa, 5-tube, wood, Model 25-A, asking - \$75. L. Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

WANTED: Emerson BW231, must be in excellent condition. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

FOR SALE: Philco 60 chassis and speaker - \$35. Hallicrafters S20R - \$65. National NC33 - \$60. Hallicrafters HT40 transmitter - \$40. Raco Products Super Clipper receiver - \$85. Knight-kit R55 receiver - \$45. Philco Service Notes - \$14. Heath IG102 signal generator - \$15. Philco 47-204 - \$30. AK 20 case - \$20. AK 30 - \$100. GE PR3B tube - \$10. Harrison 203-1 tube - \$15. VT166/371B tube - \$10. WE 331A - Offer. Rough AK Kiel table - \$95. Add UPS. Call for details. Raymond Filozof, 339 Howertown Rd., Catasauqua, PA 18032. (215) 264-4733

FOR SALE: Special summer prices! LSASE for list including estate sale items still left including refinished Philco 40-150 slant-front set and GE in Figure 3 of metal radio article in June 1993 A.R.C. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520. (510) 825-6865

WANTED: Good restorable chassis for Sparten Bluebird. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919. (813) 936-7197, after 6 pm

FOR SALE: We still have: Our 1993 color catalog now has new pages, dial drive belt kits, and new reprints. Still \$2 ppd. James Fred, R 1, Box 41, Cutler, IN 46920

FOR SALE: Sansui receiver Model 500, needs two 6BM8 tubes - \$150 OBO. Drake TR-22C two-meter transceiver, 11 crystal pairs - \$100. four transistors, two Bulovas, one TMK, one Zenith Model 64 - \$20 ea. Bell tube amplifier, #5630, 3 phono inputs, one mike input, works - \$50. Kevin Schroeder, N8SXU, 517 E. 2nd St., Ottawa, OH 45875. (419) 523-3481

WANTED: Hallicrafters Sky Riders with entire front panel silver color; also S-30, S-33 S-35 pan adaptor, SX-112, HT-2, HT-3, HT-8, HT-12, HT-14, EF-132; wood console speakers R-8, R-12; parts, advertising & memorabilia. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Drive, Austin, Texas 78745

WANTED: AN/TRC-10 radios; AN/PRC-1; AN/PRC-5; M-209 Cipher machines; any radios beginning with letters "SS" (example "SSR-5"). Keith Melton, Box 5755, Bossier City, LA 71171. (318) 747-9616

SOLID STATE VIBRATORS for most automobile radios 1932-57. Exact duplicates of originals in metal cans. Synchronous, Non-sync, European. One-year guarantee. Dealer prices. Free catalog. Order toll free: 1-800-WE FIX AM. Visa, Mastercard. Antique Automobile Radio, Box 892, Crystal Beach, FL 34681. (813) 785-8733

ELECTRON TUBES: Over 1 Million Tubes in Stock. Buy & Sell. Daily Electronics, 10914 NE 39th St. #B-6, Vancouver, WA 98682. 800-346-6667. 206-896-8856. 206-896-5476, fax

WANTED: Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Iranov, Valencia, CA 91355. 1-805-259-2011

FOR SALE: Shop for books by telephone! Call me and I shall browse our extensive stock of radio and related books and magazines for you. Call any day 9 am to 9 pm. Credit cards accepted. Frank Bequaert, Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE: Oremaster L3 TSM-56 Super Geiger counter, complete in original box, very good - \$35. Conar 224 tube tester with cata, good tested - \$25. Superior TV-11 tube tester with data, very good - \$25. Ali + UPS. Mervyn Ellsworth, 2309 N. 25 St., Boise, ID 83702. (208) 345-6878

WANTED: Tubes, call or write when you want to sell that one tube or entire collection. Western Electric, antique military surplus, and transmitting tubes. Tim Metz, 221 Wheatland, Fairview, OK 73737. (405) 227-2456

FOR SALE/TRADE: Heathkit TC-2 tube tester; Westinghouse refrigerator. **WANTED:** Knurled butterscotch knob for Fada 652. R. Matzko, 3 Coloma Ct., Sterling, VA 20164. (703) 406-2713

WANTED: Escutcheon for AK-84. Philco 17B cathedral Melodyne battery set. Butterscotch bezel for Fada 115. Theodore P. Depto, 818 5th Ave, Patton, PA 16668. (814) 674-8834

WANTED: Marantz, Western Electric, REL, Fairchild, Hadley, Karg, Acrosound, etc., tube audio equipment. Audiocraft, Audio Engineering, and Audio magazines 1950-1965. 1950's-1960's hi-fi brochures, catalogs, and books. Faul Creasy, 6216 Worlington Rd., Bloomfield Township, MI 48301. (313) 737-0429

FOR SALE: Mint original Majestic 20 cathedral - \$225 + \$25 UPS. Zenith suitcase black Trans-Oceanic, excellent, with papers - \$85. Joe Nocera, 1222 Finch St, New Castle, PA 16101-4840. (412) 658-7805

BOXED CLASSIFIED ADS WORK! This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 5th of the month.

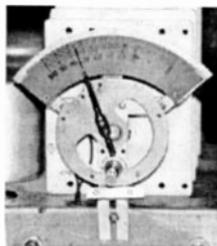


WANTED: Early tube Hi-Fi components and studio equipment by Marantz, McIntosh, Tannoy, Acrosound, Brook, Brociner, Fairchild, Hadley and others. Also want Western Electric theater amplifiers, speakers, tubes, & microphones. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

WANTED: Old fountain pens by Parker, Sheaffer, Waterman, Mont Blanc, Conklin, etc. Will trade name-brand high quality radios for them or pay cash for the pens. Con'act: Frank Weissman, 4 Shadbush Ln., Westport, CT 06880. (203) 454-1267, after 9 pm EST

FOR SALE: Kolster Model K43 (Evolution of Radio, p. 11), very good condition - \$150 + shipping. John Kendall, PO Box 436, Fallston, MD 21047. (410) 483-3884

FOR SALE: Philco 46-350 - \$40, 46-132 - \$20. Minwood RCA - \$35. Mantola R-664PM - \$40. Motorola 47B11 - \$25. KAVN bottle - \$10. Over 300 Catalin(?) poker chips - \$200. Metal parts drawers. Electronic phono cartridges. TV flybacks, etc - \$5 each. CRT rejuvenators - \$5, \$25. **FOR TRADE:** Zenith 8S463 for tabletop crank phonograph. **WANTED:** Telephone parts, Edison Standard horn. Doug Koehn, 3506 14th Ave., Kearney, NE 68847. (308) 236-4769



WANTED: Repair of pictured tuner stem/dial assembly mfg. by DeJur Anso, NY; 8 ea. 1 1/2" Philco push buttons; 2 (or 1) Emerson 22 knobs. L. Heath, 2160 Old Salem Rd., Conyers, GA 30208. (404) 922-4328

FOR SALE: Crystal radio kit, comes complete with face panel and baseboard, (2) 365 variable capacitors, and many other parts for old style crystal radio. Remit \$29.50. Carl & Grace Ent., 5636 Romeyn, Detroit, MI 48209

FOR SALE: Three Victor 1904 Health Exercise records, mint condition, original folder - \$40, 3 lbs. shipping. Harold Lejuez, 46-16 160 St., Flushing, NY 11358. (718) 463-4110

WANTED: Allen Chapman's Radio Boys book with original dust jackets only. Please write: Henry O'Meara, PO Box 384, Honeoye, NY 14471

WANTED: Decals for Pepsi Cola bottle radio; approximately 22" tall. Brian Justh, 945 Lewisberry Rd., Lewisberry, PA 17339

FOR SALE: Daven RC amplifier - \$50. **WANTED:** Fada Model 140A receiver, AK two-tube BB amplifier. Randolph Warren, 5026 Portsmouth Rd., Fairfax, VA 22032. (703) 978-6144

FOR SALE: Radio and television text, reference books, schematics. Used test equipment, new and used tubes 25c and up. New American-made 600 volt capacitors, hundreds of miscellaneous parts for repair or construction projects. Eight-page list free to residents of U.S.A. and Canada. Sue Coulter, 4200 Prince St., Bakersfield, CA 93301

WANTED: Old studio gear, tube amplifiers, record cutting machines, microphones, pocket radios, jukeboxes. **FOR SALE:** Bluebird, Predicta. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 866-6183

FOR SALE: Transistors: Zenith Royal 500 7XT40, excellent, with pouch & instructions - \$165. Truetone DC 3052 - \$10. Emerson 888 Pioneer, red, small chip - \$45. JCPennys early model RPI-124 - \$50. Sony TFM121 - \$10. Universal, coral with gold front, nice - \$20. Rhapsody in original box - \$20. RCA 3RH31 - \$35. RCA 4RH16 - \$35. All plus shipping. Suzanne Wyatt, Box 83, Dearborn, MO 64439. (816) 992-8811

WANTED: Hallicrafters S10, SX11, S14, SX15, SX18 Robert Braza, N1PRS, 49 Fifth St., East Providence, RI 02914. (401) 438-8927

WANTED: Electronic wax cylinder dictating machine in working condition. Also wax cylinders for above. Chisl Chislowky, 2947 Ave V, Brooklyn, NY 11229

FOR SALE: Great collection of 1920-1928 radio literature! (148) different sales brochures and (16) different magazines. Over 75 different manufacturers of radio are represented. \$900 for this unique collection. Ca. 1935 Majestic Deco table radio Model 49-B - \$475. Walter Miller, 6710 Brooklawn Pkwy., Syracuse, NY 13211. (315) 426-7864

FOR SALE: Rider's 4-14, excellent - \$150 or \$15 each (Vol. 4 - \$20). **WANTED:** Shell transistor (Breed, p. 296). Barry McDaniel, PO Box 5544, Little Rock, AR 72215. (800) 755-3326

WANTED: Tubes all kinds and quantities, tube sockets, old paper and old caps, Sprague Black Beauties, Vit-Q, Westcap, etc. Mail or fax inventories or inquiries to: Kurluff Ent., 4331 Maxson Rd., El Monte, CA 91732. (818) 444-7079, fax (818) 444-6863

WANTED: Martian Beauty, one tube receiver. Have lots of traders and/or cash. H. K. Fredrickson, 218 Skeena Cres., Saskatoon, Saskatchewan, Canada S7K 4G8. (306) 242-9275

— WANTED —

**PICTURES FOR TELEGRAPH REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
REQUIREMENTS FOR TELEGRAPH REVIEW
ARE THE SAME AS FOR PHOTO REVIEW**

WANTED: 1920-60's amplifiers, speakers, components from radio stations, theatres, studios: 1276 tubes, JBL Hartsfield, EV Patrician, Marantz, 2A3 amplifiers - for personal collection, not resale. Can call collect. Will trade single-plate 2A3's or 301A's N.O.S. tip/brass (+cash or other tubes) for CG851/VT41, 845 tube(s). Mike Somers, 852 W. Aldine #1, Chicago, IL 60657. (312) 868-1696

FOR SALE: Channel Master 6506, 6-transistor with box, leather cover, etc., red - \$45. Sunoco custom blended gas pump, 6-transistor, N.I.B. - \$50. Emerson 157 Deco, white Plaskon with black back, working - \$95. **WANTED:** RCA 103 tapestry speaker in mint to excellent condition. All items F.O.B. Swarthmore. Sam Mannino, PO Box 233, Swarthmore, PA 19081-0233. (215) 353-6747



WANTED: Sony TR-63, any color, any condition. Marty Bunis, RR 1, Box 36, Bradford, NH 03221. (603) 938-5051

FOR SALE: Detrola 586-1 (cover of Collins II, not chromed, with handle) - \$150. Midland M6A(?) - \$45. Airline 74BR-1502 - \$80. Silvertone 7000, missing knobs - \$65. Wayne Childress, 1903 Jerome Pl., #3, Helena, MT 59601. (406) 443-7255

FOR SALE: Gonset Communicator II, Kay Electric calibrated Megasweep, RCA voltohmmyst WV-77A; all have manuals. Bill Tucker, 1965 S. Ocean Dr., Apt. 15-G, Hallandale, FL 33009. (305) 456-1349

FOR SALE: Harman Kardon F500 FM tube tuner with manuals - \$60. Fred Campos, 1113 S.E. 30th St., Cape Coral, FL 33904. (813) 540-0481

WANTED: 30 tube Scott Philharmonic radio; prefer with cabinet. Robert L. Schoenbeck, 9301 Texhoma Ave., Northridge, CA 91325. (818) 993-7174

FOR SALE: Radio schematics - \$2.50. Vintage TV converters/boosters - \$5. Federal Selenium Rectifier Handbook - \$10. Dick Oliver, 28604 Schwam Dr., Elkhart, IN 46517. (219) 522-4516

FOR SALE: Hallicrafters S85, good condition - \$75. Buyer pays packing and shipping. Jim Barrows, W7BCT, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

WANTED: By a long shot - does anyone have an instruction manual for a Western Electric J54701B PBX telephone test set? Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133

FOR SALE: Sears 8-transistor, Model 3212-15, Blue Mist, good but not playing - \$15 + UPS. Cleo McAlexander, Box 4, Stanleytown, VA 24168

FOR SALE: National receivers: NC-98, pristine collector grade, manual - \$165; HRO 50T-1, vg, manual - \$250. Dick Prester, 131 Ridge Rd., West Milford, NJ 07480. (201) 728-2454

FOR SALE: Transvision - outdoor neon sign, stainless steel individual letters as trademark "T" is 2 ft. H, 13W; "N" is 1 ft. H, 7"W; overall 10' 5" long; base 5 1/2"H, 5"W; 2 X 9000v-20mA transformers built in 1950 - \$500. Can take to Rochester. Walter Johns, 40 Swarthmore Rd., Wellesley, MA 02181. (617) 237-9277

FOR SALE: Operating instructions and tube list for Dayrad Ser. 14 tube checker, copy - \$3. John Schehrer, 508 Gray, Joplin, MO 64801. (417) 781-4028

FOR SALE: Rubber neck washers for Amplion AR19 horns - \$15 ppd. Pilot Bakelite, 1940 Model B2 - \$60. Jackson-Bell Peacock cathedral. **WANTED:** Pilot radios, any model, any condition; Westinghouse Models WR-206, 214, 306. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

CLASSIFIED AD NOTICE

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

WANTED: Roger Marris - Mickey Mantle radio by Stella, Yankee batter, bat and diamond dials. Allan McClure, 37 Rustic Dr., Worcester, MA 01609. (508) 756-1018

FOR SALE: Collins 75A4, KWM1, KWM2A, S-Line, Mac Bug, National NC101. Joel LeVire, 67 Derby Ave., Greenlawn, NY 11740. (516) 757-7641

FOR SALE: Rare vintage tube CB's. Drake 2A receiver, mint. Zenith F615. MFJ 422B keyer. Charles Zafonte, N1FRX, RFD 1, Box 75, Fort Kent, ME 04743. (207) 834-6273, evenings

WANTED: Grid dip meter complete set of coils. Good working cond. Don Swanson, KD4ZLD, 8070 Briar oak Dr., Pensacola, FL 32514-7830

FOR SALE: Spartan, model unknown, wood, table, 4 knobs, 6 buttons, BC, SW - \$70. Bob Puttre, 637 Stratford Rc., Baldwin, NY 11510. (516) 223-9667

FOR SALE: Zenith tombstones from my collection: 6S-128 - \$325, 5-S-127 - \$195, 6-S-229 - \$175. Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

TUBES WANTED

We need the following tubes to replenish our stock (first digit on 3 digit types is optional). You may ship your tubes to us by UPS or Parcel Post. We'll mail our check upon receipt and testing of tubes. We pay prices shown plus shipping charges. We buy all types of receiving and transmitting tubes. Send us your list for our bid.

USED GLOBE OR BALLOON SHAPE TUBES - ALL MUST TEST GOOD

WD-11*..... \$ 35.00	184..... \$ 7.00	230..... \$ 5.00	250..... \$ 40.00
WD-12*..... 25.00	UV-199*..... 13.00	233..... 4.00	256..... 6.50
WX-12*..... 20.00	UX-199*..... 11.00	240..... 8.00	280..... 8.50
112A..... 8.00	UV-201A..... 6.50	245..... 15.00	281..... 7.50
120*..... 11.00	UX-201A..... 6.50	246..... 8.00	282..... 7.50
171A..... 8.00	210..... 10.00	247..... 7.50	403KELLOG..... 20.00
183/483..... 7.00	*Tubular		

USED ST SHAPE TUBES NEEDED

01A..... \$ 5.00	6L6G..... \$ 3.50	12A..... 5.50	45..... \$ 8.00
6F5G..... 2.00	10..... 4.50	40(ST)..... 3.50	50..... 30.00
6K5G..... 2.00			

NEW TUBES URGENTLY NEEDED

O1A(ST)..... \$ 8.00	6A5/G..... \$ 10.00	6K5G..... \$ 4.00	42..... \$ 6.50
2A3..... 15.00	6B4G..... 9.00	6L6G..... 7.00	45..... 16.00
2A5..... 4.50	6F5G..... 3.50	6N6G..... 7.00	47..... 8.00
2B6..... 6.00	6F6G..... 3.00	6V6G..... 3.50	48..... 4.50
5U4G..... 4.00	6GM5..... 4.50	10..... 6.50	50..... 40.00
5Y3G..... 2.50	6J5G..... 3.00	12A..... 10.00	71A..... 7.50
5V4G/GA..... 3.00	6J7G..... 2.00	40..... 6.00	75..... 3.50

ANTIQUE ELECTRONIC SUPPLY

6221 S. MAPLE AVE., TEMPE, ARIZONA 85283 PHONE (602)820-5411 FAX (602)820-4643

FOR SALE: (6) Rider Radio manuals. SASE for list. John Uscinowski, RR #1, Box 379, Greenwich, NY 12834-9519. (518) 692-7538

FOR SALE: Books: Electricity and Electrical Engineering. Electricity and Magnetism Vol. II by Gordon, 1884, 332 pp. - \$75. Hawkins Electrical Guide #8 by Audel, 1915, 275 pp., gold-edged pages - \$15. Swopes Lessons in Practical Electricity, 1926, 694 pp. - \$20. Standard Handbook for Electrical Engineers, 1933, 2,816 pp. - \$35. Electrical Engineering by Dawes, Volume I (1927), Volume II (1934), 1,300 pp. in both books - \$15 each book. Transformer Principles and Practice 1st Ed., 1937, 210 pp. - \$20. Industrial Electricity by Nadon and Gelmine, 1939, 607 pp. - \$20. American Electricians Handbook by Croft, 1942, 1,634 pp. - \$25. AC for Technical Students by Bishop, 1943, 424 pp. - \$10. Audels Practical Electricity, 1924, 1,500 pp. - \$20. Audels Oil Burner Guide, 1947 - \$10. Synchros and Servos AN256, 1954 - \$10. Send LSASE w/58c postage for complete book list. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: Western Electric 10D horn speaker. Grebe RORN, RORQ. Large tuning knobs for Ware T. J.C. Woychowski, 291 Main St., Niantic, CT 06357. (203) 739-6579

FOR SALE: Rider Radio Manuals, Nos. 7-14 - \$15 each, plus UPS. Airline movie dial console - \$75, plus UPS. Bill Lowe, 10 Meadowbrook, Candler, NC 28715. (704) 665-2727

FOR SALE: RCA plastic AM/FM radio, two separate dials, 4 knobs, tone control - \$45. Zenith AM/FM Model M730, wood cabinet - \$40. Zenith Model 31703 A, white, AM, plastic, mint - \$25. Sylvia, green plastic, Model 614, metal mesh across front, knobs on both sides - \$35. RCA Model 3X52, brown, AM, plastic, old - \$35. All sets work. Plus shipping. John Kara, 1700 Baltimore Ave., Whiting, NJ 08759. (908) 849-4318

Bellingham Antique Radio Museum

The museum wishes to obtain more examples of pre-1927 radios.

We will pay top dollar for single pieces or entire collections.

We have some duplicate material for trade.

Please call Jonathan Winter:
(206) 734-4168

or write to us at:
1421 Saint Paul Street
Bellingham, WA 98226

MESSAGE: Will chap, believe from Arkansas, about availability of 1925 Standardyne B5 table model made in Worcester, Mass., please call or write again. Lost your phone number. Bill Lindley, 4265 Pont Dr., Bridge-ton, MO 63044. (314) 739-0722

WANTED: AK 447, 228, 567. Always want AK bread-board parts. Bob Nicholson, 3423 S.E. Long, Topeka, KS 66605. (913) 266-9473

FOR SALE: Fada 1000, all butterscotch, mint condition - Best Offer by 9/30/93. Send SASE for photo. Ron Melling, 4812 Wilcox St., Montague, MI 49437. (616) 893-1813

RATE FOR ADDITIONAL WORDS:

17¢ per word

FIRST 20 WORDS FREE!

Cash or stamps OK for small amounts.

Your payment helps to keep A.R.C. healthy!

FOR SALE: Zenith 4K035 - \$60. Watterson 527 - \$50. Mitchell - \$50. Philco 46-250 - \$40. Motorola 5X11U - \$50. Emerson big portable - \$50. Philco 40-130 - \$60. GE 408 - \$30. Detroit 579 - \$40. Zenith 5S319 - \$95. Bendix 847D - \$75. RCA 6BX63 - \$45. Federal 101 R/P - \$50. S/H extra. Polaroids dollar each plus SASE. Bud Santoro, 3715 Bower Rd., Roanoke, VA 24018. (703) 774-9153

WANTED: Hallicrafters power supply PS-500A for use with Hallicrafters SR-400 transceiver, working or not. Loren H. Dudley, KA1PRV, 14 Valley Rd., Bath, ME 04530. (207) 442-8419

FOR SALE/TRADE: Miscellaneous collectible tubes, some good, some display only. LSASE for list. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

WANTED: Unbuilt radio kit, looks like Packard Bell 5R1, preferably with clear cabinet. John Lee, 1658 E. 5th St., Ontario, CA 91764. (909) 984-4592

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Many of your old time radio favorites are available on quality cassettes at a reasonable cost. You select the shows you want and purchase them by the hour. Fast, friendly service too.

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Only \$2.00 (P & H). Send request to:

**ERSTWHILE RADIO
P.O. BOX 2284
PEABODY, MA 01960**

WANTED: Grebe audio transformers 251 and 421. Please help. Ed Bell, 5311 Wooddale Rd., Raleigh, NC 27606. Fax/phone (919) 851-1517

WANTED: DeForest Type 430 through 440 tubes for collection. Duds ok. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

FOR SALE: Cabinet; 20 radios into 12X19 outlets & fans, also built-in desk, Fada floor model - \$75. Paul Recuperero, 265 Union St., Portsmouth, RI 02871-2209

AUCTION: Quality consignments wanted for a radio auction, Saturday, October 9, 1993, at The Kentucky Inn, 525 Waller Avenue, Lexington, Ky. Low commission rates, centrally located in the Cincinnati-Huntington-Nashville area. Also, donations of unwanted radio equipment are welcome. Proceeds to MSARC, a Kentucky not-for-profit corporation. For more information or to consign items, please contact: MSARC, c/o Ron Ramirez, 811 Maple St., Providence, KY 42450. (502) 667-5440

FOR SALE: Homemade crystal sets and parts. Galena crystals - \$1. Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150

WANTED: Two Heathkit W4M power amps, and Philco 680X. Thank you. Vernon Oehlke, Box 307, Sollar Heights Rd., Ghent, NY 12075. (518) 392-4945

WANTED: The book, The Edison Cylinder Phonographs 1877-1929 by George L. Frow in good condition. James W. Walcher, 1311 Janet Dr., Wilmington, IL 60481. (815) 476-9184

FOR SALE: Silver-Marshall Masterpiece 5 in cabinet with Jensen 18" speaker - \$10K OBO. Collins 75S3B 32S1, 312B, P.S. Astatic mic - \$2K OBO. Capehart 413N, no speaker - \$750. Brook 10C amp, 2 pc. Brook preamps - \$1K. 2 pc. Jensen 18" field coil woofers - \$2K ea. 20 pc. WE KS-16575 with McIntosh transformers - \$1,000 pair. WE 111C repeat coils, N.I.B. - \$300 ea. 44 pc. 300Hz multicell horn uses JBL 375 driver (not supplied), 65 lbs. ea. - \$200 ea. 10 pc. dual 15" speaker straight horn bass bins, 5 ft. tall x 4 ft. wide - \$200 ea. unloaded. 4 pc. Altec 1218A stage monitor with 15" woofer plus 800Hz horn - \$350 ea. 20 pc. RCA XL100 25" color TV with CCTV, phono, inputs, audio, video bridging - \$100 ea. 100 pc. 50 watt autoformers for line to speaker - \$50 ea. 2 pc. antique (1977) IVC videotape recorders - \$30,000. New asking - \$1,000 ea. RCA Model 70 broadcast turntable with gray arm - \$400. 100 pc. 8" woofer & coaxial tweeter, good for auto or ceiling mount - \$10 ea. Lots more, send specific audio wants. I want WE audio broadcast gear. V. Vogt, 330 S.W. 43rd St., #247, Renton, WA 98055

FOR SALE: We have recently purchased over 50 radios from private collection, increasing our inventory to over 150 radios. These include many desirable machine-age styled Bakelites, wood tabletops, mid-gets, early transistors, etc. A complete photo catalog is available. Send a LSASE plus \$1 to: Radiomania, 2109 Carterdale Rd., Baltimore, MD 21209

FOR SALE: Twenty-four new old stock radio tubes, tube type 615 - \$25 ea., lot for - \$450. Richard S. Lambert, 166 E. 34th St., Apt. 13H, New York, NY 10016. (212) 684-6564, eves.

WANTED: Music-speech-off switch and band/frequency dial disc for RCA 9K2 console. John Osborne, 2 Lake St., Winthrop, ME 04364. (207) 377-2519

WANTED: Westinghouse DA, with or without cabinet; tube hi-fi equipment. **FOR SALE:** AK M horn, no base, nice - \$30. Radiocraftsmen RC10 tuner, broken glass - \$15. Bozak B300 floor-standing speaker (1 only), ca. 1960, nice - \$95. Al Wirtenberg, 15 Wilson Rd., Weston, CT 06883. (203) 544-9270, voice/fax to 10 pm EDT

FOR SALE: Old Merit Television and other transformers; panel and bench meters; tube sockets, some numbered. SASE please. Chuck Vaccaro, 708 Booth Ln., #S, Ambler, PA 19002-5014. (215) 646-3641

FOR SALE: Jensen 12-inch electrodynamic speaker, small tear in cone, otherwise OK - \$75 includes freight. S. Imms, 51a Old Shannock Rd., Wakefield, RI 02879. (401) 783-5387

WANTED: APCO twin tube w/box, 20 turn Giblin-Remier horeycomb. Top dollar paid. Leonard J. Arzooonian, 81 Columbus Ave., North Providence, RI 02911. (401) 232-0869

WANTED: U.S. Navy Reproducer 78 rpm record player for WWII era. Large two piece gray box w/speaker in lid. Nigel, PO Box 1400, Boulder Creek, CA 95006. (408) 338-7227

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Top collector in the U.S.
is seeking the following
Catalin radios:

- ♦ Motorola - all models and colors.
- ♦ Early Fada - L-56, 136, 53, 5F50, 5F60 - all colors.
- ♦ Fada Bullet (115, 200, 1000) or Temple (252, 652) in green or blue.
- ♦ Arvin, Crosley, Detro'a and Symphony - all colors.
- ♦ Emerson AU-190, BT-245 or 375 in green, red or blue.
- ♦ Garod 126 - all colors.

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FULL RANGE ELECTRON TUBE SHOP - HONG KONG

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McIntosh MC275, 225, 240, MI200, C8, C11, C22, MR67, MR71, Marantz 1, 2, 3, 4, 5, 6, 7, 8B, 9, 10B, Fisher Model 80AZ, 100, 200, 50AZ, or any brand.

— TUBES WANTED (NEW OR USED) —

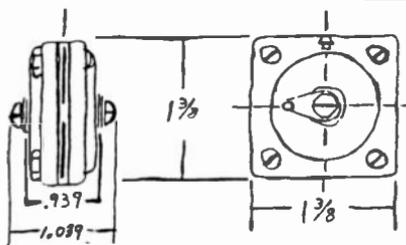
KT66, KT77, KT88 (British made), EL34 Mullard or Ampex, 12AX7, 12AT7, 12AU7 Telefunken, Ampex Bugle Boy, 7728, 7729, 7591, 8005, 811A, 2A3, 6A3, 6B4G, PX4, PX25, DA30, EL156, EL37.

Jonathan Woo Yik Fan Tel: (852)-771-5957
Fax: (852)-771-5850

WANTED: Non-working Philco chassis Model No. 38/62 or 37/62, no tubes, and no cabinet. Send prices plus shipping. William E. Russell, Russell Sound Systems, 720 College Dr., San Jose, CA 95128-2812. (408) 295-7110

WANTED: Model 157 tube tester, in fair condition, by Accurate Instrument Co., reasonable. Larry R. Cook, 362 E. South St., Richland Center, WI 53581

FOR SALE: Hallicrafters S38E, fair condition—\$40 plus shipping. Susan Tellez, KD4NBD, 884 W. 105 St., Marathon, FL 33050. (305) 743-4938



WANTED: Bileil crystal as shown. Type SMC100, 100 and 1000Kc. Dual frequency crystal provides either 100Kc or 1000Kc source. In recommended circuit 1000Kc is within $\pm .05\%$ and 100Kc can be adjusted to zero beat. Excellent for alignment of radio receivers. Loren H. Dudley, KA1PRV, 14 Valley Rd., Bath, ME 04530. (207) 442-8419

FOR SALE: N.O.S. and used radio and TV tubes, no picture tubes, send LSASE for lists. C. Elmer Nelson, 11 S. Church St., Princeton, IL 61356

FOR SALE: Hard-to-find knob felts: 3/4" — \$6; 1" — \$7; 1 1/4" — \$8. Prices are ppd. per quantity 100. Gary B. Schneider, Play Things of Past, 9511-23 Sunrise Blvd., Cleveland, OH 44133

WANTED: (2) transistor radios and Globals, Zephyrs, Zeniths 500H, L.N. Bob Lane, 10352 Mohawk, Leewood, KS 66206. (913) 648-5296

FOR SALE: Emerson 544, wood table radio, nice — \$50 plus UPS. Sony TFM 6100 transistor radio and North American Model 111A with earphone and original box and manual — Make Offers. **WANTED:** Zenith C835R AM/FM table radio. RCA Victor 6-XY-5 A/B, any condition. Al Manieri, 384 Bates St., Phillipsburg, NJ 08865. (908) 454-3699

FOR SALE: Tube type parts in U.S.A. only. Send stamp and request Vintage Flyer. Bigelow Electronics, PO Box 125, Bluffton, OH 45817

WANTED: Motorola clock radio Model 57 CF Series; schematic for RCA Institutes signal generator kit. Al Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

WANTED: SABARadios, stereos, speakers. Daryl Jorud, R #1, Box 180, Battle Lake, MN 56515. (218) 864-5725

FOR SALE: Handsome red 1955 RCA table radio Model 4-X-552, nice condition, (Bunis, p. 126) — \$40 plus ship. Larry Mitchell, 7963 Depew St., Arvada, CO 80003. (303) 428-8760

FOR SALE: Rider's TV Manuals, 23 in all, 4 thru 25, only — \$200 plus shipping. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

FOR SALE: Zenith collectors cross-reference manual. Model-chassis-serial number-production dates. Quantity produced each model, each chassis 1929-1948 — \$15 ppd. William Hulbert, PO Box 151, Adams Center, NY 13606. (315) 583-5765

WANTED: Dial glass for Brand and Millen Model DR101U or PR102U, plus any info. Chris Williams, 12 Woodway Trl., Toronto, Ontario, Canada M8Y 2B8. (416) 233-4807

WANTED: Raytheon RK6248. WWII radar equip. **FOR SALE:** Sams misc. TV TSM, TR, CB. LSASE for list. J. Krajovic, 546 Sheridan, Pittsburgh, PA 15206

FOR SALE: Zenith Cobra tone arm record demonstrator — \$35/offer. Carl Steinberg, 5 Cannan Rd., Monsey, NY 10952. (914) 352-0701

FOR SALE: DeWald 501 (Harp) Catalin, apricot color. Table cabinet for AK Model 74. Leo Vanderpot, 765 N. Broadway (17D), Hastings, NY 10706. (914) 478-4092

WANTED: Atwater Kent metal can cased breadboard tuning condensers, any color or condition. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

One Month Free!

BONUS FOR EARLY RENEWALS

If you renew **before** the month shown on your mailing label (your expiration month), you will receive an extra month on your subscription: 13 months instead of 12! 26 months for an early 2-year renewal!

FOR SALE: Hallicrafters 7" TV Model 505, 110v Edison Voice Writer dictating machine with 2 wax clys. in boxes. Conar test equipment, scope and probes Model 250 — \$75. Transistor tester #214 — \$20. VTMV #211 — \$25. 1960 Superior tube tester and wood case #TW11 — \$40. Complete NRI Communication Course Books 1968 Edition — \$30. Complete Motorola 2 Way FM Course Books — \$25. R/C trans and rec and servos, citizenship proportional Model NPT — \$75. All plus shipping. Ed Andres, 4014 Cambridge Dr., Decatur, IL 62526. (217) 877-8254, leave message



WANTED: Bulova 250 series. Any color, any condition. Marty Bunis, RR1, Box 36, Bradford, NH 03221. (603) 938-5051

FOR SALE: 1963 Panasonic walnut cabinet AM/FM table radio, vg exterior, excellent working, very attractive 60's radio — \$40, includes UPS in U.S.A. 1950's Sure Bros. microphone Model CR80M, good, original, used — \$15 includes UPS in U.S.A. Jasper Le Farre, 17 Seldin Ave., Staten Island, NY 10314-2722. (718) 761-6559, 981-1218

FOR SALE: Dickerson lap guitar with matching amplifier in green celluloid type finish - \$150 plus SH. Mike Keller, 5861 Riverton Rd., Columbus, OH 43232. (614) 866-7725

FOR SALE: Gonset Communicator 3; this is a two-meter transceiver, very clean/good condition, and serviced - \$124.95 plus shipping. Northwest Electronics, 2509 West 11th, Eugene, OR 97402. (503) 485-3016

WANTED: Info: Heath GR-21, GR-36, IO-11, HR-10; Lafayette HE-30; RCA Q190. Will reimburse. Thanks. Mike Harla, N2MHO, 1337 Norris Dr., Vineland, NJ 08360. (215) 843-8628

WANTED: 10-inch speaker 600, alum. field coil from a pump, pull system 6K6-ect. John Porter, 701 N. Main, Osceola, IA 50213. (515) 342-6220

FOR SALE: Two military type tube testers, both look and operate like they are brand new, both have been checked by an expert. One is a TV-7A/U, which has been reconditioned by Supreme Instruments Co.; it has been modified, so that it is exactly the same as the "B" model - \$110 plus shipping, 22#. The other tube tester is a TV-10D/U, very similar to the TV-7, except that it has a roll chart for tube test data instead of a booklet and it has additional tube test sockets - \$145 plus shipping, 25#. Elmer H. Thom, 11717 Kingfisher Ln., Saint Marys, OH 45885-9335. (419) 394-1104

WANTED: Emerson 888's in excellent or better condition. Harold S. Triebe, 644 8th St. N, Hudson, WI 54016. (715) 386-2098

FOR SALE: AK lamp, no shade - \$100. J. L. Wilson, 2007 Water Edge Dr., Birmingham, AL 35244

FOR SALE: Rider's 1-5 abridged + 4 thru 17, index 1-10 - \$275 includes shipping in 48 states. Don Howland, 4621 W. Shawnee, Spokane, WA 99208. (509) 466-0939

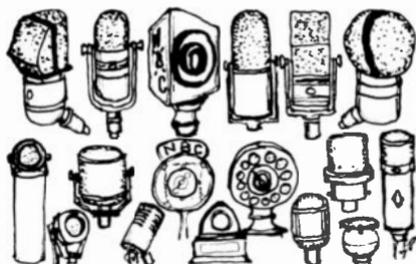
FOR SALE: Rider's Radio Volumes 1 through 21 with indexes - Best Offer until NEARC show in October, can bring to show. Frank D. Atwood, 117 E. Main St., Merrimac, MA 01860. Phone or fax (508) 374-1030

FOR SALE: Communications gear: Hallicrafters S2-24, S-27, S40-B, S-72R, RE-1, SX 17. NC-50, NC-60 speaker. NC black krinkle speaker. Hallicrafters base reflex speaker. Utah 15" P.M. speaker. Super Pro BC-1004. Hallicrafters SR-150 complete. Collins Autotune with manuals. ART-13 calibration book. Booton RX meter and manual. \$1 and stamp 'or photo. Bill Coolahan, 1450 Miami Dr., Cedar Rapids, IA 52402. (319) 393-8075

FOR SALE: Tube tester, Triplet Model 3413, excellent condition w/instructions and supplementary tube data sheets - \$45 plus UPS. Ralph Michelson, KG6HW, 4538 Golf View Dr., Brighton, MI 48116. (313) 229-8339

FOR SALE/TRADE: For swap or BO: Pair Electro-Voice A20CL Circlotron amps, pair Dynaco PAM-1, Jensen 12" Alnico 5, H.H. Scott 340, Eico HF12, Stromberg Signet 70, Heath WA P2, Tung Sol 6550, GLKT88, GL KT66, Fisher X202B, Clapp-Eastham Type D tuner, Demco satellite tube CB 5 piece, University C15W, Deluxe signal shifter, pair Dyna A410 new, Stancor A-8053 pair. **WANTED:** Brook 12 amp, General Radio Type 285 audio xfmr, DeFo'est unit panels blank or otherwise, UTC LS55 audio xfms, Collins radio equipment, and Leslie parts. Michael Payne, 803 S. Taylor, Alvin, TX 77511. (713) 331-9217

FOR SALE: Coronado 43-8180, nice ivory refinish, complete, plays - \$35. Admiral 7T10E-N, v. good, plays, (Bunis II, p. 9) - \$35. Crosley D-25-BE, (Bunis I, p. 50), very nice bluish gray original finish radio, plays, clock works sometimes, hairline on clock lens cover, easily replicated - no cracks or chips - \$90 UPS extra. Lloyd (Bud) Noel, 494 Clark St., Galesburg, IL 61401. (309) 342-2825



WANTED
FOR MY BROADCASTING MUSEUM

Microphones, stands, call letter plates. Tube amplifiers, mixers, compressors, Hi-Fi equipment. Speakers, on-air lights, equalizers. Disk, wire & tape recorders. Blank recording disks. Catalogs, magazines, manuals. 16" transcriptions, turntables, arms, pickups. Early TV cameras & receivers. Elaborate console, deco, plastic, mirror, novelty & wireless radios. Jukeboxes & parts. Acoustic phonographs.

We are looking for all makes of equipment, and especially Western Electric, Telefunken, Neumann and RCA. The museum contains various duplicates and items surplus to our needs, and many of these articles are available for sale or trade. The collection is located in my Victorian seaside inn, The Caffrey House, situated on a bay next to the ocean, in the Southampton resort area of Long Island. A trade of equipment for a stay at the hotel is always encouraged.

Robert Van Dyke, 2 Squires Ave., East Quogue NY 11942
516-728-9835

WANTED!

★ 1920-1924 Battery Sets ★

Amrad, Clapp-Eastham, Cutting & Washington, De Forest, Federal, Grebe, Kennedy, Marconi, Paragon, Radiola, Tuska, AK, Leutz, Crosley, Crystal Sets, and Horn Speakers.

Serious collector. Will consider others and entire collections. Can travel.

Ed Bell - 5311 Woodsdale Rd.
Raleigh, NC 27606
FAX/PH: 919-851-1517

FOR SALE: Motorola Pixie (Bunis II, p. 116) - \$150. Crosley 10-137 (Collins II, p. 87), yellow - \$125. Crosley 10-138 (Collins II, p. 87), maroon - \$90. Crosley 58TW (Bunis II, p. 51 - \$45. Zenith Sailboat AM 6G601M - \$50. Sonora (Blast, p. 299) - \$50. Emerson EC301 (Collins I, p. 54 - \$45. Philco cathedral 39-70 (F.O.S., p. 120) - \$60. Hallicrafters S-39 - \$50. Two Army surplus transmitters BC-458, new - \$45. Small Webster-Chicago microphone, Deco - \$40. Robert Lutz, 9041 Gillette St., Lenexa, KS 66215. (913) 894-1327

FOR SALE: Heathkit #DX-60B with VFO unit - \$60. Heathkit #HR-10B SW, untested - \$40. Zenith 7S-633 chassis for parts - \$10. Ross Magnifique 15 transistor, 5-band no reception amp works, looks great - \$20. Raytheon MW-3 walkie-talkie, works - \$18. Realistic AM/FM tuner and amp - \$60. Bret F. Johnson, 13495 102nd Ter. N, Largo, FL 34644. (813) 595-9287

WANTED: Zenith cobra plastic phonotone arm. Thanks! Jim Downes, 607 East 12th Ave., Covington, LA 70433. (504) 893-7057

FOR SALE: Paragon RA-10 - \$550. RCA 54B5 portable, Catalin front, gold-plated sides - \$125. Crosley Oracle - \$500. Karola coin-operated radio - \$35. Gem toy microphone, original box - \$25. **WANTED:** Rare or unusual horn speakers, one tube sets, first Motorola car radio and bicycle radios. Will pay cash or have good horns and radios for trade. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

FOR SALE: Grandfather clock radios. Crosley 59. Westinghouse WR-8-R. (2) Crosley Playtime 124, (1) Philco 70. Will consider trade for grandfather I don't have, or any radios of interest. Call or write with models. Also need advertising items and any other information you may have on them. Also need information to where I could find glassware for Philco console bar radio and any information and any advertising items. Thank you very much!! Please call. Jim McCoy, 3116 Dry Creek Rd., Granville, OH 43023. (614) 366-3045

WANTED: Patricia 4, RCA 2A3, 80, 83, 59 amp and these tubes. Tom Morgan, 1021 Claremont St., Lincoln, NE 68508. (402) 475-2510

FOR SALE: Addison 5, red with yellow trim - \$1,700. Will consider good Predicta or Jacobs model Coke machine as part trade. Cliff Schwartz, 3212 Corral Cr., Westbank, British Columbia, Canada V0G 2A0. (604) 768-9504

FOR SALE: Kenwood R-500, very clean, has optional 550/AM/CW filters - \$700. Complete utility DX setup. Includes ICOM R71A receiver, Universal M-900 Decoder, has video/fax option, Sitor, Selcal, RTTY and CW (Morse Code). Excellent piece of equipment. Video monitor and all connecting cables are included. A \$2,000 value, all for \$1,200 plus shipping. I have logged over 125 countries with this rig. All manuals are included. Classic Hallicrafters receivers: SX 85, good condition - \$120. Hallicrafters Sky Buddy, rebuilt, excellent condition - \$75. Zenith Royal 250, N.I.B., clean - \$100. Royal 500, some corrosion - \$35. Channel Master 6510, very clean - \$35. Call. Terry Kelly, 1136 Winding Ridge Rd., Santa Rosa, CA 95404. (707) 527-7457

FOR SALE: Uher 4400 IC stereo professional portable reel-reel tape recorder, operates on 5 D cells or with AC adapter - \$125. Call or write for details. S&G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

FOR SALE/TRADE: Thinning out my collection. Catalogs to phonographs and unusual plastics. Most items first time offered. Send SASE for free list. Every item is photographed. **WANTED:** Beetle plastic radios. Mark Alzapiedi, 21 Peach Tree Ln., Leominster, MA 01453. (508) 840-0466

WANTED: Neutrodyne Malone-Lemon or Radio Service Laboratories R-212. Will pay top dollar. Mike Molnar, 134 Observatory Rd., Glen Gardner, NJ 08826. (908) 638-6553

FOR SALE: Rider manuals, 1-5 abridged, 6 thru 15 - \$150 plus shipping. Dick Lerche, 1561 Bluebell Ct., Livermore, CA 94550. (510) 447-9365

FOR SALE: Seeburg jukebox amplifier (78). Several jukebox repair manuals including "Singing Tower". Philco 1966 Mustang model promo radio. Zenith R500 hand-wired 7X. Turner lavaliere microphone 82-3H. Regency TR5C. Raytheon 8TP2, brown leather. Motorola X48E. Motorola X11E. (A.R.C., April '93, p. 6) w/ logo factory installed upside down. RCA 4RG51. Seminole 1010. Windsor 2013. Crown TR333 black w/black behind clear front. Toshiba 6P-15. GE detachable set (A.R.C., July '93, p. 15). Computron binocular radio. Budweiser radio. Sonic TR99. Bradford, sme as Realtone (A.R.C. April '93, p. 4). Many mini metal tape recorders. Thank you. Robert Rogers, 1407 Riverside Rd., Old Hickory, TN 37138. (615) 847-2475, 4 pm CST

WANTED: Are you going to the AWA convention at Rochester, N.Y.? I will be there to buy your excess inventories of 1920 to 1940 radio parts and tubes. Need all types of parts, whether new or used. Prefer items of multiple quantity but individual items ok. Also buying all types of transformers. If you wish to call me by phone before the meet, please call late at nite - 9:30 pm to 11 pm EST. Gary Schneider, 9511-23 Sunrise Blvd., Cleveland, OH 44133. (216) 582-3094

FOR SALE: Gibson BR3 amplifier - \$225. Gibson Saturn GA-45 RVT amplifier - \$175. Western Electric KS-16547-L1, 6V6 outputs - \$100. KS-16608-L1, 6L6 outputs - \$150. KS-19602-L1, 25 watt, by McIntosh - \$250. Heathkit AA-10, 35 watt mono - \$95/pair. AA-61, 14 watt, mono - \$50/pair. Dynaco ST-70, missing power transformer and circuit board, good chrome, w/ cage - \$75. Western Electric 100F loudspeaker set - \$30. Heathkit Audio wattmeter 5 mW to 50 W - \$25. Norelco Protelgram projection TV mirror assembly - \$45. RCA MI-1428B, speaker mechanism, field coil - \$75. Paeco amplifier, mono, 6550 outputs - \$65. University 4404 dual tweeter - \$40. Pitotone AA-902A, rough - \$20/pair. Atwater Kent Model H speaker horn only, no driver - \$20. Stancor patted output transformer, 15 watt, PP plate 4,000-14,000 ohms, have 9 - \$10/ea. Brian Dunlop, 314 Stetson Dr., Cheyenne, WY 82009. (307) 778-4101

FOR SALE: Bright red "Tynymite" crystal radio (Collins Redux) in excellent condition, assorted other "Tynymite" radios in black. Sodian radio (Connecticut Tel. & Tel) with amp, AK 9 breadboard (rarer, short board style), Motorola 1241 and 1041 consoles, Zaney-Gill and other small tombstones/cathedrals, Philco 37-690 console in near mint condition, Amrad 3500 battery set, Chelsea separate radio and amplifier (early Armstrong tags), Chicago folding loop antenna, Motorola console with clock and motor drive. Philco 49-501 boomerang, etc. Please write or call. Rain Buttingnol, 214 State St. #7, Portsmouth, NH 03801. (603) 427-1384



COMING RADIO EVENTS

INDIANA – Aug. 28

INDIANA HISTORICAL RADIO SOCIETY
SUMMER SWAP MEET

Elkhart, IN – High Dive Park
Pavillion Parking Lot, 500 E. Beardslee Ave.
3 mi. South of Indiana Toll Rd. Exit

8:30 am-3 pm – Swap & Sell
10-11:30 am – Silent Auction

Info: Ross Smith – (219) 295-7770

TENNESSEE – Sep. 4

MUSIC CITY VINTAGE RADIO &
PHONOGRAPH SOCIETY
MEETING

Nashville, TN – Grand Ole Opry House,
Studio A; park behind TNN, and
enter through backstage area.

4 pm

RSVP: Wade Jessen – (615) 871-6764,
or (615) 227-3464

TEXAS – Aug. 28

VINTAGE RADIO & PHONOGRAPH
SOCIETY
ALL-DAY SWAP MEET

Irving, TX – East Senter Bldg.
9 am – Starts

Info: VRPS, PO Box 165345
Irving, TX 75016

NEW YORK – Sep. 5

GREATER NEW YORK VINTAGE
WIRELESS ASSOCIATION
SWAP MEET

Lake Ronkonkoma, NY – 12 Garrity Ave.
9-12 am

Info: Steve Conklin – (516) 324-3012 or
Chris Bacon – (516) 981-6538

WISCONSIN – Aug. 28

WESTERN WISCONSIN ANTIQUE
RADIO COLLECTORS CLUB
HOBBY ELECTRONICS MEET

Onalaska, WI – Onalaska American Legion
9 am - ? – Swap Meet

Info: Dave Wiggert, N9TMY
(608) 784-2096

TEXAS – Sep. 7

HOUSTON VINTAGE RADIO ASSOC.
MEETING

Houston, TX – Astrodome Marriott
2100 South Braeswood
7-10 pm

Info: Richard Collins, 8722 Reamer St.
Houston, TX 77074 – (713) 778-0271

KANSAS – Aug. 28

MID-AMERICA ANTIQUE RADIO CLUB
ESTATE AUCTION

Topeka, KS – 2264 Hope St.
10 am

Info: SASE: MAARC, 1161 S.W. Mulvane
Topeka, KS 66604

ARKANSAS – Sep. 9

ARKANSAS ANTIQUE RADIO CLUB
MEETING

Little Rock, AR – The Auditorium
S.W. Bell Bldg., 120 W. 8th Street
7 pm

Info: Tom Burgess – (501) 555-1750

ARKANSAS – Sep. 2

ANTIQUA RADIO COLLECTORS CLUB
OF FT. SMITH
CLUB MEETING

Ft. Smith, AR – St. Luke's Church,
Waldron Road
at Free Ferry
7:30 pm

Info: Illa Davenport – (501) 785-4929

NEW JERSEY – Sep. 10

NEW JERSEY ANTIQUE RADIO CLUB
MEETING

Freehold, NJ – Grace Lutheran Church
West Main St. & Park Ave. (old Rt. 33)
7:30-9:30 pm – Meeting & Swap

Info: Don Cruse – (908) 542-2848
Tony or Kathleen Flanagan – (908) 462-6638

OKLAHOMA - Sep. 11

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Spencer's Barbeque
NW 63rd and May Avenue

6 pm - Dinner

7 pm - Grebe by Jim Collings

Info SASE to: OKVRC, PO Box 72-1197

Oklahoma City, OK 73172-1197

Karen McCoy - (405) 722-0595, or

Jim Collings - (405) 755-4139, evenings

MISSISSIPPI - Sep. 12

MISSISSIPPI HISTORICAL RADIO AND BROADCASTING SOCIETY MEETING

Meridian, MS - 2412 C Street

2 pm

Info: Randy Guttery, 2412 C. St.
Meridian, MS 39301 - (601) 693-5958

OREGON - Sep. 11

NORTHWEST VINTAGE RADIO SOCIETY "BACK TO THE PAST" SHOW & SALE

Portland, OR - Multnomah Art Center,
S.W. Capitol Hiway & 32nd Street
(in the heart of Multnomah Village)

9:30 am - 2 pm

Large Vintage Radio Swap Meet
Phonographs featured

Info: Sonny Clutter - (503) 254-9296

OHIO - Sep. 12

BUCKEYE ANTIQUE RADIO AND PHONOGRAPH CLUB MEETING

Brunswick, OH - Brunswick Library
3649 Center Rd. (Rt. 303)

1:30-4 pm

Info: Jim Davison, 4958 E. 86th St.,
Garfield Heights, OH 44125 - (216) 441-3471

WEST VIRGINIA - Sep. 11

ANTIQUERADIO CLUB OF AMERICA MUSEUM OF RADIO & TECHNOLOGY ALL DAY MEET

Huntington, WV - Museum of Radio & Tech.

7:30 am - Museum Open - Tours All Day

8 am - Traders Market Open

9 am - Classroom Seminars

"How to Help Your Museum Grow"

Radio Restoration - Collecting Tips
Proper Display Techniques

"14th Street Antique Shop" Tour

12:30 pm - Museum Covered Dish Dinner

1:30 pm - Auditorium Grand Auction

Info: Geoffrey Bourne, 405 Eighth Ave.

St. Albans, WV 25177 - Home: (304)

722-4690 - Museum: (304) 525-8890

ILLINOIS - Sep. 13

BELLEVILLE AREA ANTIQUE RADIO CLUB MEETING

Belleville, IL - Belleville Area College

7 pm

Meeting Topic: Favorite Radio

Info: Karl Stegman, 4 Cresthaven Dr.

Belleville, IL 62221 - (618) 234-7992

GEORGIA - Sep. 14

SOUTHEASTERN ANTIQUE RADIO SOCIETY MEETING

Chamblee, GA - Shoneys Restaurant
Peachtree Industrial,
1 mi. North of I-285

6:30 pm - Meeting: Tube Portables

6 pm - Mini Meet before monthly meeting

Info: Charles Pierce - (404) 233-1340, or
David Martin - (404) 578-1270

COLORADO - Sep. 12

COLORADO RADIO COLLECTORS SECOND ANNUAL ANTIQUE RADIO EQUIPMENT AUCTION

Denver, CO - Southwest Bank Building
1380 South Federal, Back Parking Lot

1 pm - Registration

Radios, Televisions, Test Equipment,
Speakers, and "Stuff" Expected!

Info: Dick Hagrman - (303) 794-6674

OHIO - Sep. 14

ANTIQUERADIO COLLECTORS OF OHIO MEETING

Kettering, OH - First Natl. Bank Basement
4100 Far Hills Avenue
SE corner of Far Hills Ave. and Stroop Rd.

7:30 pm - Day-Fan

Info: Stan Kleen, 200 Castle Drive
Dayton, OH 45429 - (513) 293-3194

Listings on these pages are free to antique radio clubs, as space permits. Please include date, time, where, directions, & information/contact person. Submission Deadline - 5th of month.

PENNSYLVANIA - Sep. 14

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING - SWAP MEET - AUCTION

Souderton, PA - 117 Main St.
N. Penn Amusements Building

7:30 pm

Info: Radio Attic, PO Box 624
Lansdale, PA 19446 - (215) 368-2520

CALIFORNIA - Sep. 15

SACRAMENTO HISTORICAL RADIO SOCIETY MEETING

N. Highlands, CA - SMUD Foothill Service
Center, Room D, 5026 Don Julio

7-9 pm

Info: Secretary SHRS, PO Box 162612
Sacramento, CA 95816

NEW YORK - Sep. 16

HUDSON VALLEY ANTIQUE RADIO AND PHONOGRAPH SOCIETY/ARCA MEETING

Goshen, NY - Cataract Firehouse, Main St.

7-9 pm

Info: John & Linda Gramm, Box 1, Campbell
Hall, NY 10916 - (914) 427-2602, 6-9 pm

TEXAS - Sep. 18

VINTAGE RADIO & PHONOGRAPH SOCIETY MEETING

Irving, TX - 906 Senter St.

4 pm - Swap; 5:30 pm - Meet

Info: George Potter - (214) 325-2553

CALIFORNIA - Sep. 18

CALIF. HISTORICAL RADIO SOCIETY SWAP MEET & PICNIC

Fairfield, CA - Western Railroad Museum
8 am

BBQ - Train Museum Tours - Bring Family

Info: Paul Bourbin - (415) 648-8485

RHODE ISLAND - Sep. 18

N.E. MUSEUM OF WIRELESS & STEAM YANKEE STEAM-UP

East Greenwich, RI - 697 Tillinghast Rd.,
Exit 8 from I95, South on Rt. 2,
to Frenchtown Rd., go West 1 mile

Radio Museum open - Live steam

Info: Bob Merriam - (401) 884-1710

MARK YOUR CALENDAR

Aug. 28 - IN, Elkhart - IHRS Swap Meet*
Aug. 28 - KS, Topeka - MAARC Auction*
Aug. 28 - TX, Irving - VRPS Swap Meet*
Aug. 28 - WI, Onalaska - WWARCC Meet*
Sep. 2 - AR, Ft. Smith - ARCCFS Meeting \$*
Sep. 4 - TN, Nashville - MCVR&PS Meeting*
Sep. 5 - NY, Lake Ronkonkoma - GNYVWA \$*
Sep. 7 - TX, Houston - HVRA Meeting \$*
Sep. 9 - AR, Little Rock - AARC Meeting \$*
Sep. 10 - NJ, Freehold - NJARC Meeting \$*
Sep. 11 - OK, Oklahoma City - OKVRC Meeting \$*
Sep. 11 - Ontario, Toronto - OVRA Meeting
Sep. 11 - OR, Portland - NWVRS Show & Sale*
Sep. 11 - WV, Huntington - ARCA/WV Meet*
Sep. 12 - CO, Denver - CRC Auction*
Sep. 12 - MS, Meridian - MHR&BS Meeting \$*
Sep. 12 - OH, Brunswick - BARPC Meeting*
Sep. 13 - IL, Belleville - BAARC Meeting \$*
Sep. 14 - GA, Chamblee - SARS Meeting \$*
Sep. 14 - OH, Kettering - ARCO Meeting \$*
Sep. 14 - PA, Souderton - DVHRC Swap Meet \$*
Sep. 15 - CA, N. Highlands - SHRS Meeting \$*
Sep. 16 - NY, Goshen - HARPS Meeting \$*
Sep. 18 - CA, Fairfield - CHRCS Swap Meet/Picnic*
Sep. 18 - Ontario, London - LVRC Meeting
Sep. 18 - RI, E. Greenwich - Yankee Steamup*
Sep. 18 - TX, Irving - VRPS Meeting \$*
Sep. 19 - MD, Burtonsville - MAARC Meeting \$*
Sep. 19 - WA, Seattle - PSARA Meeting \$*
Sep. 22-25 - NY, Rochester - AWA Conference*
Sep. 25 - NE, Kearney - NARCC Auction*
Sep. 27 - AL, Birmingham - ALHRS Meeting \$*
Sep. 28 - OH, Dayton - SPARKS Meeting \$*
Oct. 2-3 - NE, Nebraska City - Radio Days*
Oct. 9 - AL, Decatur - SVWA Swap Meet*
Oct. 9 - FL, Orlando - FAWG Meet \$*
Oct. 9 - KY, Lexington - MSARC Swap Meet*
Oct. 10 - IL, Elgin - ARCI Meeting*
Oct. 12 - CA, Redding - CHRCS-NVC Meeting*
Oct. 13 - MO, St. Louis - ARCH Meeting \$*
Oct. 15-17 - TX, Irving - VRPS/AWA '93*
Oct. 17 - Alberta, Edmonton - AVRS Meeting
Oct. 23 - FL, Orlando - FAWG Meet/Auction
Oct. 23 - NJ, Hightstown - NJARC Flea Market
Oct. 23 - NY, Middletown - HARPS Show
Oct. 23 - NC, Greensboro - VRUS Show
Oct. 30 - NH, Nashua - NEARC Meet
Oct. 30-31 - OH, Akron - BARPC Mall Show*
Nov. 6 - CA, Redwood City - CHRCS Meet
Nov. 7 - NY, Rochester - AWA Meeting
Nov. 19-21 - CA, Norwalk - SCARS Meeting
Dec. 4 - TX, Irving - VRPS Christmas Cheer
Dec. 12 - Alberta, Edmonton - AVRS Meeting
Jan. 15 - NH, Nashua - NEARC Meet

* See expanded listing this month. \$ Monthly Meeting

WASHINGTON - Sep. 19

PUGET SOUND ANTIQUE RADIO ASSN. MEETING/SWAP MEET

Seattle, WA - Shoreline Museum
749 North 175th St. & Linden Ave.
1 mile West of I-5, Exit #176

12 noon

Talk by Capt. Viggo Conradt-Eberlin

Info: Al Atworth, PO Box 125

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meet others in the hobby, and perhaps
find an item or two for your collection!*

MARYLAND – Sep. 19

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Burtonsville, MD – New Hope Seventh Day
Adventist Church – 2 pm

Info: Lloyd Kendall, 1312 Deep Run Ln.
Reston, VA 22090 – (703) 471-6143

NEBRASKA – Sep. 25

NEBRASKA ANTIQUE RADIO COLLECTORS CLUB AUCTION

Kearney, NE – Cottonmill Lake Lodge
2 pm

Info: Steve Morton – (308) 534-4778

NEW YORK – Sep. 22-25

ANTIQUA WIRELESS ASSOCIATION 32rd HISTORICAL RADIO CONFERENCE

Rochester, NY–Thruway Marriott Hotel–(716) 359-1800

FLEA MARKET

ALL DAYS: Sep. 22, 6 am thru Sep. 25, 5 pm

WEDNESDAY – SEP. 22

2 pm – News for SWLs with Bart Lee

4 pm – Key & Telegraph Special-Interest
Group Meeting w/speakers: Roger Reinke,
Tom French, Bill Holly and Murray Willer.
Show & Tell session: Bring unusual keys
and 35mm slides of unusual keys.

7-9 pm – AWA Museum open, Bloomfield

THURSDAY – SEP. 23

8-9 am – Comm. Equip. Auction Check-in
8 am-5 pm – Book Fair

8:30 am – Bus to AWA Museum departs

9-11 am – AWA Museum open

9 am – Comm. Equipment Auction

11 am – DXing w/Westinghouse RC Rcvr.

1 pm – Books & Magazines w/John Terrey

3 pm – Radio Collector's Slide Show

7 pm – "On the Air" film on KDKA

7-10 pm – Main Auction check-in

7-10 pm – Old Equipment Contest check-in

FRIDAY – SEP. 24

8 am – Auction Preview

8 am-5 pm – Book Fair

8:30 am – Sightseeing Excursion, Seward
Mansion in Auburn, Lunch, and
Coverlet/Textiles Museum Tour

9 am – Vacuum Tube Auction

10:30± am – Paper Collectibles Auction

11± am – General Auction

1-4:30 pm – General Auction continues

1-5 pm – Equipment Contest viewing

4 pm – Amateur Radio seminar

7 pm – Contest Awards Dinner

9-11 pm – Equipment Contest viewing

SATURDAY – SEP. 25

8 am – Book Fair

9 am – Life of Frank Conrad

10:30 am – Early History of Collins Radio

12 am – Ladies' Luncheon

1:30 pm – Electrical & Wireless Apparatus

3 pm – The Charles Herrold Story

5:30-7 pm – Mixer

SUNDAY – SEP. 26

2-5 pm – AWA Museum open

Info: AWA, Box E, Breesport, NY 14816

*[If you can go to only one meet,
make it to this one. Editor]*

ALABAMA – Sep. 27

AL. HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL – Homewood Public Library
1721 Oxmoor Road

7 pm

Info: ALHRS, 4721 Overwood Circle
Birmingham, AL 35222 – (205) 595-2856

OHIO – Sep. 28

SOCIETY FOR PRESERVATION OF ANTIQUA RADIO KNOWLEDGE MEETING

Dayton, OH – ITT Technical Institute
3325 Stop Eight Road

7:30 pm

Info: Harold Parshall – (513) 298-4044, days
(513) 268-2909, evenings

NEBRASKA – Oct. 2-3

MIDWEST RADIO CLUB OLD TIME RADIO DAYS RADIO SHOW & SWAP MEET

Nebraska City, NE – Memorial Building
810 First Corso

10 am - 5 pm – Both Days

Show Indoors

Swap Meet & Flea Market in parking lot

Contests: Nicest Floor Model Radio,

Nicest Table Set, and Nicest Display

Info: Randy King, 3017 Orwell Street
Lincoln, NE 68516 – (402) 423-9621, days

KENTUCKY – Oct. 9

MID-SOUTH ANTIQUA RADIO COLLECTORS FALL SWAP MEET

Lexington, KY – The Kentucky Inn
525 Waller Ave. – (606) 254-1177

8-11:30 am – Swap Meet

11:30 am – Lunch

12 am – Meeting

1-3 pm – Auction

Old Equipment Contest

Info: Lewis Owens – (606) 233-0376

FLORIDA - Oct. 9

FLORIDA ANTIQUE WIRELESS GROUP MONTHLY TAILGATE MEET

Orlando, FL - Radio Relics, 321 Evans St.
8 am

Info: Paul Currie - (407) 365-9305, or
FAWG - (407) 895-0146

ALABAMA - Oct. 9

SOUTHERN VINTAGE WIRELESS ASSN. FALL SWAP MEET

Decatur, AL - Ninth St. Methodist Church
From I-65 take Decatur Exit Hwy. 20
Church on corner of Ninth and Hwy. 31
8 am - 2 pm

Info: Bill Moore - (205) 880-1207

ILLINOIS - Oct. 10

ANTIQUERADIO CLUB OF ILLINOIS AUTUMN MEETING

Elgin, IL - Holiday Inn, 345 River Rd.
7 am-noon - Swap Meet in west parking lot
11 am - Business Meeting

Info: Jeff Aulik, 1708 Parkview Ave.
Rockford, IL 61107 - (815) 399-1902

CALIFORNIA - Oct. 12

CALIF. HISTORICAL RADIO SOCIETY NORTH VALLEY CHAPTER MEETING

Redding, CA - 7 pm

Info: Norm Braithwaite - (916) 246-4209,
or Chris Galantine - (916) 244-2337

MISSOURI - Oct. 13

ANTIQUERADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS MEETING

St. Louis, MO - Library at Lindbergh Blvd.
(Route 67) and Route 40

7 pm - Bring item for show & tell

Info: Charles Juedemann, 262 Churchill Ln.
Ballwin, MO 63011 - (314) 256-3727

TEXAS - Oct. 15-17

VINTAGE RADIO & PHONOGRAPH SOCIETY ANTIQUERADIO WIRELESS ASSOCIATION CONVENTION '93

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Freeway, Dallas-Ft. Worth Airport South
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Two Silent Auctions Fri. pm & Sat. am
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Reception & Awards Banquet Sat. pm
Sunday am Flea Market (inside)

Info: VRPS, PO Box 165345, Irving, TX 75016
C.F. Crandell - (214) 337-2823, after 6 pm
Don Nordenholt - (214) 423-9175, after 7 pm

OHIO - Oct. 30-31

BUCKEYE ANTIQUERADIO AND PHONOGRAPH CLUB SHOW

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2000 Brittain Road

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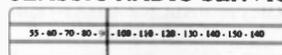
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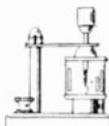
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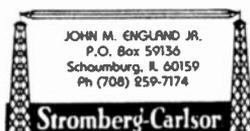


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RADIO

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- Dunlap, O.E., *Radio's 100 Men of Science*. 1944. Biographical narratives of pathfinders in electronics & television including Gilbert, Galvani, Faraday, Loomis, Hughes, Dolbear, Tesla, Hertz, Popoff, Nipkow, Branly, Jenkins, Conrad, Weagant, Kolster, DuMont, Olson. 330 pgs.\$25.00
- McNicol, D., *Radio's Conquest of Space*. 1946. A chronological treatment of the early days of radio, the scientists and their inventions. A few of the chapters: Spark Gaps & Oscillators, Wireless Spans the Atlantic, Regenerative Receivers, The Advent of Commercial Radio. 388 pgs\$29.00
- Report of the Chief Signal Officer: 1919*. A record of the telegraph, telephone and radio in WWI.\$46.50
- Signaling and Communicating at Sea*. A two-volume anthology of over 50 articles. Semaphores, pigeons, flashing lights, flags, radio, teletype. 2 vols., 480 & 524 pgs. . \$73.00
- Summers, H.B., ed., *Radio Censorship*. 1939. Collection of excerpts from articles & books + brief bibliography.\$23.50

TELEVISION

- Abramson, A., *Electronic Motion Pictures: A History of the Television Camera*. Mechanical TV to Zworykin to 1940's. 228 pgs.\$24.50
- Hess, G.N., *An Historical Study of the Du Mont Television Network*. 1960. Reviews the development of the Du Mont laboratories, network background, its development period, and its decline. A search for why the fourth television network failed.\$19.00

TELEGRAPH TELEPHONE

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(May-93)



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.0015	.39	.033	.69
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.0022	.39	.047	.71
.0027	.39	.056	.74
.0033	.39	.068	.74
.0039	.39	.082	.74
.0047	.39	.1	.80
.0056	.39	.12	.90
.0068	.39	.15	.92
.0082	.43	.22	1.05
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10	250	1.05	2.2	450	.90
22	250	1.40	3.3	450	.95
33	250	1.90	4.7	450	1.35
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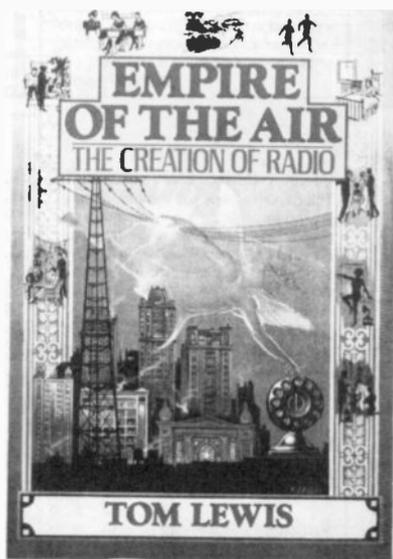
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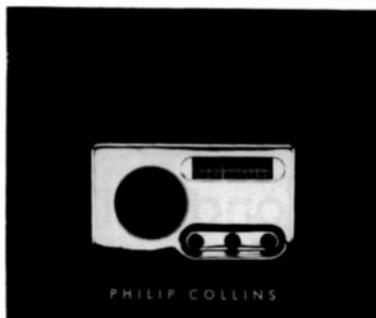


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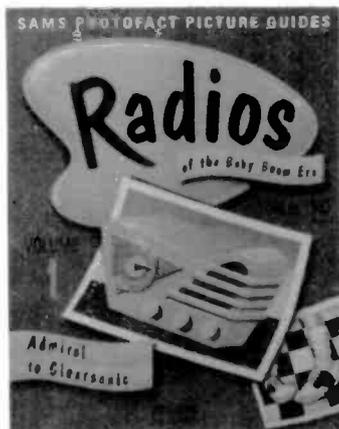
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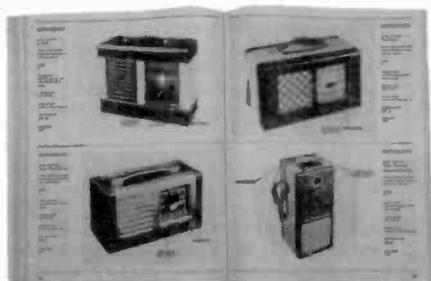
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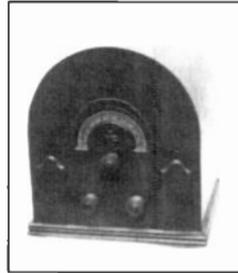
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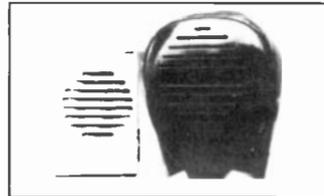


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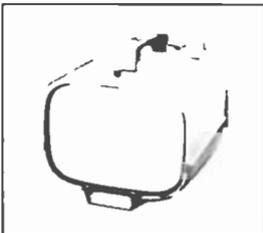
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WANTED: MODERN TV's! Sony 8-301 W, grey metal television from the 1960's. If it has an unbroken handle and is complete with the hood, we'll pay \$125 each. Other small screen modern sets we're buying: Panasonic Model TR-005, looks like a silver "flying saucer", we'll pay \$125 in excellent condition. JVC Model 3100 pyramid shaped "Video Capsule" TV--we'll pay \$250 in excellent condition. On other unusual looking modern TV's you find, please send a photo, copy of the instructions, etc. so we can make an offer. Please call Harry Poster, days at (201)794-9606 or FAX days : (201)794-9553.

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 17¢ each. See details below. Classified ads must be received (not just postmarked!) by **Noon Eastern Time** on 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 2 for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Please write each ad on a separate sheet of paper, especially when included with other A.R.C. correspondence. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

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

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

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. Since club activities receive free advertising on the *Coming Radio Events* page, the free 20 words may not be used for club activity ads. See inside front cover for additional information.

CLASSIFIED AD DETAILS

Deadline: NOON ET— 10th of the month!

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

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE***

17¢ per word for extra words over 20 **plus**

10¢ per word for a shaded ad (count all words including free words).

* Subscribers may take 20 free words on only **one** ad each month.

Non-Subscribers:

33¢ per word **plus**

10¢ per word for shaded ad.

Please do not forget to send in the extra 17¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with For Sale, etc. Minimum run is 3 months, prepaid. Discount: 5% for 6 months; 10% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:

28¢ 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 (All words are bold at no charge):

38¢ per word for all words* **plus**

10¢ per word for each all-caps word.

Non-Subscribers:

Add 20¢ per word to above costs.

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

PHOTO & DRAWING DETAILS

Deadline: 1st of the month

for all ads with drawings or photos!

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

Photo and Drawing Rates per Month

\$10.00 per month for each photo or drawing (If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: **WANTED, FOR SALE**, etc., count as **one word** each time used in an ad. **Name, address** and (one) **telephone number**, count as **6 words**, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, etc. count as one word each. Hyphenated words count as two words.

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