

OUR 15TH YEAR!

ANTIQUE RADIO CLASSIFIED



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Future Collectors Key In

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ANTIQUE RADIO CLASSIFIED

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1/2 V	12 7/16 x 3 9/16	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4
1/4	5 1/4 x 3 9/16	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4
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The 3-month rates represent about an 11% discount, the 6-month rates 23%, the 12-month rates 30%. Placement requests: add 15% but call first. Clubs: write for discount policy.



ANTIQUE RADIO CLASSIFIED

EDITOR'S COMMENTS

Though antique radio collectors usually look to the past, the two young Fields boys on our cover suggest that we can also dream of a future for our avocation. Engrossed in Blake Dietze's tale of early wireless at the fall VRPS Convention, Christopher, age nine, and Nicholas, age seven, may well represent a new generation dedicated to the preservation of radio equipment and radio history. What better focus for April, the first issue of spring, than youth and a possible beginning of a passion for antique radios!

And to pursue another April theme — a bit of foolery — we digress from the facts of our standard articles to fiction. The reprint of a humorous story by Canadian writer Stephen Leacock seemed to be the perfect proxy for a serious Internet article. Just substitute "Internet" for the word "radio," and you'll agree that things rarely change — they just reinvent themselves in new trappings.

After passing over April Fool's Day for a few years, we have accumulated several worthy candidates for publication. Charles Muller's story of the Phule Company's duo light bulb and Richard Parks' tale of his development of a line-operated 1-tube radio round out our *April Antics* for this year.

The Freshman Polydyne, the subject of our lead article by Dale Davenport, has caught the interest of many readers since our first coverage of it in the June 1997 issue. Even *Radio Miscellanea* this month contains a letter on the subject. The five filament windings and the colorful cabinet, in which some versions of the Polydyne are contained, seem to be the intriguing factors. Dale's focus is on his plain metal-box version and its apparent modifications.

Dave Crocker, known for years as "The Crosley Collector," writes a short bit on one of the few sets he has retained from his collection, now residing at the Crosley Museum in Florida. It is hard to believe that the Model VIII shown was once a basket case.

The passing of Frank Krantz a few months ago was a shock to all of us who had grown to feel that we knew him through his ads in A.R.C., even though we had never met him in person. Ray Bintliff, however, did visit him a few years ago and wrote a "Collector's Profile" for our March 1997 issue. This month, Ray writes a short tribute and includes a few photos from his earlier article. An auction of the Krantz collection is scheduled for April 24-25.

Many may not realize that Frank introduced us to what has become an icon for the hobby — the artwork of Bill Bell which adorns the covers of the four editions of Marty and Sue Bunis' *Collector's Guide to Antique Radios*. Frank suggested that A.R.C. use it for a cover back in October 1985, and we used it again in June 1989, this time in full color. As a result of seeing A.R.C.'s cover, Marty and Sue chose Bell's work for their price guides.

George Potter reports on the Texas VRPS-AWA Annual Convention held last fall. Records were bro-

ken again with over \$61,000 in total bids. With only two items selling for over \$1,000, this Dallas-area club does it by sheer quantity — more than 1,000 items were sold over the 3-day event.

It was "business only" at the auctions for radio collector and professional auctioneer Michael Sherman, as the pace was nearly two items per minute. If the opening bid was not met, the item was passed. After all, there is always more stuff awaiting the hammer. Excellent seminars, a banquet, a flea market and a contest rounded out this popular affair.

Of note in *Photo Review* this month is a 1926 book on television by Englishman Alfred Dinsdale. In an earlier book on the subject — *Vision by Radio* — published in America in 1925, C. Francis Jenkins did not use the word "television," though we now know that television is, in fact, "vision by radio."

Correspondence in *Radio Miscellanea* includes identification of the disk-shaped radio pictured in the Mason Estate Auction report in the March 1999 issue and in the February 1997 *Photo Review*. Reader feedback on advertiser problems and on volume control lubrication is also included.

Looking back again on our first year, we've chosen to reprint another of Frank Heathcote's "Collectors Corner" articles — this one from the January 1985 issue. A prolific contributor to A.R.C., Frank wrote about the 1930-1931 Pilot S-155 "Midget," a 6-tube TRF radio. An uncommon set with unusual styling, this was, indeed, a worthy collectible.

15th Year Specials. We continue our discounts on full-year back issues. And, the 15th year subscription rates are the standard rates for 1999.

Internet. It seems as if we never will complete the work on our expanded internet site, but rest assured, it will happen, and it will be announced here. But, don't wait until then to get on-line. Our site already has hundreds of pages of past articles from A.R.C., and *Coming Radio Events* is updated monthly. Also, you can order books, videos and renew your subscription quickly on our site.

Coming Radio Events. Over 40 events for the collector are listed this month. Multiday events include an antique radio exposition in Portugal, the Colorado Radio Collectors Annual Show, the Military Radio Collectors Group Meet in California, and the Frank Krantz Estate auction in New Jersey.

Happy Collecting.

John V. Terrey, Editor

ON THE COVER

On our cover, Blake Dietze engages the interest of the next generation of collectors, Christopher and Nicholas Fields, with the contest display of an early wireless set against the drama of the *Titanic*. As a cover choice, this photo was irresistible in its suggestion that antique radio collecting will be alive and well in the 21st century.

WITH THE COLLECTORS

Even More About the Freshman Polydyne

BY DALE DAVENPORT

Again one article has led to another. After reading the Freshman Polydyne articles in the June 1997 and March 1998 issues of *A.R.C.*, Dale Davenport was inspired to write about a metal-box version of the Polydyne, which he has in his collection. He also speculates further on the Freshman Company and its sets. (Editor)

In reading the articles in *Antique Radio Classified* concerning the Freshman Polydyne, I found the comment about the use of five separate filament windings intriguing. Since I own a Freshman Model Q, shown in Figure 1, I decided to take a quick informational trip through John Rider's *Per-*

petual Troubleshooters Manual, Volume 1. The search turned up a surprising 16 or so manufacturers that used the same or similar arrangement.

Prominent manufacturing names, such as All-American, Bremer-Tulley, Brunswick, Edison/Splitdorf, Federal, Freed-Eisemann, Majestic, and even industry design leader RCA, used the separate filament source concept in the earliest days of AC set manufacture. Grebe had one model with no fewer than six separate filament voltage sources.

Beyond the need for various filament voltages, the choice of separate filament sources apparently was driven by the need to isolate individual tubes and their functions from those elsewhere in the set. By about 1930, the practice seemed to have lessened to a great degree due, at least in part, to continued development of tubes and the fact that many were using indirectly heated cathodes. Perhaps the oddest part of the Polydyne's circuit is that all of the filament windings, including that for the UX-227 detector, used a center tap, with the exception, oddly enough, of the venerable Type UX-280 rectifier.

FRESHMAN Q SERIES

The 5-tube circuit used in Freshman's Model Q series was for the most part a spin-off of the tried and true regenerative TRF, dating back to the mid-1920s and popularized by Browning Drake. Permutations of the circuit continued to crop up until at least 1930 and perhaps later. On first examination, the differences between the various models of the Q series of sets seems to be in the power divider circuit and whether the set was equipped with a built-in speaker.

However, there is one significant other variation. The Models Q-15 and Q-16 are nonregenerative, while the other models offered in the series feed some part of the signal present at the output of the UY-227 detector back to the front end of the set via a 0-35 MMF variable



Figure 1. The metal box version of the Freshman Polydyne in my collection.

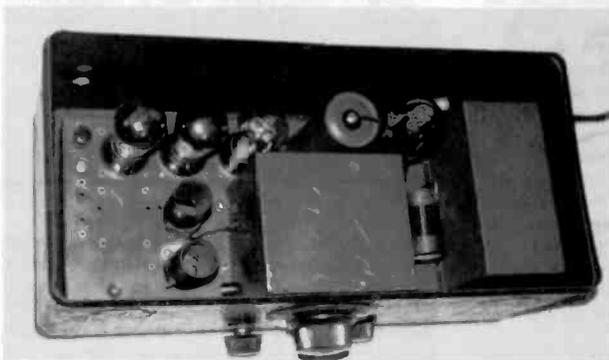


Figure 2. An inside view of my Freshman Model Q.

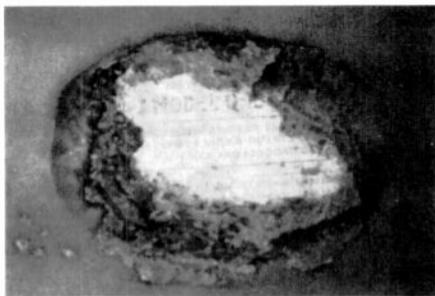


Figure 3. The set's original sticker shows it to be a Model Q-15.

capacitor. This screwdriver adjustable feedback is controllable through a small insulated hole in the top left front of the chassis pan.

Other differences apparent from a casual examination of the top of the chassis, shown in Figure 2, include two solenoid Type RF transformers to the left of the boxed tuning gang. The nonregenerative Types Q-15 and Q-16 have only one such transformer.

The tube lineup for all versions of the Q series are the same: Type UY-227 indirectly heated triode detector, Type UX-226 directly heated first audio amplifier, and Type UX-17A, another directly heated triode, as the audio output amplifier. All versions of the set use the Type 80 full-wave rectifier.

It would appear that Jerry McKinney's beautiful Polydyne cathedral/tombstone (A.R.C. June 1997) does, indeed, have the nonregenerative version of the circuit. It was the review of Jerry's set that sparked comments on the unusually large number of transformer windings and led me to do a bit more research on the metal-box version of the set in my collection. It would be logical to assume that the faded paper label in Jerry's set says "S-G-15" rather than "S-C-15." The "S-G-" is indicative of the set's use of the then new UX-222 "screen grid" tube.

The Q series of screen grid TRFs was designed under the leadership of George Eltz who replaced Albert Franklin as the Charles Freshman Company's chief engineer in the spring of 1928 following a takeover of the company by Walter P. Chrysler. Chrysler's assumption of control, apparently prompted by heavy investments and subsequent losses in the Freshman Company, brought with it the installation of Clarence A. Earl as president. Charles Freshman, the company's founder, became Chairman of the Board. The newly installed president had dismissed Franklin and promoted assistant George Eltz to the chief engineer's position.

The Q series, as well as the other metal boxes, Models M and N, were part of the new lineup for the fall of 1928. They were introduced at about the time that Freshman founder Charles Freshman was being bounced from the company permanently. However, the Q models were the only ones in the new line to offer the screen grid regenerative TRF circuit.

The Q model's circuit was centered around the new Type UX-222 tube, released to the public in

the fall of 1927. This first screen grid tube offered a gain of 300 and stable operation — a huge improvement over the then current crop of triodes — making it something of a hare among the tortoises. The fact that the UX-222 was intended for battery operation was "designed around" by the use of the previously mentioned center tap of the filament winding.

Though simple in concept, the set's design borders on elegant. At last, here was the gain of a regenerative circuit, coupled with smooth operation, and to top it all, the tube had far greater gain than existing triode designs. The prospect of gain from two sources must have been a heady incentive for Eltz and his engineering crew to let the creative juices flow and finally "get a quart from a pint pot."

In 1925-1926, Charles Freshman had an idea to help maximize profits: he would relabel last year's models to be sold through department stores and thereby undercut his own dealers. The name chosen for the relabeled sets was "Polydyne." It appears that, in 1928, the new management of the Charles Freshman Company either continued the practice or perhaps simply produced much or all of the product line under both the Freshman and Polydyne names.

In any case, the Q models seem to have been offered under both names, and the labels were the only discernible difference. It is not clear if they were marketed at the same time or if the practice of last year's Freshman sets becoming this year's Polydyne sets was continued.

MY FRESHMAN POLYDYNE

Now I'll finally get to the point of my story. In my modest collection I have a Model Q without brand name or label affixed to the front of its wrinkle-finished metal box. Close inspection shows no indication that the set ever had the metal label normally found at the bottom center of the set's front face.

My set has two slot-shaped holes, approximately 2 1/4" center-to-center; the wrinkle paint in them is perfect, and there are no scratches in the paint on the inside of the cabinet either, strongly indicating that the set has never had the nameplate attached. Glued to the underside of the metal lid are two oval stickers, one on top of the other. The slick yellow paper labels are printed in chocolate brown and measure 4" x 3/8". My assumption initially was that the quality-control folks had gone for coffee, and careless assembly led to two stickers being af-

(Continued on following page)



Figure 4. The paper label placed over the Q-15 label is lacking any manufacturer name.

(Even More About the Freshman Polydyne, continued)
fixed, one on top of the other.

Inspection of the set's chassis produced new mysteries. The UX-222 tube was replaced with its AC equivalent, the UY-224. The UX-222, designed for battery operation at 3.3 volts, operates in these sets at a slightly reduced 3.1 volts, probably to lengthen tube life and as a method of allowing for the huge line voltage variations prevalent when the set was designed and manufactured.

The problem with installation of the UY-224 screen grid tube is that it is designed to operate at 2.5 volts and a whopping 1.75 amperes — the same as its stablemate, the UY-227 triode. (UY tubes have 5-pin bases, instead of the 4-pin bases of the UX series tubes.) Installation of the UY-based tube required replacing the UX socket and changing the filament source so that the tube is fed in parallel with the UY-227 detector. This condition places a hefty 3½-ampere load on the 2.5 volt winding of the transformer, a rather daunting prospect.

My curiosity aroused, I thought back to the double stickers under the set's lid and decided to steam off the top one. Here is what I found. The set's bottom (original) sticker, shown in Figure 3, proclaimed it to be a Freshman Model Q-15 with the licensing and patent data. The top sticker, shown in Figure 4, makes no claim to the set's name; it simply says "Model Number 5234," and again has the licensing and patent information. In small print at the bottom of the sticker is the message "Form 5127."

Unfortunately, I was not able to determine what, if any, "Form Number" the original sticker might have had. The conclusion to be drawn then would be that my set (or at least the cabinet lid) had been manufactured as a Freshman Model Q-15 and then converted to something else, either before or leaving the Freshman factory in New York City or perhaps after being returned for some reason.

While restoring the set both cosmetically and electrically, I had time to ponder and arrive at the following conclusions, and perhaps even more unresolved questions.

COMMENTS AND SPECULATION

At some time in the production life of the Freshman Polydyne Q series of sets, a decision was made to upgrade the circuit's design by installation of the UY-224 AC-operated screen grid tetrode. Why? Possible reasons for the Q series to be upgraded might have included efforts to control or reduce the circuit's hum level and certainly to avail the set of the UY-224's increase in gain to approximately 420. To perform at optimum gain the tube's plate voltage would have to be increased, but it wasn't, so the tube is operating at less than maximum efficiency.

Oddly, the Freshman Polydyne circuit was designed to operate with 162 volts on the plate of the UX-222, considerably over the desired 135 volts recommended by RCA and Cunningham, but closer to the 180 volts specified for the UY-224. Could the circuit's designers have had inside information or at least a hunch that an AC version of the tube was in the works?

At this time, I do not have enough data to

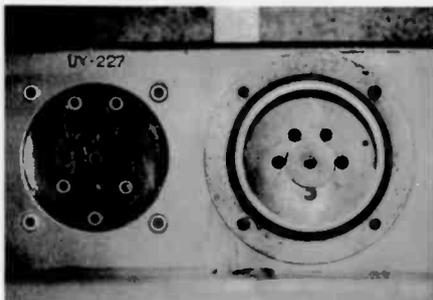


Figure 5. Note that the socket on the right is mounted using four screws rather than rivets, as is the socket on the left and all other tube sockets in the set.

determine what other components might have been changed to accommodate the UY-224's lower plate resistance, though ideally some adjustments should have been made. The UY-224 became available to the public on April 20, 1929, so design changes would have been made following that date. By the spring of 1929, the set's design was nearly a year old and due to be replaced in the fall with the announcement of the new model year's lineup.

Workmanship in the installation of the UY-224, as well as associated wiring changes, is good, indicating that the conversion may very well have been a factory job. The original UX socket was replaced with a UY type of a slightly different design, as shown in Figure 5, now held in place by screws rather than rivets. The use of screws would indicate that the chassis was converted after manufacture. Soldering, lead dress, and appearance are what you would expect from work done at the factory — neat, clean and well executed. Continued operation shows no evidence of heat stress to the power transformer, giving rise to speculation that perhaps a transformer with a heavier 2.5-volt winding may have been incorporated.

My UY-224 version of the set works quite well after replacement of its low emission tetrode, so I've taken the time to determine if component values, such as biasing resistors, have been changed. Also it would be difficult to determine if coil values used in the coupling scheme have been modified, as Figure 6 seems to indicate. Truth is most of these early, inexpensive sets are reasonably tolerant of component values, so it's quite possible that few, if any, other changes were made to the chassis to accommodate the conversion.

LISTENING OBSERVATIONS

How well does the set work? Signal sensitivity is quite good with an appropriate long wire antenna and ground, but selectivity does leave a bit to be desired — pretty much what you would expect from a set with only two stages of tuning. Remember, the need for high selectivity was not as great in some parts of the country in 1928-1929,

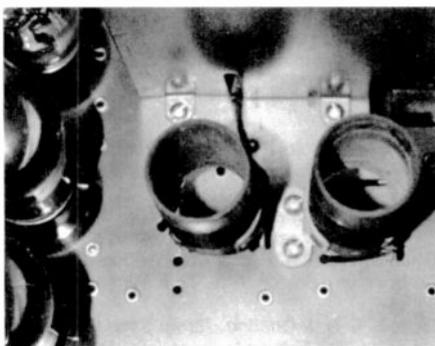


Figure 6. Note that the two coils are mounted using screws rather than rivets, hinting at modification.

as it would be in a few short years.

There were far fewer stations on the air in the late '20s, except for the congestion in and around the large population centers, such as Chicago and New York. Magazine articles and set-building ads of the era constantly proclaimed that this or that set was able to cut through the crowding and interference where local competition was becoming fierce for listeners. The design of the Model Q series of receivers must have targeted less congested areas of the country.

A THIRD MODEL Q VERSION?

The Model Q was the low end of Freshman's price range and that would have dictated an economy of parts and, to some extent, performance. The design target seems to have been hit. The Freshman Polydyne metal box would have been a good value for the \$69 originally asked, less tubes, if you lived in one of the nation's smaller communities with little if any local broadcasting, but served by an AC electrical service.

The principal question then seems to be, do I have a third version of the Model Q? I believe there is compelling evidence to consider it a possibility. Consideration of the nameless label, the set's apparent manufacture without the usual front panel nameplate, and the level of workmanship would indicate that there may have been life after the Freshman Polydyne series.

Updating the circuit could have allowed the surplus parts and cabinets to be consumed and the performance to be slightly improved to help dispose of the sets in an increasingly competitive market. Perhaps the sets were sold through a third and separate sales venture. It's possible too that a large number of leftover chassis and cabinets were disposed of by a quick engineering fix and then the sets sold off to or through one of the number of mail order discount houses that advertised so prevalently in magazines of the day.

Conjecture that my set was "factory modified" could be dependent on continued manufacture past the spring of 1929 when the UY-224 became available. Is it reasonable to assume that this relatively simple set, offered first in the fall of 1928 as part of a quick fix to the Charles Fresh-

man Company's product line, could have been continued into a second production year?

Though employing the latest in tube technology, the "Little Giant of the Air" — the name used by Freshman in advertising the Q-15 — was an antique in appearance when first offered, even by the standards of 1928. It would seem that the Freshman Polydyne Company was one of the few, other than Atwater Kent, to continue with the skirted 100-0 tuning control this late. The brown Bakelite Kurz Kasch tuning dial, shown in Figure 7, was a throwback too, as even Atwater Kent had shifted to the more common 0-100 scaling several years previously. Atwater Kent referred to this style as "Full Vision Tuning"

FRESHMAN BECOMES EARL

It seems possible that the Freshman Company (the name would change to "Earl Radio Corporation" in July 1929) continued on with this low-end radio as either a bread and butter offering or simply to sell off unsold sets or parts beyond the Polydyne series. The set would have been ideal for rural areas, though, unfortunately, many people were still without electrical service. Installation with a good long wire antenna and ground would have given adequate performance, and with the tooling paid for, the price could have been substantially reduced.

The Earl Radio Corporation went into receiver-ship in November 1929 following the crash of the Stock Market. Efforts to find financing failed, and the factory was sold off in July of 1930. It is possible that a sell-off of surplus sets in the company's inventory might have been a result of early efforts to raise cash for survival. The set I have could have been sold through discounters even after the manufacturer had closed the doors.

Charles Freshman, after being bounced from the company he had founded, apparently went back home to Chicago, and in the fall of 1928, started production of an 8-tube "President" table set. Perhaps to avoid some noncompetition agreement, the President sets were advertised as the products of the "S. Freshman Company" of Chicago. S. Freshman reportedly was Charles' brother Sigmund. I have one of the President sets and so far have been unable to find a schematic or

(Continued on following page)

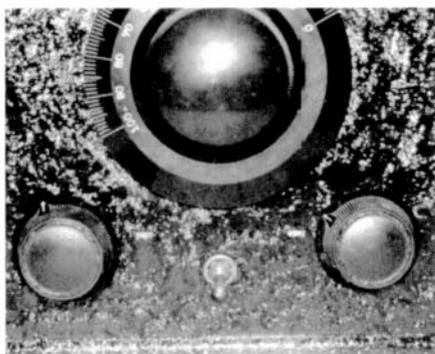


Figure 7. A close-up of the knobs showing the antiquated 100-0 dial markings.

(Even More About the Freshman Polydyne, continued)
much other information concerning it. The single service reference to the President set is in the Alfred A. Ghirardi *Radio Troubleshooter's Handbook*.

From time to time, the Freshman name has been used in conjunction with that of Belmont, but I am unable to determine what the connection might have been.

COLLECTING FRESHMAN SETS

Sadly, all too often, in the fervor of acquiring the best and rarest for our collections, we pass over Freshman sets at auctions and flea markets. This I feel is a mistake. Although not the best in performance, or the rarest, or the most innovative in technology, for the most part Freshman, like Atwater Kent and Philco, is a name recognized by our parents and grandparents when reminiscing about the early days of radio.

It was through Charles Freshman's efforts, whatever the motivation, that many people were able to acquire their first radios. He brought prices down to an affordable level, admittedly at the expense of performance in many cases, but bring them down he did.

Freshman, along with the products of Powell Crosley, helped put that first radio set into many homes in the mid-1920s. The Freshman and Crosley sets filled a need and at a price that more mid-1920s folks could afford. Good or bad, warts and all — the Freshman sets are secure in the history of radio in America and should be accorded a place in our collections.

I would welcome ideas, comments, and any

light that can be shed on either the Q series of Freshman sets or the Freshman President. I would especially like to correspond with anyone owning a President model.

References:

- Coyne Electrical and Radio Trouble Shooting Manual. Chicago: Coyne Electrical School, 1944.
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- Ghirardi, Alfred A. *Radio Troubleshooter's Handbook, 3rd Edition*. New York: Rinehart Books, 1943.
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- McMahon, Morgan E. *Radio Collector's Guide, 1921-1932, Revised Edition*. Palos Verdes Peninsula, Cal.: Vintage Radio, 1981.
- Rider, John F. *Perpetual Trouble Shooter's Manual*. New York: Radio Treatise Co., Inc., 1931.
- Tyne, Gerald F.J. *Saga of the Vacuum Tube*. Tempe, Ariz.: Propt Publications, 1994.

Photos: courtesy of Marcus Bryant.

(Dale Davenport, 622 S. 18th, Fort Smith, AR 72001)

Dale Davenport has worked in commercial broadcasting as an announcer, news director, owner, and engineer. He has been a collector since age 14, and his wide-ranging interests include Metrodyne, Steinite, and early AC sets. His prize is a Crosley Ace 3-B portable.

Crosley Model VIII Portable Restoration

BY DAVE CROCKER

The Crosley Model VIII portable, shown in Figure 1, became mine long ago at an AWA meet in Canandaigua, New York. It was a basket case, as the saying goes, but how could I pass up a rare 1923 Crosley? There are very few Model VIII portables — I know of only one other, owned by a collector in Colorado.

This set has a TRF circuitry operating on three Type 199 tubes in three porcelain sockets. It also has two wooden book-type tuning condensers. The handsome cabinet is constructed of quarter-sawed light oak.

Almost eight months of work went into the restoration of this set. Shown on top of the radio is the aerial wire holder (not a loop) that had to be completely reproduced. To replace the many parts missing from the chassis took long hours of searching through flea markets and meets for clean, original replacements. To complete the project, I added the appropriate batteries and Crosley headphones. This made the set extremely heavy and negated using the antiquated handle.

Attached to one of the binding posts at the left of the set is an original Crosley dealer repair tag. On the front lid, I show an original 1923 Crosley apparatus catalog which includes this receiver.

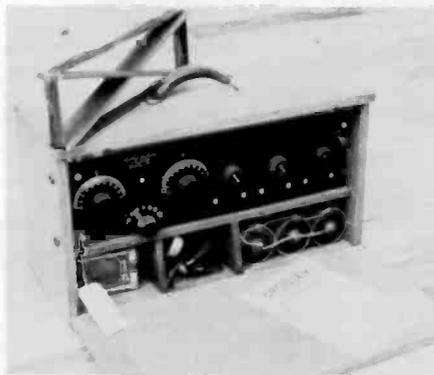


Figure 1. The restored Crosley Model VIII.

Needless to say, the long hours of labor on this restoration project have given this Crosley VIII a special place in my collection.

(Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649)

WITH THE COLLECTORS

Krantz Collection To Be Auctioned

BY RAY BINTLIFF

Many longtime A.R.C. readers may not have heard of the passing of Frank Krantz, pictured in Figure 1, whose "Collector's Profile" in the March 1997 issue was the result of my very enjoyable visit with him that year. Even if collectors did not know him personally, Frank's extensive ads in A.R.C. over the years had to be notable. He was an avid collector and a familiar name in the radio-collecting community. A.R.C. readers will remember him for his seemingly endless supply of radio equipment and parts.

A radio repairman since 1930, Frank's home in Somerdale, New Jersey, became something like an extension of Philadelphia's "Radio Row," as his hobby grew into a vocation. Figure 2 — a 1997 photo — gives a sense of just a small portion of the contents of the Krantz collection to be auctioned at his home on April 24 and 25, 1999, by the Childers and Smith Auction House. The company's full-page ad in this issue gives details, but the scope of the collection is almost beyond inventory. In fact, the auction house has indicated that further auctions may be necessary.

Included will be radios, tubes, books and magazines, test equipment, crystal detectors, microphones, etc., etc. A catalog is available and the items contained therein will be sold on Saturday, April 24, with the remainder on the 25th.

As the 1997 *Collector's Profile* said, although Frank had begun to thin out his collection, some of the remaining items are impressive. On the other hand, much of what is there may be largely unknown, and there could be many surprises in the auction. The house is small and packed solid, but a tent will be used to facilitate matters. Buyers should be prepared to remove purchases without delay.



Figure 1. The late Frank Krantz at his workbench.

Frank's career in radio spanned almost the history of radio in the 20th century. It is with regret that we note his passing, and we extend our sympathy to his family.

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

(Childers Auction House, P.O. Box 126, Arcola, PA 19420. (610) 269-1036)



Figure 2. A partial view of the many shelves filled with Frank's eclectic collection.



Figure 3. Some of the many tubes Frank had in his vast collection.



APRIL ANTICS

Radio: A New Form of Trouble from: Over the Footlights

BY STEPHEN LEACOCK

The following story was brought to our attention by Harry Schechter (yes, our managing editor's husband), who had recently discovered the great charm of the writings of Stephen Leacock (1869-1944), a Canadian humorist. We suggest that, as you read the story, you substitute the word "Internet" for "radio." (Editor)

What is radio? I shall be only too glad if any reader of this book will write and tell me, simply and in words that I can understand, what radio is.

Let him understand at the outset that it is no use telling me that by means of radio, I would be able, seated comfortably in my own armchair to hear the Pittsburgh orchestra. I know it. I don't want to. Nor need he inform me that, seated comfortably in my own armchair, I can hear a speech by W. J. Bryan. I don't need to. I heard one.

Nor do I wish for information involving the use of such words as "receiving circuit," "rheostat," and "variometer." These words are no help to me. I have tried them out and I don't get them. I have already read a little book called *Radio for the Beginner*, and it has beaten me. I have sent away for another that is called *Radio for Infants*, but I have very little hope from it. I know already that it will tell me that any infant nowadays, seated comfortably in his high chair, can hear the Pittsburgh Orchestra. And of course it will contain what are called "directions" telling me to "insert my antennae in my ears." But I refuse to. It sounds like insults that we use to use when I was young.

And, most particularly, I don't want surprising statements about the rapidity of ether waves. It is no use telling me that the Hertzian waves represent 3,000,000,000,000,000 oscillations per second. I believe that that figure is correct, but it doesn't strike me as so terribly fast anyway. After reading for months the statistical figures on the Bill of Reparations against Germany and the fall of the Russian ruble, it leaves me cold.

All that I clearly perceive about radio is that a new form of trouble has broken out in the world. One more item has been added to the growing list of *Things I Don't Understand*. I know now just how they felt in Ancient Babylon when they hanged the man who invented the first wheelbarrow. Radio, in short, just adds one length to the distance by which I am being left behind.

Indeed the whole radio business as I read it in the newspapers, seems to be largely in the hands of children. Only last week I noticed that a little boy in the Schenectady Technical High School had made a radio machine out of an empty sardine can and a piece of stove pipe wire. He must

be a bright little fellow. I'd like to choke him. And I see where another bright little fellow (they are called "bright little fellows" in radio literature) has fixed up a radio set in his bedroom: it said that his "aerial" was 75 feet long and that he had a "flat top lead-in." Poor boy! I forget what he uses his radio set for. Perhaps he listens to the Pittsburgh Orchestra. They mostly do.

Meantime the thing has assumed the proportions of a vast movement. There are radio shops, radio fans and a whole growth of radio literature, magazines, journals, advertisements, and prize competitions. In fact it's a "world movement;" it takes its place right alongside prohibition and psychoanalysis and the subconscious mind. In a very short time it will get into the moving pictures and on the stage and into our current novels and eat the heart out of our literature. I was reading the other night — or was I dreaming — a "radio novel" which began something like this:

"Angelina sat in her cloistered room, her antennae in her ears and her eyes idly resting on her direction finder, hearing and yet half not hearing the Pittsburgh Orchestra while the Hertzian waves moved drowsily past her at the rate of three million billion miles a second. Suddenly the girl noted among the waves one which sent a throb to her heart. It was his — Eduardo's. That familiar and beloved call, "K double Z O double Z." She would recognize it anywhere. There was a romance about it which thrilled the young girl — K Z Z O Z Z.

Hastily she adjusted her amplifier, moved her spark to a better audio-frequency, and opened her condenser till its capacity increased one millionth of a farad. "Eduardo," she clicked. "It is I. Where are you?"

"I am here," came the answer. "Seated comfortably in my armchair, I am listening to a broadcast by one of our greatest national preachers. Tune your wave length, darling (he said the word, in radio), QQ is the sign for it, and cut in, and we will listen to it together."

"I will sweetheart," she answered (HKW).

Rapidly this bright young girl — she was in the highest grade of the Schenectady Technical High School: the last one that they will allow them to be in — adjusted her radio set. In a few moments she had cut in on the same broadcast that Eduardo, far away in the ether, was also absorbing into his vacuum tube. It was wonderful to the girl to think that her antennae were joined to his by the same wave and that his amplitude and hers, with a proportional deduction for the square of the distance, were now in the circuit. Thus, together

they listened to the broadcast their antennae close locked —

And would you believe it — by the time I had got to this point in the narration of the new radio novel, all of a sudden, it began to seem strangely like, and yet unlike, something that I had read long ago in a forgotten story dealing with New England life in the older days.

Something like this it went. "Together they sat and listened to the voice of the preacher in the pulpit, and as they sat thus, his hand found hers, and their hands remained as they listened, close locked together —"

Queer isn't it? The similarity. This new world is not quite so new as might appear. And on the whole, I must say I prefer the hand to the antennae.

Not but what there are great advantages about the new radio methods as thus applied. Before John Strongface (I think that was his name in the New England novel, either that or John Ironheart) could get Priscilla to that pew in the church where he held her hand, he had to walk eight miles through the forest in his snowshoes with bears after him and after the service was over he had to help her put on her wraps and tie her muffler round her neck and take her home four miles and eat pumpkin pie with her mother.

Whereas Eduardo with his radio set! A cinch! No trouble about taking her home, no expense, nothing. All he has to do is to "cut her out." It is

done like this.

"Somehow he felt that the vibration of the girl's battery was growing fainter. "Tired love," he whispered. (ZZZZ) (A whisper is indicated by four loud blue sparks.)

"A little," she amplified.

"Then let us cut out," signalled Eduardo. "And tomorrow night at eight, seated comfortably in our

armchairs, we will listen to the Pittsburgh Orchestra."

"That will be lovely dearest," she answered, (QQQ) —

Then this pure girl — she was taking pure mathematics and pure physics at the Schenectady Technical High School — clicked out her simple prayers on her radio, and sank to rest.

There! Out of all which there seems to grow a moral. I could feel it growing while I was writing this, but it seemed to slip away from me at the end. Something about all the rush and bustle of our modern life, full of inven-

tions and machinery and wonders, leaving us no further on after all, eh, what?

© 1923 by S.B. Gundy, Toronto, Ontario.

Illustration credit: *Radio World*, Dec. 13, 1924.

This story, from the collection "Over the Footlights," is reprinted with the permission of the Stephen Leacock Museum, 50 Museum Dr., Orillia, Ontario, Canada L3V 7T9. Tel: (705) 329-1908.

Stephen Leacock and the Leacock Museum

Stephen Leacock (1869-1944), one of the most versatile literary personalities of his time, gained worldwide fame in the first part of the 20th century. He succeeded Mark Twain in 1910 as the foremost literary humorist in North America.

Although he had great international appeal, Leacock was essentially a Canadian writer who is identified with two very dissimilar milieus — Orillia, a small Ontario town, and Montreal, the Quebec metropolis. He was a fluently multi-lingual academic whose works abound with illustrations of the human experience.

Among Leacock's 65 books, perhaps the most renowned is *Sunshine Sketches of a Little Town*. In these stories, he immortalized the daily life of a small town in Canada with exceptional insight and whimsical humor. He is also known for his biographical writings on diverse literary and political characters.

The Stephen Leacock Museum is located on the shores of Lake Couchiching, Orillia, Ontario. The building is the beautiful summer home built by Leacock in 1928 on land he had acquired for \$1,600 in 1908. Visitors may explore the home, a

unique national and provincial historic site. They may also stroll to the boathouse where Leacock spent summer mornings writing and enjoy a light lunch or English tea at the terrace cafe. A unique gift/bookshop is, of course, a great source of Leacock's works.

The Leacock home has undergone various stages of restoration since its purchase in 1957 by the town of Orillia to be developed as a literary center and tourist attraction. In 1984, the home was identified by the book *Canadian Literary Landmarks as Canada's second literary shrine*. (The first is L.M. Montgomery's Green Gables on Prince Edward Island.)

1986 saw the construction and operation of a new gift shop at the site. 1995 marked an amazing community effort to advance the museum's restoration — 6,000 volunteers showed up for a barnraiser in which the boathouse was reconstructed in 24 hours. Clearly, the Stephen Leacock legacy lives on in the hearts of Canadians.

The Stephen Leacock Museum, 50 Museum Dr., Orillia, Ontario, L3V 7T9 Canada. Fax: (705) 326-5578. E mail: leacock@mail.transdata.ca

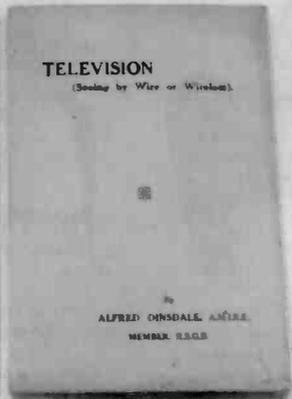




PHOTO REVIEW



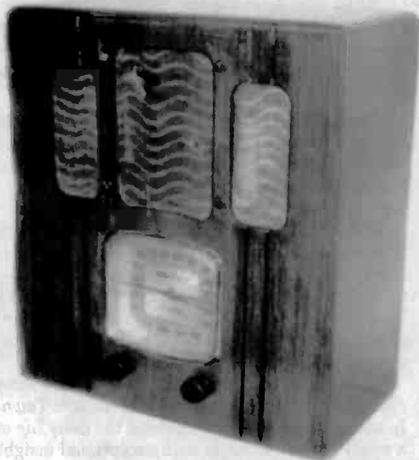
This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. 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.



1926 TELEVISION BOOK — This rare book — *Television (Seeing by Wire or Wireless)* — was written by Alfred Dinsdale and is highly sought after by collectors. (Jim Taylor — Winton, Bournemouth, England)



PHILMORE MODEL VC1000 "SELECTIVE" CRYSTAL RADIO KIT — Unbuilt and in excellent condition, this kit uses the Philmore No. 748 crystal earphone. (Erwin Macho — Vienna, Austria)



RCA 85T2 — This 5-tube tombstone, ca. 1935, is AM only. It has a simple case design with no molding at the base or top. (Wally Worth — Wollaston, MA)

PHOTO REVIEW



KNOTT STUDENT'S AMMETER – This beautiful example of laboratory equipment was manufactured by the L.F. Knott Apparatus Co. of Boston. The thick mahogany board, heavy metal casting, and rugged binding posts helped it survive rough handling in the laboratory since the early 1900s. (Dave Crocker – Mashpee, MA)



RCA MASTER ANTENNA – This antenna kit was found still in its original box with ceramic insulators and installation instructions included. (Tim Snitger – Huntsville, AL)



ZENITH MODEL 618 – This Gothic 8-tube superhet has a look unlike many 1930s Zeniths I have seen. It has two speakers and three bezel openings for tuning. (Joe Beckley – South Port, NC)



A-C-S RADIO RECEIVER – This compact 6-tube radio was manufactured by the Multiple Selling Corp., Madison Ave., New York City. It features "No Solder" electrical connections using copper strips. Its size, with cover closed, is 7" x 13" x 7 1/4". It has many similarities, especially the dials, to that of the Martian "Beauty" 1-tube set. If anyone has any information about this receiver or the manufacturer, please write A.R.C. (Ed Bell – Raleigh, NC)



MORE APRIL ANTICS

The Phule Duo Bulb

BY CHARLES MULLER

Undaunted by the failure of their dual filament vacuum tube to materialize due to patent restrictions, the Phule Company came up with another winner — the Dual Filament Lamp Bulb. At the time, lamp bulbs had carbon filaments and were sturdy in themselves. But, when they were lit and in a table lamp subject to jarring, they were fragile and would disintegrate. This would not be the case with the new Phule bulb.

The Phule bulb, shown in Figure 1, simply required inversion, and the light would be restored.

Clever, eh? As the price of a single bulb was small, Phule bulbs were sold in 6-packs with a bonus of a free Hurricane Candle Bulb, shown in Figure 2. In the event of a power failure, the user could take out the bulb in a table lamp, screw in the candle bulb, and then turn the glass envelope counter-clockwise. When the glass envelope came off, the candle would be exposed and it could be lit. Voila! There's your emergency light.

After selling hundreds of Phule bulb 6-packs, the company thought it had a winner. But, the axe fell again. This time the problem was that the Underwriters Labs refused Phule a label. The contention was that when a bulb burned out and the bulb was inverted, a part of the burned-out filament could still be attached to one of the posts of the inverted screw base. Thus, a possible shock hazard existed if it touched the now live bulb's filament. The Phule Company stopped production. Sad. Another dream gone down the drain.

On a more humorous note, some people, after lighting the candle, put the glass envelope back. Of course, the flame went out after a few seconds without oxygen. Some people wrote to the company about having a defective bulb. The company replied saying that the glass envelope was there only to protect the candle and keep it dry.

My uncle was a tenant in the Phule Building and often went to lunch with Mr. Phule. He had



Figure 1. The Phule Company's popular Duo Bulb sold in 6-packs.



Figure 2. The Phule Company's bonus Hurricane Candle Bulb.

acquired a batch of 6-packs and gave me a bulb and candle. The candle has remained unused through all these years, but every so often, I take the Phule bulb out of the display case and put it in a table lamp that is in series with a variac to reduce the voltage to 100 volts to save the filament. I turn it on and stare at the warm glow of the coiled carbon filament for a minute or so, and then back to the shelf it goes.

My uncle, who was an electrical engineer, designed a table lamp with a dual socket. With a switch, either one of the Phule filaments could be lit. In case of a burnout, a flip of the switch would restore the light.

Both filaments could also be on at the same time for greater illumination. This was a forerunner of the 3-way lamp, which a grandson of Mr. Phule's invented and which also went "belly up." And so we have another dream down the drain, along with the Phule lamp.

(Charles Muller, K2UHF, 1327 Gardiner Dr., Bay Shore, NY 11706-3710)

Charley Muller retired in 1980 after 40 years with RCA. He began collecting old radios in 1960, but his interest goes back to his teens when he made monthly pilgrimages to Cortlandt Street's Radio Row in Manhattan, a favorite memory for many A.R.C. readers.



EVEN MORE APRIL ANTICS

A Line-Operated 1-Tube Radio

BY RICHARD A. PARKS

I was looking over some different schematics for 1-tube radios in back issues of *The Horn Speaker* because I was intrigued by the idea that a radio could have just one tube. All the other sets I'd seen at the club meetings and auctions had lots of tubes. I learned these were to multiply the gain of the signal from the antenna, which is weak everywhere, except in parts of Wheaton, Maryland, where I live.

BUILDING THE SET

The set I chose to build was a regenerative circuit using an 01-A tube. Not wanting to get a 5-volt battery to light it, I thought of using a cheaper tube and a 6-volt transformer from Radio Shack. In addition, I wanted plenty of gain, so I reworked the schematic to make the set play through a speaker. Little did I realize what a change that would actually make!

I had all the parts but a breadboard. The guy at the Radio Shack told me I could use another 6-volt transformer for the output transformer and proved it with an equation. I also bought an isolation transformer the guy thought I might need. He advised me not to use plastic solder and gave me some other tips.

My antenna was a 50-foot length of wire strung around the corners of my workshop. I removed all the insulation from the wire too, so as to increase the gain. When the circuit was finished, I turned on the power and was rewarded with the sight of a cheerfully glowing 6C4. I also had a cheerfully glowing rectifier diode, until I reversed the polarity of the filter capacitor. Finally, the set seemed to be working right, and I tuned the variable condenser (I think it's really a capacitor too) looking for stations.

All I had in the speaker was a low hum. Deciding I needed more gain, I went back to Radio Shack and bought a 15-inch speaker. When I hooked this baby up, things started to happen!

THE RESULTS

It was this way: I had another radio on in the shop at the time. I had been listening to Rush Limbaugh on WMAL, which is the only other station I can get in Wheaton so close to the 50,000 watt tower. Suddenly there was a rhythmic

sound coming from the radio that was like a crazed rhino crashing through the brush. Rush never gets carried away like that, so I looked around for the source of this new interference.

Imagine my surprise when I saw my dog Spot sniffing excitedly at the new Radio Shack speaker. Every time he touched the cone, there was another panting, crashing sound from the shop radio. Apparently, my 1-tube radio was actually working backwards, taking the noise of Spot's sniffing and transmitting it over my shop antenna to the little radio. I tested this theory by changing the tuning condenser of my set, and sure enough, the dog

moved up in frequency to about 800 on the dial!

By designing my own radio, I learned many things, including:

1. A speaker can act like a microphone.
2. Radios have the property of reciprocity.
3. An isolation transformer can prevent a nasty shock.
4. Capacitors can also be condensers, and some of them can be hooked up backwards.
5. If you have enough gain, you don't really

need a ground these days.

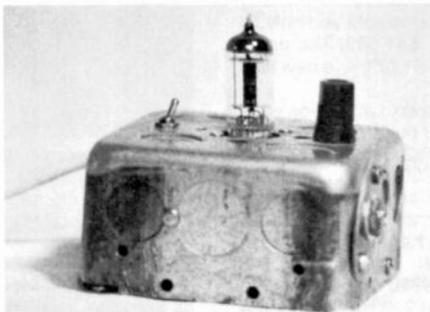
6. When I connected my tape player to the speaker, the music came over every radio in my house!

This last finding really hit me. I had designed a transmitter! That has to be harder than designing a receiver. Now I use the radio (and the isolation transformer) to broadcast music all over my house, and I can also hear it outside in my Walkman.

Finally, I'm not completely sure about the finding of Number 2 above. I tried shouting into the speaker of every other radio in my house to see how well each one would broadcast, but got no result, except with my own design. Maybe it's because my workshop antenna has so much more gain

(Dick Parks, 2620 Lake Ridge Ct., Oakton, VA 22124)

Dick Parks' interest in old radios began in the junkyards of the Westinghouse East plant in Springfield, Massachusetts, where the RA-DA radios were made. For over thirty years, he has been a design and consulting engineer on electronic radar identification systems for the U.S. Navy. A sometime musician, he performs early jazz and jugband music.



The line-operated 1-tube radio contained in an electrical junction box.

MEET & AUCTION REPORT

VRPS-AWA 1998 Convention and Auction Plano, Texas — October 30-November 1, 1998

REPORTED BY GEORGE POTTER

The 23rd annual convention of the Vintage Radio and Phonograph Society (VRPS) and the Antique Wireless Association (AWA) was held October 30-November 1, 1998, at the Harvey Hotel in Plano, Texas. Attendance at the 3-day event was approximately 400, plus a few curious hotel patrons.

Events on Friday included a tube/book auction and the main auction. Auction totals for Friday were \$20,088, with 529 items sold and 42 passes. Saturday included a silent auction followed by the main auction with 477 items sold and only 24 passes. Proceeds totaled \$41,583. The grand total for both auctions was \$61,671 — a new high over last year!

Some of the top bid items sold at auction were as follows: an Emerson 190 butterscotch Catalin selling at \$1,300; a FADA 652 Catalin at \$625; a Mir-Ray mirror radio at \$1,250; a Radiola Grand at \$850; a Motorola neon advertising sign for \$825; an RCA fluorescent ad sign at \$300; a Kennedy 281 at \$550 and a Kennedy 521 amp at \$625; a nice Philco 60 cathedral at \$400; two Predicta TVs at \$200 and \$320 respectively; an Edison Home phonograph at \$500; a Crosley 124 cathedral at \$250; a National HRO5-T1 with coils at \$270; and a Zenith 12A57 at \$500.

On Friday, VRPS had two excellent programs — the first, presented by Dale Davenport of Fort Smith, Arkansas, was on restoration. Bob Olinger of Flower Mound, Texas, and Tom Burgess of Little Rock, Arkansas, presented another on early television. Saturday's banquet featured an awards presentation and guest speaker Durell M. Roth of Austin, Texas, who gave a lively talk and slide show on coast-to-coast, border-to-border radio.



Michael Sherman, longtime VRPS auctioneer, takes a bid from the crowd.

The following list of items is a combination of all separate auctions. Accuracy of identification and condition is not guaranteed. An asterisk (*) indicates that the set is a "gold star" guaranteed by its owner to work perfectly and to have been restored. It also could be returned if the buyer was not satisfied.

e=excellent, vg=very good, g=good, f=fair, p=poor, unk=condition unknown, wk=works, nwk=not working, NT=no tubes, WT= with tubes, PS=power supply, N.O.S=new-old stock, *=guaranteed

Equipment

AC Dayton, NT	\$60
Addistone radio receiver, e	425
Admiral 4B22 portable, g, *	60
Admiral 7T10, f	30
Admiral portable, vg, *	30
Admiral radio/phono, p-f	10
Admiral TV, Bakelite, g	160
Admiral TV, restored, g	200
Airline 2-B-25	85
Airline 7A96, unk	14
Airline 15BR, g	25
Airline 15BR-1536B	85
Airline 15GSL, red, nwk	20
Airline 62-304, w/manual	60
Airline 62-368, nice	100

A warning: Auction prices are not current values.

Our selection of auction items is not necessarily complete. 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.

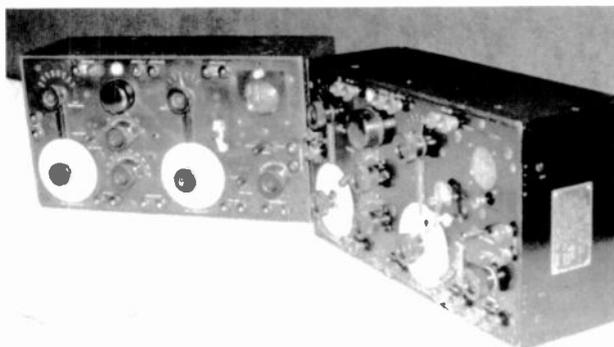
Airline 94BR52S, unk	20
Airline 1503B, recapped, nice	35
Airline chrome chassis, f	45
Airline console	90
Airline Global AM/FM, g	55
Airline LZ215	55
Airline table, battery set, wood	30
Airline w/tuning eye, g, *	80
American Bosch 28, AC, w/instructions, wk ...	75
American Bosch 430 tombstone, wk, g	260
American Bosch 305A, 1931-32, g	90
Apex 32, g	80
Apex 32 cathedral, w/o antenna, restored	170
Arborphone, NT, unk	50
Arvin 44A, missing knobs, f	45
Arvin 116T, g, *	20
Arvin 243-T, metal, g	60
Arvin 444 metal, hums, wk	50
Arvin 444, metal, g	45
Arvin 450TL, wk	18
Arvin 461TL, f	22
Arvin 552, Bakelite, g	20
Arvin 760T, Bakelite, f	25
Astatic desk microphone, unk	35
Atwater 20 console, NT	190
Atwater E speaker, vg	55
Atwater Kent "Jolly Jumpers" ad, uncut, e	25
Atwater Kent 35, NT, audios good, f	65
Atwater Kent 35, NT, f	35
Atwater Kent 44, w/rare Pooley cabinet, g ...	150
Atwater Kent 84, missing one knob, f	130
Atwater Kent 206 cabinet only, vg	55
Atwater Kent E3 speaker, wk, vg	50
Atwater Kent F2 speaker	50
Atwater Kent horn speaker, unk	70
Atwater Kent L horn speaker, p	35
Atwater Kent L horn speaker, wrong driver	60
Auburn AC82 cathedral, f	100
Audio amp, 1-tube, w/headphones	100
Automatic Radio Tom Thumb, maroon, w/decanter glasses	55
Avalon cathedral, restored	100
Aviola Bakelite, f	25
Baldwin Type C headphones, (2)	26
BC 314D chassis	30
Bendix 75P6U, g	45
Bendix 110, vg	75
Bendix 8475, w/clock, wk well, g	25



Blake Dietze explains to Christopher and Nicholas Fields, future collectors, about the role of wireless in the early days.

Bendix clock/radio, g	20
Bendix M-111 toaster radio, vg	55
Best tombstone, g	65
Bremer-Tulley Counterphase, NT	30
Bremer-Tulley speaker, wk, g	45
Brunswick 5KR, w/speaker table	140
Bulova M-110 clock/radio	15
Bulova trar sistor radio, 6", g	25
Cadet M-77, wk well	50
Cadet M-120, big	75
Capacitors 200V, (50), g	22
Channel Master transistor radio	10
Cheertone 579, wk intermittently, f	35
Chevy '57 transistor radio, novelty	30
Clarion Jr. cathedral, wk, f	80
Coil winder	55
Collins 1960 tank radio	80
Collins R-388, vg	100
Colonial tombstone, early set, wk, *	95
Comet C2, unk	40
Coronado 36L, 32V farm set	60
Coronado RA12-88121, f	20
Crosley 1K Merrymaker console g	130
Crosley 5-50, w/speaker, WT, g	85
Crosley 5M3 Fiver tombstone, restored	70
Crosley 6H2 cathedral, g	110
Crosley 10-135, (3), g, vg, vg	55, 90, 95
Crosley 10-136, vg	35
Crosley 10-136E, f-g	60

(Continued on following page)



A display by Howard Stone of two versions of the Sperry SE1012 in the contest received a 1st place in military receivers.



A U.S. Command Space Satellite Moon Radio had a bid of \$85.

(VRPS Auction, continued)

Crosley 10-138, vg	110
Crosley 10-401 TV, (2), unk	65, 45
Crosley 11-100U, vg	110
Crosley 11-102U, w/o knobs	90
Crosley 11-119, vg	150
Crosley 11-128, g, *	70
Crosley 51, NT, g	90
Crosley 51P portable, p-f	20
Crosley 58 Buddy Boy, Repwood, e	180
Crosley 58TC, vg	140
Crosley 66TC, wk well	70
Crosley 124 Playboy cathedral, vg	250
Crosley 158 cathedral, weak sound	95
Crosley 167 cathedral, g	130
Crosley 516, unk, g, wk, g	55, 55, 125
Crosley 630 clone TV, 1948	85
Crosley 716 tombstone, wk, vg	120
Crosley Showbox, metal, w/stand, f-g	120
Crosley 9105, AM/FM, f	45
Crosley B667-A tombstone, e	100
Crosley Bandbox, f	95
Crosley hybrid book radio, 1956, red, f	80
Crosley C418B, vg	120
Crosley D-25, "dashboard," g	90
Crosley D10WE, "bullseye," vg	110
Crosley F5RD, f	10
Crosley Fiver, plays, g	50
Crosley Gembox, f	20
Crosley Repwood, f	95
Crosley RFL-75, NT unk	35
Crosley Super Trirdyn, NT, f	50
Crosley World War II tank radio, 1960	80
Crosley 179 tapered tombstone, wk	130
Crosley tombstone, lights, nwk	75
Crosley Type F Dynacone speaker, f	30
Crosley, Deco, nwk	50
Crystal set, early	110
Dahlberg pillow radio, green	100
Dayfan battery set, early	50
DeForest crystal set, w/o crystal top, g	375
Delco 1102, wk	65
Delco, w/tuning eye, g	40
Delux, chrome front	140
Delux, unk	60
Dictograph Type R headphones, nwk	10
Dynavoice piano player unit, g	120



Seen in the contest, this Electro Importing version of the Mignon RC-1, which tunes from 100 to 1,000 meters, sold for \$6.50 in 1915 for use as a jeweler's time receiver.



This beautiful Motorola neon light sign brought a whopping \$825.

Echophone EC411, f	20
Echophone S4 cathedral, unk, g	90
Edison 4-min cylinder records, (15)	35
Edison 4-min wax cylinder records, (15), vg	40
Edison 100th anniversary bulb, repro, e	25
Edison cylinder phonograph, missing parts	100
Edison Home cylinder phonograph, vg	500
Electro-Voice microphone	25
Electro-Voice 630 microphone	20
Electro-Voice 664 microphone, (3), f, g, vg	25, 35, 50
Electro-Voice V-1 microphone, w/stand	100
Emerson radio, small, wood	55
Emerson 190 Catalin, butterscotch, wk well, *	1,300
Emerson 418, 1942	180
Emerson 522, f	30
Emerson 705, f	20
Emerson 869 transistor radio, vg	45
Emerson 988 portable transistor radio, f	35
Emerson 1957, w/case, *	45
Emerson 65268, g	45
Emerson AR173, w/Ingraham cabinet	100
Emerson AX-211, g	70
Emerson C14 TV, missing parts, unk	130
Emerson E-68 tombstone, unk	55
Emerson FU424 portable 6	30
Emerson T-17B, miniature, g, *	25
Erla cathedral, 1934, vg	120
Erla, Duraplex, NT, wk, nice	70
Etna 30A tombstone, vg	130
Everbest, f-g	25
Eveready 1, 1920s	40
Eveready speaker, wk	65
Eveready advertising sign	65
Fada 34, portable, p	35
Fada 652, Catalin, butterscotch	625
Fada cone speaker, needs rewk	150
Fada Neutrodyne, NT	60
Fada Neutrolette 192, w/01-A tubes, g	60
Fada 652 Catalin, 1946, e	625
Federal speaker table, w/tags, g	150
Firestone S4703 table, g	25
Freed-Eisemann NR5	35
Freed-Eisemann NR9, 1927	35
Freshman Masterpiece, 1924	55
Freshman Masterpiece, (2), NT, f, WT, g	30, 55
Garod 321, g	45
GE 14TO18 TV, f	80
GE 61 key, g	90
GE 115W, f	30
GE 150, 1949, g	20
GE 201, g	35



A unique presentation of tubes — a trash can full of 4-, 5-, and 6-pin tubes, as well as octals and some Type 45s — ready for curbside pickup if passed in the auction.

GE 218, g, *	40	Home-brew crystal set, clean	50
GE 226, g	15	Home-brew kit radio	35
GE 422, vg	20	Kadette Jewell	100
GE 648 portable, g	15	Kellogg headphones, g	20
GE 2710, f	15	Kennedy 281, WT, g	550
GE A-53, w/o knobs, unk	45	Kennedy 521 amp, vg	625
GE clock/radio, jewel-beaded, wk, nice	45	Knight amp, vg	20
GE K52, g	100	Knight push-button radio	55
GE T151B, f	20	Kolster 7A battery set	40
GE O60, slant-front, unk	50	Kolster K21, wk well	110
Geddes Exhibition hat, w/Hallicrafters logo	40	Kolster speaker, g	40
General Television piano/radio, novelty, g	160	L. Tatro 32-volt	60
Gloritone cathedral, wk	65	L. Tatro 32-volt cathedral	100
Gloritone 26P cathedral, wk, f	130	Lafayette, WT	60
Graetz radio, unk	50	Liberty Bell transistor radio, novelty, g	20
Grebe Synchrophase MU-1, WT, g	270	Little Tattler headphones, (2)	18
Gruen SW 4506	10	Londale, 5-tube, f	10
Grunow, 1936, g	135	Lowe-Opta, w/tuning-eye, European, f	25
Guild spice chest, vg	40	Majestic 44B, vg	130
Guild Country Belle, g	40	Majestic 360-B, g-vg	160
Guild Town Crier, wk	95	Majestic 461, Art Deco, chrome-front, f	100
Hallicrafters 5R10A, p	10	Mantola, repainted, vg	110
Hallicrafters 5R10, g	35	Master Craft 3YE, AM/FM, g	12
Hallicrafters R46 speaker, vg	110	Medical quack machine	35
Hallicrafters S-20R, w/manual, g	45	Midwest 180	75
Hallicrafters S-38, f	20	Mir-Ray (mirror radio), e	1,250
Hallicrafters S-38A, unk	55	Mitchell Lullaby radio, (2), unk, vg	25, 45
Hallicrafters SX-18	35	Mohawk, 1-dial, dud tubes, w/instructions	40
Hallicrafters SX-23, wk	55	Motorola 5A7A, g	24
Hallicrafters SX-62, f	40	Motorola 5R1, f-g	15
Hallicrafters SX-62A, f	45	Motorola 9T1 TV, 1949	160
Hallicrafters Sky Buddy, vg	85	Motorola 52M3U portable, vg	25
Hammarlund 160, vg, *	120	Motorola 61T21, g	35
Home brew regenerative	40	Motorola 63X, g	10
Home brew, 2-tube	40	Motorola S13 farm set	20
Home brew, 3-tube, 1920s	45	Motorola TV	80
Home-brew amplifier, 1920s	30	Music Master wood horn, f-g	75
		Musicaire 576 tombstone, restored	100
		National 183 communications receiver, unk	75
		National HRO-5-TI, w/coils, unk	270
		National NC-200, parts missing	35
		National speaker, wk	160
		Northern Electric 5703, vg	270
		Old Lager Keg Radio, (2), nwk, wk, f	130, 150
		Olympic 6501, unk	60
		Operadio speaker, brass	50
		Peerless speaker, f	40
		Philco 12-60 "Bing Crosby," f	25
		Philco 19 cathedral, complete, unk	80
		Philco 20 cathedral, wk, vg	210
		Philco 37-60 cathedral, f	50
		Philco 37-61 cathedral, 1937	140
		Philco 37-602, g	45
		Philco 38-7, wk well	170
		Philco 38-12, restored, vg, *	65
		Philco 40-125, wk	50
		Philco 40-150, vg	130
		Philco 40-180, vg	80
		Philco 41-220 table, g	60
		Philco 42-321, vg	45
		Philco 42-PT7 speaker, needs reconing	30
		Philco 46-131, g, *	20
		Philco 46-200, original box/manual, g	45
		Philco 47-204, g, *	50
		Philco 49-902, f	20
		Philco 49-906, g	30
		Philco 50T1106 TV, g	200
		Philco 51, hums, wk, f	45

(Continued on following page)

(VRPS Auction, continued)

Philco 52-562, 2-band, g	18
Philco 53-706 radiolamp & clock, restored...	130
Philco 60, g	100
Philco 60, wk, restored, nice, *	140
Philco 66 tombstone, some distortion, f	55
Philco 70, (2), unk, wk, g	225, 230
Philco 71 cathedral	85
Philco 71 cathedral, wk well	180
Philco 84 cathedral, (3), needs restoring, p, g, restored, vg	60, 65, 110
Philco 296 corner console, w/phono, e	900
Philco 348-10, f	10
Philco 1056 vanity radio, g	30
Philco 3812, (2), unk, restored, vg	40, 95
Philco 4180, w/o push buttons	95
Philco 52542 Transitone, f	14
Philco A52CK-1 clock/radio, wk	40
Philco battery cathedral	60
Philco chairside, 1937, g	50
Philco lowboy, f	50
Philco 60 cathedral, (2), p, unk	55, 110
Philco 90 cathedral, e	400
Philco Predicta TV, w/audio only	180
Philco Predicta TV 19", wk well	200
Philco Predicta TV, w/o antenna, wk well	320
Philco speaker, early	40
Philco T7126, its first transistor radio, vg	85
Pilot FM tuner, unk	40
Pilot TV-37U, 3-Inch TV, wk	170
Prominett radio, unk	40
Radio Master antenna/box	24
Radio table, 1920s	40
Radio transcription records, (21)	20
Radiolite antenna	60
RCA loop antenna wire	25
RCA Radiola 16, NT	60
RCA Radiola 18, WT, wk	120
RCA Radiola 21, WT, g	60
RCA Radiola 25, w/headset, WT, vg	140
RCA Radiola 33 w/speaker, legs, 1924, g ...	110
RCA Radiola 60, 2 cabinets, f-g	35



This 1920 Chicago Radio Lab Paragon tuner, shown with an Adams-Morgan 1-tube detector unit, was one of many outstanding exhibits in the contest.

RCA Radiola 60, burl'd top, WT, deluxe, vg ...	140
RCA Radiola 60, (2), unk, nice	70, 120
RCA Radiola 61-5, f, *	55
RCA Radiola 61-8, g	15
RCA Radiola 100 speaker, g	35
RCA Radiola 106 speaker, g	50
RCA Radiola AR812 superhet portable, NT ...	55
RCA Radiola Grand, NT, unk	850
RCA Radiola III, NT, (4), f, g	50, 50, 55, 80
RCA Radiola M-44 battery set, NT, g	50
RCA Radiola UZ-1325 horn, (3), g, g, wk, vg	75, 80, 100
RCA tombstone, 1934, restored	50
RCA Victor 2X61, f	10
RCA Victor 3VX671, nwk, f	25
RCA Victor 6BX41A, g, *	45
RCA Victor 6K2 console, w/o knobs, unk	30
RCA Victor 8X72, f-g	10
RCA Victor 9K1 console, unk	70
RCA Victor 9T246, TV, f-g	70
RCA Victor 9X571, vg	25
RCA Victor 19K console, nwk	80
RCA Victor 45J2 phonograph, wk	10
RCA Victor 56DX portable, unk	20
RCA Victor 1939 portable, restored	25
RCA Victor advertising sign, fluorescent, vg ...	300
RCA Victor AR77, wk well	50
RCA Victor BX57 portable, unk, *	60
RCA Victor BX57A, vg	65
RCA Victor coin-op radio, hums, wk	35
RCA Victor Deluxe TV, unk	35
RCA Victor Model 100, wk, vg	220
RCA Victor Model 1120, unk	130
RCA Victor Model K80, weak tuning eye	75
RCA Victor Nipper sign	20
RCA Victor phonograph, 45rpm	25
RCA Victor portable	50
RCA Victor portable TV, 1950s	20
RCA Victor projection TV, 1949	200
RCA Victor R7 tombstone, vg	85
RCA Victor R31RCDA	30
RCA Victor R225, Repwood, f-g	120
RCA Victor Radiola, 1947, wk well	40
RCA Victor RC477X, vg	60
RCA Victor T100 TV, 1940s, unk	60
RCA Victor T4-8 cathedral, g	65
RCA Victor T6-9, g, *	100
RCA Victor T7-12, w/tuning eye, f	45



This Etna Model 30A tombstone radio in very good condition sold for \$130.



This RCA Radiola Grand without tubes and in unknown operating condition sold for \$850.

RCA Victor M-1-TP-1E transistor radio	20
Records, 78s, mixed	30
Regal M-205, wk	22
Regency MR10 Monitoradio	15
Regency TR-1, red, g	225
Roberts 997 reel-to-reel tape recorder	15
SAAL horn speaker, vg	85
Scott 23-tube chassis, needs cleaning, g... ..	120
Scott Phantom pre-war chassis	20
Sentinel Art Deco, vg	65
Sentinel 118BT, vg	35
Sentinel 285D portable, vg, *	25
Sentinel 298, 1948, unk	25
Sentinel 306W, wk	40
Sentinel 322, unk	20
Setchell-Carlson 46, vg	90
S.G. Brown headphones, European, *	26
Shure 3B carbon microphone, g	85
Shure 51 microphone	35
Shure 710A microphone, N.O.S.	20
Silvertone 2, metal, f	35
Silvertone 62-30, restored	65
Silvertone 4492 tombstone, g	40
Silvertone 6327, vg	40
Silvertone 6951, f	15
Silvertone 9202, g	45
Silvertone battery set, 6-volt, w/PS, f	45
Silvertone M-2001, metal, g	20
Silvertone M241, f	20
Silvertone N900, vg	50
Silvertone table, Bakelite, g	45
Sky Rover tombstone, unk	55
Sonora RZU, vg	60
Sonora WDU249 portable, g	10
Sonora, push-button, wk, vg	150
Sony 8-track tape player	85
Sony Starlite TV, in carrying case	35
Sparton tombstone, w/o dial glass, cord	60
Sparton tombstone, wk well	60

Speaker table, wk well	80
Starlite transistor radio, g	12
Stewart-Warner 301, NT, f	40
Stewart-Warner Porto Baradio, vg	80
Stromberg-Carlson 335H, vg, *	120
Stromberg-Carlson 1101	55
Stromberg-Carlson 1101H, g	15
Stromberg-Carlson 1110, g	110
Stromberg-Carlson 1204, f	35
Stromberg-Carlson 1500H	25
Stromberg-Carlson amp, f	17
Stromberg-Carlson chairside, g	210
Stromberg-Carlson tombstone	100
Telchro 8H-59	20
Tower hom speaker, unk, f	50
Transmitter, 1930s	25
Trav-Ler 5028A, snakeskin	70
Truetone AM/FM, *	40
Truetone console, (2), f	45, 60
Truetone D727, w/motorized tuning, 1937 ..	140
Truetone D1002, vg, *	65
Truetone D2562, vg	25
Truetone Deco, w/o cord	45
Truetone, recapped and wired	65
Universal battery set, 32-volt	45
URC-6 battery set, g	50
U.S. Command Space Satellite, novelty	85
Utah speaker, unk	35
Victor Radio Electrola, 1929, f-g	50
Victor Victrola 4	170
Vietnam transistor radio, novelty	25
Violet Ray quack medical device, unk	45
Vogue Spice Chest radio, 1950s	80
Watterson 4581, vg	45
Watterson M-520, unk	16
Watterson M-650, g	35
WE headphones, *	20
WE horn speaker, 1916	45
WE telephone, g	40
Westinghouse Aeriola Sr., 1-tube, vg	160
Westinghouse grandfather clock/radio	180
Westinghouse H-126 "Refrigerator" radio, (2), f	50, 95
Westinghouse tombstone, g	70
Westinghouse WR262, 1929, wk, *	85
Windsor child's console, 1946, refinished ..	90
Woolarock 1946, f	50
Wurlitzer Lyric M-10, f	90
Zenith 4B127, g	130
Zenith 4V31 battery set, 6-volt	80
Zenith 5D0112, (2)	16, 30
Zenith 5D625, g	45
Zenith 5G03 clock/radio, (2), unk, g	28, 75
Zenith 5G534, hums, wk, g	70
Zenith 5R316, restored, g	90
Zenith 5R317 glass rod set, w/o rods, f	150
Zenith 5S218, nwk, f-g	160
Zenith 5S319 table, unk	80
Zenith 6D11, repainted, g	50
Zenith 6D315 portable, Art Deco	130
Zenith 6D411, nwk	25
Zenith 6D414, g	150
Zenith 6D510, g	40
Zenith 6D525, g	55
Zenith 6D625 table, g	60
Zenith 6G038R farm set, 3-way power, g ..	40
Zenith 6R087 console, unk, f	50
Zenith 6S52 console, f-g	180

(Continued on following page)

(VRPS Auction, continued)

Zenith 6S128 tombstone, large, hums, nwk ...	160
Zenith 6S222 table, vg, *	180
Zenith 6S222, black dial	150
Zenith 6S229 tombstone, wk, g	140
Zenith 6S527, push-button, vg	80
Zenith 6S632, restored, g, *	85
Zenith 7E01 AM/FM	20
Zenith 7HA22, AM/FM, f	25
Zenith 7S530, restored, wk, g	90
Zenith 8G005, missing parts	20
Zenith 8S463 console, wk, g	190
Zenith 9S357, needs work, f-g	170
Zenith 9S367, restored, w/o band selector	260
Zenith 10S669 console, restored, wk, g	200
Zenith 11S474, w/tuning eye, restored	300
Zenith 12A57, vg	500
Zenith 12S265, broken tuning dial, g	325
Zenith 52, g	60
Zenith 65S11, g	65
Zenith 500D, wk	26
Zenith 705, 1934, wk, g	130
Zenith 710 & 880 transistor radio	10
Zenith 807 tombstone, (4), unk, g, vg, wk, vg	150, 150, 160, 180
Zenith 825 table, hums, wk, g	75
Zenith 1103, hums, missing parts, f-g	190
Zenith 1172 AM/FM	20
Zenith 5808 console, 1940, vg	260
Zenith 7134 portable, 1942, leatherette, f	35
Zenith A600 Trans-Oceanic, vg, *	100
Zenith A600L Trans-Oceanic	75
Zenith advertising sign	50
Zenith C430W AM/FM	10
Zenith cube radio, g	60
Zenith G33	75
Zenith G723, new caps	40
Zenith H500 Trans-Oceanic, (3), p, unk, unk	40, 170, 170
Zenith H500 Trans-Oceanic, European adapter, f	75
Zenith H5034, f-g	30
Zenith H511, f	40
Zenith H615, f	15
Zenith half-console, 1940s	110
Zenith J504Y portable, *	90
Zenith K510W, g	30
Zenith L600, w/papers, w/headphones, f	70
Zenith M724, wk	15
Zenith M760, vg	170
Zenith M2405, wk	14
Zenith M3000-1, wk	85
Zenith M86005, wk	35
Zenith R510W	30
Zenith R512R, wk	26
Zenith Royal 200 transistor radio, (3)	28
Zenith Royal 3000-1 portable, f	90
Zenith Royal 7000, very clean	190
Zenith S64184 clock set	10
Zenith T404	45
Zenith Trans-Oceanic, f	75
Zenith TV, 1951	50
Zenith TV, no raster, f	20
Zenith Wind-Charger DeLuxe, vg	150
Zenith Y600 Trans-Oceanic, f-g	60
Zenith Z512Y, wk	25

Tubes

Tube(s): 01-A, (5), g	\$70
Tube(s): 6B6, (18)	10



This National HRO-5-T1 communication receiver with coils sold for \$270.

Tube(s): 45, Globe, weak, (2)	30
Tube(s): 45, N.O.S., (2), g	55
Tube(s): 45, N.O.S., in boxes, (2)	25
Tube(s): 80, new, (3), g	68
Tube(s): 555A, 555-9, (3)	10
Tube(s): tube caddy, empty	10
Tube(s): Cunningham 71A, (3), g	30
Tube(s): misc., in boxes, (40)	575
Tube(s): Philco 80, N.O.S., (5), g	65
Tube(s): WD-11 adaptors, (4), g	40
Tube(s): WE 205D, g	150

Literature

Beitman, <i>Most Often Needed Diagrams</i>	\$20
Collins, <i>Radios Redux, e</i>	20
Crosley <i>Simplicity of Radio</i>	10
Hawkins Electric books, (6)	40
<i>Made In Japan</i> , transistor book, vg	20
Philco 28-42 service manual	15
QST, World War II era, (58)	50
<i>Radio Boys</i> books, (4)	30
Raytheon B rectifier/instructions	10
Riders TV 1	30
Riders Vol. 1	35
Riders Vol. 1, g	40
Riders Vols. 1-5 abridged, (2)	25, 50
Riders Vols. 3-5	50
Riders Vols. 4, 6, 8 & TV 7	30
Riders Vols. 6,7,8	30
Riders Vols. 6-8	20
Riders Vols. 9-11	45
Riders Vols. 9-13	35
Riders Vols. 12-14	30
Riders Vols. 14-17	55
Riders Vols. 18-20	90
Riders Vol. 20	55
Sams radio/phono manual	15
Stewart-Warner, late type stock certificate	10

Photo credits: George Potter and John V. Terrey.

(George Potter, 536 Drexel Dr., Lewisville, TX 75067-2974)

For information on the Vintage Radio & Phonograph Society (VRPS), contact George Potter, P.O. Box 165345, Irving, TX 75016. VRPS publishes "The Reproducer" quarterly and "Soundwaves" monthly. Dues are \$13.50. The club holds monthly meetings, a spring auction, an annual convention, and summer swap meets.

JANUARY 1985

COLLECTORS CORNER



CONTRIBUTED BY: FRANK HEATHCOTE, 1235 N. 3RD ST., LOGANSPORT, INDIANA 46947

(Frank's address in 1999 is: 978 Sherman St., Logansport, IN 46947)

The Pilot Radio & Tube Corp. was famous throughout the world for its short wave kits in the late 20's. The demand for Pilot products overtaxed their Brooklyn, New York plant and new quarters were sought. Anticipating continued growth they moved into a new plant at Lawrence, Mass., claimed by Pilot to be the largest plant in the world owned and operated by a radio manufacturer. The main building was five blocks long and the factory contained one and a half million square feet of useable floor space. Almost all parts used in the manufacture of Pilot radios, except speakers, were made there.



PILOT MIDGET

For the 1930-31 season, Pilot introduced their first factory assembled receiver, the Pilot "Midget", catalogue #S-155. It was a 6 tube tuned radio frequency set weighing 32 pounds housed in a cabinet of walnut veneer 17" wide, 8½" deep, and 17½" high. It retailed for \$59.50 less tubes.

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

Type 24 tubes are used in the 2 RF stages, along with another as the detector. This is followed by a resistance-capacity coupled type 27 tube in the 1st AF stage transformer coupled to a 45 tube in the final AF stage. Direct current is provided by an 80 rectifier tube.

In the early version, volume is controlled by a 50K ohm potentiometer varying voltage to the screen grids of the RF tubes. In the later version, a 4K ohm potentiometer controls antenna and cathode bias.

The chassis is one piece pressed aluminum. The 6 tubes are in a line along the back of the chassis. In the left front of the chassis is a 3 gang "Vaultype" tuning condenser. To the right is a power pack comprising the AF transformer, 1st choke, and 4 filter condensers. Underneath are "Twin-Coupler" RF coils, power transformer, and by-pass condenser block. A 6" Rola cone speaker is used with its tapped field coil acting as 2nd choke and part of the voltage divider system. A 110 volt direct current version was also available using four 01A and two 71A tubes.

The Pilot midget is not a commonly found set and its unusual styling make it a worthy collectable.

Next month will feature the 1930 Radiotrope 27 consolette. Happy collecting... Frank & Diana Heathcote.





RADIO MISCELLANEA

"Radio Miscellanea" includes items of general interest selected from A.R.C.'s incoming correspondence. "In The Marketplace" items are based on information submitted by the businesses themselves. "From The Internet" items are obtained from internet newsgroups and other internet resources. Submitted items should be verified for accuracy; items may be edited by A.R.C. for publication, and publication is not guaranteed. See the masthead for more details.

Freshman Polydyne Memories

Dear Editor:

Thanks for the article in the March 1998 A.R.C. on the Freshman Polydyne. I was reminded that at the tail end of the 1920s (having been born in 1915), and being an eager beaver for radio, I took some of my hard-earned money from harvesting Walla Walla onions and invested in one of the Q-15s in a steel box, with cabinet and magnetic cone speaker. It is shown in *Radio Manufacturers of the 1920's, Vol. 2*, page 32, as a Q-16.

That radio had a Type 222 tube, which soon went dead. A replacement was outside my budget, so I substituted a Type 230 tube with appropriate filament dropping resistor. The radio worked OK until 1934, at which time the power transformer shorted out. By that time, I was wheeling and dealing in radios, since I was in the repair business, and I gave my folks a more up-to-date console.

A few of the radios I repaired were expensive and elaborate consoles with Type 201-A tubes and a "slop jar" rectifier power supply. While collecting radios of the 1920s today, I haven't run across any slop jar supplies — not that I would want one!

Thanks again for your excellent articles.

Ben Wilken, Sweet Home, OR

For you, Ben, and all the other lovers of the set, Dale Davenport has contributed yet another article on the Freshman Polydyne for this issue. (Editor)

On Buying Sight Unseen

Dear Editor:

Having read Gerry Harmon's letter in the March '99 issue about advertiser problems, I have a few thoughts in mind. Radio collectors are always upgrading their collections by replacing favored models with better examples. One would be very naive to expect museum or mint quality specimens to be sold through open advertising. Unwanted units are being recycled for other collectors.

When buying sight unseen, ask very specific questions prior to the purchase and expect very specific answers. If specific answers are not given, don't buy the radio. Anyone buying a radio when a question is answered, "No problem," is unwise.

Mike Koch, Yorba Linda, CA

Radio Expo in Portugal

Dear Editor:

I would like to inform A.R.C. subscribers of an exposition of old radios at the Sport Building/Village, in Vagos, Aveiro, Portugal, April 10-18, 1999. It will be comprised of about 1,000 sets dating from 1920 to 1960. The various countries of origin include America, Germany, the United Kingdom, France, Sweden, the Netherlands, and Italy.

For more information, contact: Manuel Antonio Da Silva, Rua Da Central, No. 376, 3840 Vagos, Portugal. Tel: 00-351-34-791252. Fax: 00-351-34-793438.

Pot Lubrication Suggestion

Dear Editor:

This letter is in reply to C.J. Poulos' inquiry in the March issue regarding a lubrication product for volume controls. In addition to repairing antique radios, I am a model railroader and use a product on brass tracks to keep them from corroding to increase electrical pickup. This product is WAHL Clipper Oil. A few drops restores that silky feel to a pot. You can purchase it at barber and beauty supply houses, or have your barber get it for you.

Michael L. Ryan, Mill Hall, PA

Disk-Shaped Radio ID

Dear Editor:

The unknown radio shown in your *Photo Review*, February '97, p. 13, and again in the March 1999 issue, p. 15, is a General Television Model 5A5 "Spy Radio," ca. 1938. It appears to me to have Detrola knobs, possibly made for the company by Detrola(?). I have this radio and mine has a sticker on the front saying "GF Sales Co., Chicago, Illinois."

Jim Hauskins, Bloomington, IL

Dear Editor:

In the March 1999 issue of A.R.C., a disc-shaped radio is shown asking for the identity of the manufacturer. I have the same radio. On the back is a metal plate with the following information: "Licensed under patents of Radio Corporation of America, General Electric Company, Westinghouse Electric & Mfg. Company, Hazeltine Corporation." There is also a sticker on the back which reads: "G&F Radio Patent applied for. For maximum efficiency for local and distance reception, add 15 to 25 feet of aerial. For foreign reception add 40 to 50 foot outdoor aerial." The serial number for this unit is 25-174958. I hope this information is helpful.

J. Melvin Isett, Huntingdon, PA

Following these leads reveals an example in "Machine Age to Jet Age II" by Mark Stein on page 148. And yet another can be found on the cover of the 1997 tube catalog of Electron Tube Enterprises, Essex, Vermont, which clearly shows the G&F Sales Company, Chicago logo on the lower portion of the disk.

It appears that the mystery is now solved. (Editor)

New Subscribers Speak

Dear Editor:

I ordered a 6-month subscription on February 26 and received my first copy today, March 4. Your service is amazing! I am accustomed to waiting two or three months for the first issue of a magazine to show up.

Alan McFarlane, Aberdeen, SD

Dear Editor:

I am a new subscriber and wish to compliment you on your excellent publication. I look forward to receiving each issue and read each page with real satisfaction.

Charles Cross, Valdosta, GA



CLASSIFIED ADVERTISEMENTS



WANTED: National HRO5-A1 coil sets E, F, and J. Need black wrinkle finish with metal frequency plates. Mid to late 1940s manufacturing dates preferred. Don Barsema, 1458 Byron SE, Grand Rapids, MI 49506. (616) 451-9874. E-mail: fsmv34a@prodigy.com

WANTED: Can someone help me with a pot metal problem in a Metrodyne 7 console battery set? Nothing is broken or missing but the plates on the tuner are out of line. This is a monstrous large ornate set with a big internal horn. I like this set and would like to get it running. Please help if you can. Will pay whatever Call or write. Vaughn Rudisil, 17 Pearsall Ave., Deer Park, NY 11729. (516) 822-4501, days. (516) 667-5247, eves.

WANTED: Dead or alive. National NC 100A (with meter). Should be complete. Donald P. Rossbach, 5281 Meadowlark, NW, No. Canton, OH 44720. (330) 497-8944. E-mail: dpross1342@aol.com

WANTED: Tube with battery portable plastic radios. \$200 and up paid for many two-tone Japanese 1950s sets that fit in a big pocket. Damaged beauties also purchased. Mike Brooks, 7335 Skyline, Oakland, CA 94611. (510) 339-1751. E-mail: miniwave@aol.com

WANTED: Quack medical equipment, especially early shock/electronic stuff, spectrochrome, any Abrams E.R.A. equipment such as oscilloscopes, dynamizers, etc. Tesla/Oudin induction coils. Magnetic therapy or any other scary or interesting stuff. Send picture/description or call. David G. Rickert, 2107 5th St., Apt. 1, Arlington, VA 22204-1931. (703) 486-2782

WANTED: Pilot battery Super Wasp to restore or replicate. Need parts, junkers or restorable sets. Bill Jelinek, 3985 Manor Loop, Rhinelander, WI 54501. (715) 362-2909

WANTED: Radio chassis and speaker for Maestic console 92 in good working condition. Charles H. Cross, 2103 Delvid Ave., Valdosta, GA 31602. (912) 242-0861

WANTED: Phonograph related advertising items: Vogue picture records, original dealer advertising from Edison, Victor, Columbia. Needle tins and cutters, Nipper advertising items, calendars. Record brushes and dusters. Pocket advertising mirrors. Dealer lapel pins, posters, puzzles, fans, broadsides. Edison, Columbia, and any wax cylinder records. Phonograph toys, toy phonographs. Thanks. Bernie Seinberg, 714 Moreton Rd., Meadowbrook, PA 19046-1907. (215) 886-6124. Fax: (215) 638-2265. E-mail: phonoman-bernie@worldnet.att.net

WANTED: Tube hi-fi/commercial amps, preamps, mixers, etc. Altec, McIntosh, Marantz, Dynaco, Scott, Fisher, Western Electric, Ampex, RCA, Leak, Quad & others considered. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355. E-mail sonnyound@aol.com

WANTED: It's the round one, excellent original working Wilcox-Gay A-17. Joseph Di Caro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. (905) 848-7759. E-mail: fox@globalseve.net

WANTED: Older American guitars, amps; Jensen speakers. Also, effects units (need not be U.S.). Mac Lore, 70 Slayton Rd., Montpelier, VT 05602. (802) 223-4620

WANTED: I need the tuning crank for the Country Belle telephone-radio by Guild. James E Bailey, 803 N. Waukesha, Bonifay, FL 32425. (850) 547-4985. E-mail: baileyj@digitalex.com

WANTED: Gonset Communicator II & III Series radios. Anything Gonset! 2 & 6 mtrs, civil defense, CAA, G-28, G-50, 3226 VFO, etc. & accessories & manuals. Daniel Cahn, 3444 Greenwood Ave., Los Angeles, CA 90066. (310) 398-3840, msg. Fax: (310) 398-7159. E-mail: DanielC411@aol.com

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 • resolve problems promptly if the buyer is not
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WANTED: Klitzen radio from Racine, Wisc. wanted. Also, any Radiodyne items. Jim Mercier, 3911 Lathrop, Racine, WI 53405. (414) 554-0488

WANTED: General Electric Model 405, AC/DC AM clock/radio, gray case, white front, ca. 1959. Thomas D. Fallon, 159 Riva Ave., Milltown, NJ 08850. (732) 545-0417

WANTED: Zenith radio Model 10H571, built 1941, chassis 10A3 Robert Barbuto, 9609 Falls Bridge Ln., Potomac, MD 20854. (301) 299-5717 or (800) 230-9548

WANTED: Eico 239 schematic. Wendell Scroggins, 27 Jefferson Ave., York, PA 17404. (717) 845-6678

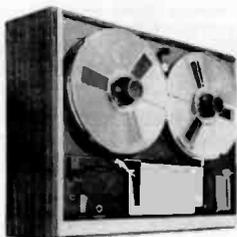
WANTED: Unbuilt radio kits from correspondence schools or Heath, etc. Art Sabin, 315 Plymouth, Chicago, IL 60604. E-mail: 7Sabin@jmls.edu

WANTED: Philco 90 cathedral. Mark Hewitt, 6659 Tipperary Trl., Roscoe, IL 61073. (815) 623-8729

WANTED: Incomplete, damaged telegraph and vibroplex style keys, parts, pieces, also new items. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. Pkt Mail: W2IOJ@KE2VW.#WNY.NY.USA.NOAM

FOR SALE: N.O.S. capacitors: 600 mFd @ 40v - 30¢ ea.; 500 mFd @ 25v - 55¢ ea.; 220 mFd @ 35v - \$1.50 ea.; 50 mFd @ 25v - \$1.50 ea.; 2200 mFd @ 35v - 8¢ ea.; and 0.1 mFd @ 400v - \$2 ea., these are vitamin Q, grounded case, one lead only. Shipping included to lower 48. \$65 for all. A.M. Eisenstein, 10815 Falstaff Rd., Sebastopol, CA 95472

FOR SALE: Solid-state RF signal generator with RF cable and manual - \$75. Knight G-30 grid dip meter with manual - \$34. Plus shipping. Ross Wollrab, 9990 Holly Ln., Apt. GS, Des Plaines, IL 60016-1428. (847) 759-0651. E-mail: REWollrab@aol.com



FOR SALE: Vinyl is not dead, and is alive and well, and living in components like this vintage Sony Model TC-155 reel-to-reel stereo tape deck. This high-quality unit comes with its original instructions and is in good working order - \$55. Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649. (508) 477-1578, before 9 pm please

FOR SALE: Dual Electrolytic capacitors, 50-30 MFD at 160 VDC - \$3.75 ea. for 4 or more, includes P&H. Many other types in stock. Also new manufacture stud mount, clamp mount, twist prong, and octal based capacitors. Call or write for free flyers. DH Distributors, PO Box 48623, Wichita, KS 67201-8623. (316) 684-0050 w/f

FOR SALE: Record storage albums, three 45s, five 78s & 78 sleeves - \$40 includes shipping. Kathy Beam, 506 Reservoir Rd., Gardners, PA 17324. (717) 677-7094

FOR SALE: Due to stroke, selling radios, horns, speakers. List 20-30-40; 50-60; don't work, need repair. Send two (2) stamp large SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

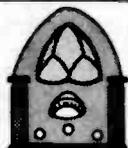
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FOR SALE: Novelties: Knights head - \$30; Cannon - \$30; Liberty Bell - \$25; French telephone - \$30; Gramy phone - \$30; all excellent and playing. UPS extra. Karl Stegman, 4 Cresthaven Dr., Belleville, IL 62221. (618) 234-7992



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For complete details incl. old equipment contest categories and rules, agenda, etc., see April and May *Radio Age*, write to Brian Belanger at above address, or see: <http://www.maarc.org>

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WANTED: Knobs for Hallicrafters Model 538 or 553, part # 15-A-047 and Crosley E15 (A.R.C. June '94 p. 15). Grant Sesak, 723 Talbot Ave., Winnepeg, Manitoba, Canada R2L 0S2. E-mail: gsesak@mail.autobahr.mb.ca

WANTED: Majestic tombstone Model 291. Radio & cabinet must be complete. Dave Stott, 29 Willow Bee Ln., Middletown, CT 06457. (860) 344-0697. E-mail: dkstott@compuserve.com

WANTED: Dry Battery Receivers With Miniature Valves, by Rodenhuis, or other Phillips Technical Books. Larry Lisle, 3030 Rutgers Pl., Rockford, IL 61109. (815) 397-9595

WANTED: A diagram or any info on RCA chassis or Model RC 1054G. Carlos Martinez, 21 Colonel Irizarry St., Cayey, PR 00736

WANTED: Yaesu FP800HD power supply. Cash, or swap for my long list. George H. Goldstone, W8AP, 1010 Burnham, Bloomfield Hills, MI 48304. (248) 642-7673

WANTED: National Union or other uncommon tube characteristics manuals. Westinghouse, Raytheon, Mullard, etc. Marion L. Clemens, KC8KCP, 10129 Lapeer Rd., Davison, MI 48423

WANTED: Antique demonstration, scientific apparatus, electrical and optical, early microscopes. Wissner, Box 102, Ardsley, NY 10502. (914) 693-4628. E-mail: wissner@bestweb.net

WANTED: Still looking for depression-era Oriole radios, especially 1936-38 farm sets. Tracy Sands, 8850 Walker St., Cypress, CA 90630. (714) 527-5728

WANTED: The juvenile fiction book, Young Wireless Operator With U.S. Secret Service, by Theiss. Robert Stapleford, 1800 S.W. Randolph Ave., Topeka, KS 66604-3158

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WANTED: Arvin 517 tombstone chassis! See Stein, Vol. 1. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: radios@email.com

WANTED: Your unwanted table sets. Will trade tubes or other electronics you need. J. Gielczyk, 5456 Katherine, Saginaw, MI 48603. (517) 799-7233

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FOR SALE: Due to stroke, selling transistors and novelty. Send SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

FOR SALE: 281/521, table, 1921, mahogany. 2 units, receiver & 2-stage amp, 3-dial receiver panel, lift tops, battery (mint). Richard Lee, PO Box 6, Mt. Sterling, WI 54645. (608) 734-3131

FOR SALE: Have many many transistor radios for sale. Will sell one or all. Doug Ferrero, WB8YNZ, 70173 Hillside Ct., Romeo, MI 48065. (810) 336-0120. E-mail: ynzdsd@bignet.net

FOR SALE: (270) Sams Photofacts, 100s through 1300s - \$135 for the lot, plus shipping. Curt Lutz, 1021 N. Hickory Pl., Broken Arrow, OK 74012. (918) 251-4915. E-mail: antiqradio@aol.com

FOR SALE: Quality reprint operators manual for Zenith Trans-Oceanic H500, black leatherette stock paper, gold printed cover, 32 gloss pages, clear crisp pictures. Includes copy of original Zenith schematic and copy of station log card - \$17 plus \$1 postage. G500 (tan cover) and R600-R600L manuals and Zenith schematics for - \$15 plus 75¢. Includes "This Radio Belongs To" sticker. Just added T-O 3000-1 reprint operators manual, full color cover, five languages, 42 pages for - \$16 plus 75¢ postage. Mike Koch, 17355 Golden Maple Ln., Yorba Linda, CA 92886. (714) 961-0261. E-mail: rkoch17355@aol.com

FOR SALE: HP USM-281A 50 MHz scope with manual and two probes - \$240. Ross Wollrab, 9990 Holly Ln., Apt. GS, Des Plaines, IL 60016-1428. (847) 759-0651. E-mail: REWollrab@aol.com

FOR SALE: WWII British B2 MKII suitcase spy transmitter/receiver complete with power supply, coils, key - \$3,500. Jim Taylor, G4ERU, No. 5, Luther Rd., Bourne-mouth, BH9 1LH, England. Tel/fax: 44(0) 1202-510400

FOR SALE: McIntosh stereo; MR65B tuner, C20 preamplifier, MC240 amplifier. Excellent condition - \$4,200. Ben Deovlet, W6FDU, 933 Robin Ln., Campbell, CA 95008. (408) 374-9519

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FOR SALE: Price reduced! Approx. (350) Sams Photofact Manuals, 1960s-70s, mostly TV - \$200 for all or \$2 ea. Realistic and Monarch VOMs - \$5 ea. Misc. TV tubes - \$2 ea. Misc. coils - \$2 ea. All untested, all plus shipping. Lee Kuntz, 3627 Keystone Ave. #2, Los Angeles, CA 90034. (310) 839-4378. Fax: (310) 204-4290. E-mail: lskassociates@compuserve.com

FOR SALE: U.S. Eur. audio, ind. tubes N.O.S. boxed. R. Stanley, 11 Kimball Ter., Newtonville, MA 02460. (617) 969-5934

FOR SALE: (27) ballast tubes - \$7.50 ea., or \$125 whole lot. (20) auto radio vibrators, 6 & 12 volt - \$10 ea., or \$150 for whole lot. Tube checkers, as is - \$5 ea. Century FC 1, Supreme 599, Simpson 305. Atwater Kent Model 80 front dial with 3 controls and 2 switches - \$60. Type N speaker - \$75. Rectifier tubes, new, such as 1B3, 3A3 - \$2.50 ea. Free color bar generator with purchase of CRT checker B&K 470 or Sencore CR 168 - \$50 ea. Sams dial restringing books, copies - \$10 ea. Sams tube location guide for over 1,000 radios - \$20. JJ Papovich, 53 Magnolia Ave., Pitman, NJ 08071. Phone: (609) 582-8279. E-mail: jjpapo@juno.com

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.0068-630-AL	.0068	\$ 6.35	25¢
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.022-630-AL	.022	\$ 7.00	28¢
.033-630-AL	.033	\$ 7.25	29¢
.047-630-AL	.047	\$ 7.50	30¢
.1-630-AL	.1	\$ 8.00	32¢
.22-630-AL	.22	\$ 15.00	60¢
.47-630-AL NEW	.47	\$ 20.00	80¢

ELECTROLYTICS: Volt 160 Axial Leads			
Part Number	Value	\$	Each
22-160-AL	22	\$ 16.00	64¢
33-160-AL	33	\$ 21.00	84¢
47-160-AL	47	\$ 24.00	96¢

Volt 450 Axial Leads			
Part Number	Value	\$	Each
10-450-AL	10	\$ 18.75	75¢
22-450-AL	22	\$ 28.00	\$1.12
47-450-AL	47	\$ 45.00	\$1.80
47-450-AL10	47	\$ 20.00 (per 10)	\$2.00

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WANTED: Crosley Models as follows: cathedra s 130 & 171; chatterbox intercom C417A; Johnny Smoker, Repwood 47; Victory Model 63 TAWC; new 61-1935 large tombstone 7H3; metal case, Travette 163; quick tune 547; push-button tombstone 718. Ronnie Kaczmar, 5747 Williamson, Dearborn, MI 48126. (313) 582-4348

WANTED: Radio chassis/speaker for Stewart-Warner console R1264A, or chassis R126. Mr. & Mrs. L. M. Page, 4138 N. Highway 41, Mullins, SC 29574-9359. (843) 464-6887. E-mail: Pagehaven@aol.com

WANTED: Detrola 163 or Truetone D-694 console with 15 tubes and 2 speakers. Scott Flaucher, 41100 Plymouth Rd., Plymouth, MI 48170. (734) 737-4221. E-mail: scott.floucher@unisys.com

Classified Ad Deadline Noon

Apr. 10 for May 1999 Issue

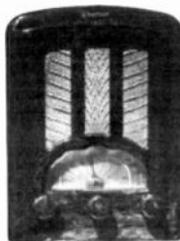
May 10 for June 1999 Issue

Boxed, Photo, & Display Ads - 1st

WANTED: Technical information/schematic for Heathkit stereo tuner Model AJ43D and amplifier Model AA21D. Ted Biser, PO Box 2, Lorentz, WV 26229. (304) 472-4202

WANTED: (2) owner's manual for Zenith T-O 8G005YT. Bob Sherwood, 202 D SW, Miami, OK 74354. (918) 542-6058, call collect

WANTED: WWII Japanese military radio of any kind; anything WWII Japanese military hardware, especially aircraft related. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, 246 Japan. Fax: 011-8145-301-8069. E-mail: taka-doi@a2.cktv.ne.jp



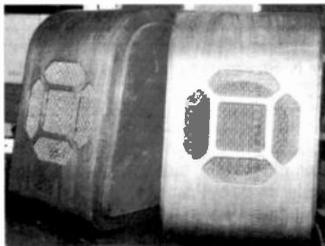
WANTED: Emerson Catalin radios. Nobody pays more than I. What an arrogant and inaccurate thing to say. I mean, like there isn't anyone wealthy enough, dumb enough, desperate enough – or any combinator of the three – to pay even a dollar more than I would pay. I mean, c'mon, who am I trying to kid! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Nice cathedral or tombstone cabinet to fit my Philco Model 60 chassis. Dick Stewart, 656 Squire St., Colorado Springs, CO 80911-2634. (719) 392-9694. E-mail: StewartWCF@aol.com

WANTED: Dynamic speaker, round, 5-inch dia. 1K field, good condition only. Ralph Michelson, KG8FA, 4538 Golfview Dr., Brighton, MI 48116. (810) 225-9825. E-mail: KG8FA@webtv.net

WANTED: Navy radios from the 1930s. Look for Bureau of Engineering on the datatag. William Donzelli, 15 Gen. MacArthur Dr., Carmel, NY 10512. (914) 225-2547. E-mail: william@ans.net

WANTED: Red Crosley Bullseye radio D10-RD, WWII walkie talkie BC-721. Bill Jewell, 3800 Ridgehaven Rd., Fort Worth, TX 76116. (817) 377-4664. E-mail: OldRadios@aol.com



WANTED: Wall speaker cabinets exactly as pictured. RCA Selector tube. Audio input and output transformers. Popular Electronics magazine, year 1975. V. Vogt, 2311 Pimmit Dr., #114E, Falls Church, VA 22043. (206) 295-4418. E-mail: vcmv@webtv.net

WANTED: Speakers, hi-fi/commercial. Altec, Western Electric, Electro-Voice, Quad, Tannoy, Jensen, JBL, Lansing, Goodmans, RCA, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355. E-mail: sonnysound@aol.com

WANTED: Heath advanced weather computer Model IDS-5001, complete with all components and manuals. W.J. Klewchuk, PO Box 927, Wadena, Saskatchewan, Canada S0A 4J0. (306) 338-2264

WANTED: Philco aligning adapter No. 45-2767. Oscillator coil for Philco 89B or 19. Antenna coil RFT #1 for Atwater Kent Model 82. Output transformer for Crosley Model 124. Paul M. Williams, 2364 Beaver Valley Pike, New Providence, PA 17560-9622. (717) 786-3803

WANTED: Hallicrafters HT-6, HT-9, SX-28, WWII military handheld instructograph, old telephones (1920s-1930s). Bob Moncrieff, KE6E, 11456 Richardson St., Loma Linda, CA 92354. (909) 824-1133

WANTED: Siemens high voltage oil/foil capacitors: 3 ea. 4x1 uF/1500v, V5677A, Ko Bv 879all; 1 ea. 0.05 uF/1500v, V5677D, Ko Bv 4087all; 1 ea. 6uF/1350v, V5677, Ko Ko spec. L. Larsen, 1332 Wagon Train Dr., S.E., Albuquerque, NM 87123. (505) 292-7896, before 10pm MST

WANTED: Altec-Lansing 1579A transformers, 9475A preamp tray, 13367 Hi-Z input tray. Rob Leftwich, 3718 Chesterton St., Roanoke, VA 24018. (540) 989-4235. E-mail: rleftwich@earthlink.net

WANTED

Zenith: 16-A-63, 16-A-61, 15-U-272, 15-U-270, 15-U-269, 15-S-373, 15-S-372, 12-A-58, 12-U-159, 12-S-267, 10-S-155, 10-S-130, 9-S-263, 6-S-128, 990, 985, 980, 808, 809, 811, S829.
Philco: 37-116X, 38-116XX, 1.6B, 16X, 20 Deluxe. RCA: C-15, C-13, 15K. Grunow: 1541 Teledial.

Contact: Mike at 813-832-1921.

E-mail: RADIOHUNT@aol.com

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FOR SALE: (1) Microphones Shure 588SA, (2) Astatic D104 w/ stands - \$20 each + post. Don Carver, 174 84th Ave. N, St. Petersburg, FL 33702. (727) 577-5355

FOR SALE: UPS extra. Zenith Royal 1000-D set works, needs cleaning, etc. - \$125. Zenith chassis & speaker Model 6S362, has cabinet bezel & knobs - \$90. Transistor olds 1959 pull-out radio - \$125. Early variocoupler made by Fischer in oak box, appears to be part of a modular system - \$350. Also available: Philco grandfather clock Model 470; Zenith Aviatrx Model 767; RCA R90-P console. Richard Foster, Antique Radio Service, 12 Shawmut Ave., Cochrutuate, MA 01778. (800) 201-2635, 9-5

FOR SALE: Ceramic tube sockets, receiving and transmitting, octals to flanged 50 watters. SASE for list. Bill Riley, W7EXB, 863 W. 38th Ave., Eugene, OR 97405-2375. (541) 345-2169

FOR SALE: Sanyo R100P wristwatch/radio N.I.B. with headphones - \$25 + ship. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

FOR SALE: (8) consoles - \$100 ea. for pick up only: Philco 37-9 1937, Philco 86 1929, Philco 86 with table leaf 1929, Philco 89 1935, Philco 96 1930, G-56, 1938, Zenith 6S44? blond wood chairside, fair, 1938, Zenith 5S250 1938. I also have a large coffee table radio Brunswick, with tiger-claw legs 1938 mint condition this one is - \$500! Richard Brill, PO Box 5367, Old Bridge, NJ 08857. (732) 607-0299. E-mail: Rgbent@aol.com

FOR SALE: Collector tube: Used Western Electric 102-F tennis ball - \$135 ppd. Joe Smolski, 835-A Pleasant St., Framlingham, MA 01701. (508) 879-2778

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FOR SALE: The Milliwatt QRP Journal. (16) original issues from vol. 1, #1 - \$25 ppd. Mike Bittner, 27215 Sunnyridge Rd., Palos Verdes, CA 90274. (310) 377-4797

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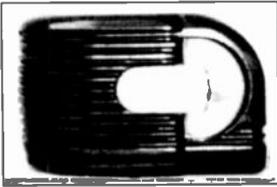
FOR SALE: Due to stroke, selling misc. (Hallicrafters, crystal set, tube checkers, etc.). Or military equipment and books. Send SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

FOR SALE: Following new tubes, selling as one lot: (2) 6LQ6, (1) 8417, (2) 7868, (1) 12AX7A, (1) 7591A, (3) 6BQS, (1) 5881, (1) 7199, (1) 6A25A, (1) 6KD6; other's price when available - \$326; my price - \$200 plus shipping. Maurer Television, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: radiobks@aol.com

FOR SALE/TRADE: Repairman's tube carrying case in good condition - \$35 plus shipping. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260

FOR SALE: Zenith 7S634R - \$200. Crosley D25CE - \$100. **HELP:** Need info on dial string layout for Philco 118H. Burt Werthman, 282 Rasbach Rd., Little Falls, NY 13365. (315) 866-4854

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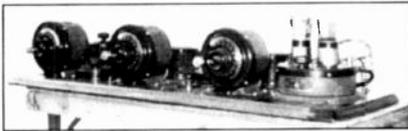
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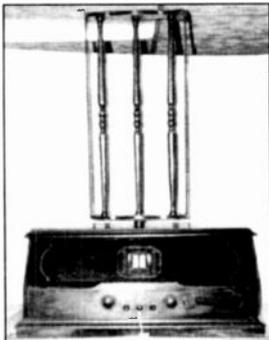
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FOR SALE: Tube amps: prewar Webster Electric SCH18-50, 4x6L6, as found w/o tubes - \$85 ea. Webster 82-25 (1955), 2x6L6 - \$65 ea. RCAMI-38103A, 2x7027 - \$350/pr. Documentation included. Kent Elliott, 3143 W. 46th Ave., Kansas City, KS 66103. Ph./fax: (913) 677-1824. E-mail: Kentelltt@aol.com

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FOR SALE: German WWII radio with sign. G. Faassen, Heideweg 1, 5953 T.L. Reuver, Holland. Fax: 0031-77-474-6683

FOR SALE: Due to stroke, selling books, magazines, catalogues, etc. Send two (2) stamp large SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

FOR SALE: N.I.B. globe/balloon shape tubes. Only have a couple each of the types listed. 12 - \$45; 24 - \$15; 27 - \$25; 35 - \$10; 81 - \$48. Jeff Amdt, 1215 Division St., Manitowoc, WI 54220-5734. (920) 684-8830

FOR SALE: Black and white Sony TV Model TV-700U, works - \$75. Picture a little narrow. Wayne Himel, 1029 Cedre St., Westwego, LA 70094. (504) 347-3796

FOR SALE: Antique Radio Classified, 171 back issues, from Oct. 1984 to Dec. 1998 inclusive, mint condition - Best Offer plus shipping. Murray Willer, 557 Spadina Rd., Toronto, Ontario, Canada M5P 2W9. (416) 481-5455

FOR SALE: Used 5U4GB tubes (pulls) - \$10/5 ppd. Ph. or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

FOR SALE/TRADE: 25 bugs. RR Leg keys - \$30-60. Legless keys - \$50 ea. Huge assortment. Polechanger key - \$65. Strap Key - \$50. Dave Pennes, WA3LKN, 4607-C Santa Cruz Dr., Indianapolis, IN 46268-5354. (317) 471-9605

FOR SALE: Eveready 20, base and speaker - \$110. Large molded wood products horn in shipping crate - \$125 + UPS. Gary Frager, 2216 Ohio, Lawrence, KS 66046. (785) 841-3771

FOR SALE: The first machine sold commercially for checking and restoring picture tubes, probably early 1950s. Cathode beamer and restorer kinescope analyzer, big unit, lots of knobs, looks like something Frankenstein would use. Untested but complete. Would add sparkle to your radio-TV laboratory or repair bench, only - \$150 plus shipping. Doubt you'll find another. Photo - SASE and \$1. Maurer Television, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: radiobkbs@aol.com

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WANTED: Heathkit digital trainers, Models ET-3600, ET-3700 and ET-1000. Must include manuals either built or unbuilt. W.J. Klewchuk, PO Box 927, Wadena, Saskatchewan, Canada S0A 4J0. (306) 338-2264

WANTED: Howard Sams' tube substitution book (small booklet). Thank you. Bob Barr, 4477 S.E. Heartwood Trl., Stuart, FL 34997. (561) 283-4143

WANTED: Mint Yaesu FT-2FB & PS FP-2. Bob Milligan, K14MB, 6608 N. 18th St., Arlington, VA 22205-1802. (703) 533-0650

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WANTED: Dial bezel for Emerson Model 107, (M.A.J.A. I, p. 78). Ed Kulavick, 11871 Lake Ave., #6, Lakewood, OH 44107. (216) 228-2947

WANTED: Sony TR-63, Sony TR-52; any kind of Japanese-made transistor radio which used with oval transistor. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, 246 Japan. Fax: 011-8145-301-8069. E-mail: taka-doi@a2.ctktv.ne.jp

WANTED: E.H. Scott! E.H. Scott! E.H. Scott! Interested in Scott battery and AC sets, military, accessories, advertising and literature. Radio Daze, John & Kathy Slusser, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: Tubes, I need these for my own use. Offering \$30 for N.O.S. 2A3 or \$15 for good used. Offering \$2.50 for N.O.S. eye tubes EM80, EM81, EM84, EM85, EM87 and others. \$15 for N.O.S. 6ME5, EMM801. Offering \$2 ea. for N.O.S. 1LA6, 6AQ8, 6CW4, 6DS4, 6DV4, 1629. Also others (please send list and asking prices). Happy to trade as well! Gary Kaufman, 29 Kewadin Rd., Waban, MA 02468. (617) 630-9806. E-mail: gkaufman@bu.edu

WANTED: For MacIntosh MR-65 FM tuner: dial glass, cabinet and schematic. Chuck Ulrick, 8282 Apolkey Rd., Dakota, IL 61018. (815) 563-4905, after 6 pm

WANTED: Blaupunkt Derby or Derby DeLuxe portable multiband. Larry Albert, 292 Foster St., Brighton, MA 02135. (617) 254-6398

WANTED: Motorola 59T-5 parts. Bezel, speaker, or whole radio. Richard Schofield, 26 Maxwell Rd. Bedford, MA 01730. (781) 275-0792. E-mail: schofbedford@msn.com

WANTED: World Radio Handbooks, 1958 and pre-1950; also RADEX magazines. Jerry Berg, 38 Eastern Ave., Lexington, MA 02421. E-mail: jberg@tiac.net

WANTED: Basic Radio by M. Tepper, Vols. 1 thru 6, by Rider. Tim Dray, 2741 Colfax Ave. S, Minneapolis, MN 55408. (612) 872-2492



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Antique Radio Meet Must Be Mentioned

Thursday

Hospitality Session 5:00 - 9:00 PM
In Lobby

Friday

Swap Meet starts at dawn

10:00 AM Open Exhibition
"Pre-War RCA Radios"

2:00 PM Caravan Tour
"Gray History of Wireless Museum"

7:00 PM Seminar
"Genuine Plastic Radios of the Mid-Century"
Presented by Author

Ken Jupp

Saturday

Swap Meet Dawn until Noon
Exhibition continues 10:00 AM - Noon

General Admission

\$5.00 per family (All one address)

Vendor Fee

\$15.00 per space which includes
2 general admissions.

Info: Bob Sands (513) 858-1755

FOR SALE: 1949 Philco combo 10" TV, AM/FM radio, phono Model 49-1076 in a blond Deco cabinet. Sylvania Silhouette console TV. Philco Miss America console TV. Radios: Zenith 11S474; RCA U-46; GE H-31; American Bosch 58, Majestic 90-B; Philco 16X; GE J-805; GE LF-115; RCA 1941 Anniversary Model, Philco 38-7 chairside; RCA C7-14; RCA Radiola 80; 1958 Zenith two piece stereo console Model SRS20M. **WANTED:** 17DKP4, 17DMP4 or 17DYP4 picture tube. Anderson Electronics, 95N. Central Ave., Mechanicville, NY 12118. (518) 664-9555

FOR SALE: Midwest 916 console, good, 16 tubes, plays - \$60. AK20 WT, restorable - \$40 pickup only. Jim Gaudin, 134 Hawthorne Dr., Danville, VA 24541. (804) 791-2286

FOR SALE: Zenith Golden Bell acoustical speaker. Zenith 12S-370 chassis. Columbia Graphophone. Grundig Satellit 6000. Grundig wooden wall speakers. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: Seco 1002 tube tester - \$95. John Kirby, 298 W. Carmel Dr., Carmel, IN 46032. (317) 843-2212

FOR SALE: Setchell-Carlson Jet glass dial - \$150. LAFM stereo 107 Block Letter R-A-D-I-O - \$150. E.K. Cole Mod A28 large wood table model, 9 bands, works well - \$100. Bowling ball radio, not a trophy, trophy chas. mounted inside a music box/bar bowling ball - \$150. Emerson AX212 Mach II P42, walnut restored to perfection - \$400. Cossor 3-valve bat. tomb. mid 30s, mod unk., untested - \$150. Scottie McElroy, KC5MTM, 2309 Driftwood, Apt. 1007, Mesquite, TX 75150. (972) 279-6138, anytime

FOR SALE: Philco T4-124 - \$25. Seminole 1101 - \$40. Universal PTR-62B in box - \$60. Radio/equipment lists. R. Allen, 399 Canterbury Tpke., Norwich, CT 06360. (860) 822-6096. E-mail: allens@99main.com

FOR SALE: A.R.C. Type 12 radios & parts. Call for list. Mike Forgensi, 28278 Applegate St., Hayward, CA 94545. (510) 732-0932

FOR SALE: Radios. All kinds. Table models, floor models, all conditions, good sets, parts sets - \$25 to \$500 + ship. No ship on floor models. Collecting since '48. F. Vaillancourt, PO Box 726, Woodstock, VT 05091. (405) 457-3482

FOR SALE: Reflect-O-Scope #300. Lloyds portable phonographs, 4 speeds. Sams Photofacts, cheap. Panasonic 8TK stereo cartridge tape deck recorder. Craig Pioneer tape player stereo. Mura stereo dynamic headphones, imp. OK. Sencore color gen. 6141. Hickok signal gen. 615. Ann Bichanich, Jay's, 15 1/2 W. Lake St., Chisholm, MN 55719

FOR SALE: Executive Model 10. Early CB by International crystal. Mic, P/S & manual (copy) - \$75. Harry Blesy, N9CQX, 9S 740 Clarendon Hills, Hinsdale, IL 60521. (630) 789-1793

FOR SALE: Everybody's Radio Manual - \$20. TI-74 Basicalc pocket computer with mathematics cartridge and manuals. You can program this one in Basic. Excellent for radio formulae - \$75. J.C. Toms, 1074 Spring Bay Rd., East Peoria, IL 61611

FOR SALE: Must sell. Negotiable. Radios, amplifiers, ham, parts, more. Large list - \$1 and SASE. Joseph Bedlovies, PO Box 139, Stratford, CT 06615

FOR SALE: Troubleshooting and Repairing VCRs, McComb; Video Cassette Recorder, Operation and Servicing, Lenk; How to Keep Your VCR Alive, Thomas; all three books for the price of one - \$25 plus shipping; Sencore Tech School audio troubleshooting workshop materials in binder - \$15 plus shipping; Sencore Technical School digital tuner/VCR Servo workshop materials in binder - \$15 plus shipping or both for - \$25; Mitsubishi VCR Troubleshooting Guide, Volumes 1 & 2, 2 videos and workbooks, nice binder - \$20 plus shipping. Mitsubishi Compact Disc Player Troubleshooting Guide, video and workbook, nice binder - \$20 plus shipping. Lloyd Spivey, 1203 Charlotte Ln., Hartford, KY 42347. (502) 298-7159

FOR SALE: Two boxes of N.O.S. TV tubes. No outputs or rarities. As removed from tube caddies. About 195 tubes each box - \$75/box or both \$120 plus shipping. Maurer Television, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: radiobks@aol.com

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: Original operating instruction booklets. Smokerette and Recordio, in fine condition - \$10 ea. ppd. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

FOR SALE: Tubes N.O.S. or used 100% tested. Send SASE or needs. Prices reasonable. Ted R. Babcock, 497 Long Island Dr., Moneta, VA 24121. (540) 721-1222. E-mail: tedshirIB@aol.com

FOR SALE: B&N automotive underdash record player - \$450. Bogen DB20DF tube amp - \$95. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 869-4963

FOR SALE: Scott 299B audio amplifier for parts. Rod Galloway, 2220 Woodbury Rd., Melbourne, FL 32935. (407) 254-0280

FOR SALE: 3rd book on Los Angeles Radio Mfrg., now at printers - \$9.90 + \$2 shipping. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

FOR SALE: 9-1A3, 9-1A5, 8-1BH2, 9-1AD2, 10-1DK29, 4-1Q5, 5-2BN4, 5-2CN3, 5-2CY5, N.O.S. - 75c ea. + shipping. Louis L. Veltre, 643A Sherwood Ct., Lakehurst, NJ 08733-4207. (732) 657-7592

FOR SALE: 1970s Yogi Bear radio, N.I.B. - \$80. Andrew Mooradian, 5 Priscilla Ln., Winchester, MA 01890. (781) 729-1873, after 7 pm

FOR SALE: Old Hickok tube tester Mod AC51X w/ rollchart, wood case, no top - \$50 + ship. Jim Middleton, 1040 Adams Rd., Cedartown, GA 30125. (770) 748-3761

FOR SALE: In Door County, Wisconsin, or will ship: hundreds of antique and collectible radios, other electronic items. Also test equipment, military radios and uniforms, rare books. Need room, must sell. For 16 page list, send two-stamp LSASE to: John Enigl, Sr., K9HJL, 5425 Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

FOR SALE: Spencer pocket crystal set, 1929, original green box/papers - \$120. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

WANTED: RCA/Cunningham early tube manuals from 1920s and 1930s. Do not need RC-11 or RC-12. Dennis Craft, 10513 E. Clinton, Scottsdale, AZ 85259. (602) 860-8951. E-mail: dcraft@uswest.net

WANTED: Giants football helmet radio. Looking for New York Giants football helmet radio. Did I say Giants? Scottie McElroy, KC5MTM, 2309 Driftwood, Apt. 1007, Mesquite, TX 75150. (972) 279-6138, anytime

WANTED: Obsessed collector pays top \$\$\$ for Art Deco, chrome front, mirrored, Catalin & Plaskon radios. Adam Schoolsky, PO Box 23*62, Portland, OR 97281. (503) 579-1080. E-mail: radics@artdeco.com

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WANTED: Examples of Champion, Van Horne, and Thoria brand tubes for display. Larry Daniel, 1758 Chennault Cir., San Antonio, TX 78226. (210) 923-2634. E-mail: LDaniel102@aol.com

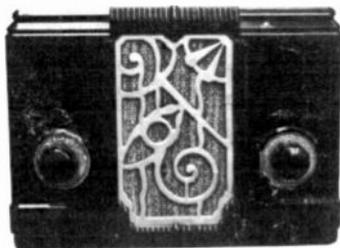
WANTED: Chassis/parts sets: Grunow 7B or 11A, GE HJ1005, Philco 89, Silvertone 4687, Silvertone 4586, Truetone 147. Radio Daze, John & Kathy Slusser, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com

WANTED: Revere-Wollensak cartridge-type tape recorder Model 7000, 7100, or 7200. Prefer clean, working condition. Bob Green, 1711 Breezy Acres Rd., Orwigsburg, PA 17961. (570) 366-3949. E-mail: rcgreen@sunlink.net

WANTED: RCA RC-350 tulip grille Catalin radio; any color, doesn't work, or if the case is cracked, that's OK! Henry McCorkle, 806 5th St., S.E., Roanoke, VA 24013. (540) 343-9570. E-mail: RoaRec33@aol.com

WANTED: Philips/Norelco AM-FM Type 6X3ST/54 working, aligned, w/power supply/transformer and instruction booklet. A. Sherry, PO Box 1051, Riverdale, NY 10471

WANTED: 1954 & 55 RCA TV literature, showing all models of black & white sets. Mike Harke, PO Box 773, Wausau, WI 54402



WANTED: Early (prewar II) plastic radios. I collect these objects of beauty to enhance my otherwise dull and uneventful life to which I am forever bound by my sad-but-true unworthiness and shortcomings: physical, emotional, and intellectual. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Bendix Model 853 and 953 radios. Radios need not work. Aaron Mall, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-8813

WANTED: Gernsback's Consolidated Official Radio Service Manual of 2,700 pages, 1931-4. Radio Relics, Charles Kirsten, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491

WANTED: Still looking for original manual for Heathkit EK1, volt-ohm meter. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253. (602) 947-1375

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FOR SALE: ARRL Handbooks 1942-43-57-60-71-78; Callbooks 1961-63-69-77-78-79-80-93-93; all - \$200. C. Bray, 1322 Ivy Rd., Bremerton, WA 98310. (360) 373-1013. E-mail: cbray@krl.org

FOR SALE: Zenith Golden Bell acoustical speaker. Zenith 12S-370 chassis. Columbia Graphone. Yaesu FRG-7700. Grundig Satellit 6000. Grundig pair wooden wall speakers. Regency CB CR142. Bill Coolahan, 1450 Miami Dr., NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: Homemade galena crystal radios or parts. Galena crystals - \$1 or \$2 for a super crystal. L. Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150. (716) 873-0447

FOR SALE: Grundig 2320, mint - \$200. Grundig 2520, mint - \$200. Nordmende Othello stereo, 9 tubes, exc - \$325. Saba studio 2A stereo solid-state, with papers, exc - \$300. Weiltron 2001 space helmet radio, AM/FM, 8 track, white, exc - \$100. Thanks. Ed Kaipa, 4622 Melbourne Ave., Los Angeles, CA 90027. (323) 661-1221

FOR SALE: Heathkit Model AA-1515 70-watts per channel stereo amplifier with manual. Looks good, sounds good, except one channel fades out after short playing time - \$40 plus shipping. Also available: electronics books, magazines, parts. List for stamp. Bob Eckert, 133 E. 7th St., Clifton, NJ 07011-1104. (973) 340-0579

FOR SALE: Westinghouse Model H679T4 green plastic radio, good working-physical condition - \$25 plus shipping. Harry Cap, 190 Beech St., Bridgewater, MA 02324. (508) 697-8648

FOR SALE: One beautiful AK 555 clean, pristine, works - \$300 + shipping. H.N. Felder, 7517 Granada Dr., Bethesda, MD 20817

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FOR SALE: Due to stroke, selling music boxes, books, record player, pictophone, etc. Send SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

FOR SALE: Studebaker radios Model 1726, 40 president - \$65. AC 2905, AC 2977, AC 3216, AC 3217, AC 3351, AC 3474, AC 3652 - \$45. Harry Schesnuk, PO Box 2162, Newport, WA 99156. (509) 447-4630

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(Please no classified ads by phone. Thanks!)

FOR SALE: Lyric Model 9 speaker assembly, complete - \$20. Philco 39-30 transformer - \$10. Brad Winder, Box 160, Hay Lakes, Alberta, Canada T0B 1W0. (780) 878-3262. E-mail: gmwinder@telusplanet.net

FOR SALE: Visit www.78rpm.com for a full line of turntables, books, vintage records & cylinders. Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389. E-mail: nauck@78rpm.com

FOR SALE: Selling and buying radio literature. Books, early magazines, service info, related ephemera. 45-page list. Showing at NEARC meet, Nashua, N.H. April 24, 1999. Dave Sutherland, PO Box 201, Spofford, NH 03462. (603) 363-4459. E-mail: echocove@cheshire.net

FOR SALE: National NC-2-40D receiver with matching speaker, vgc, asking - \$150. Philco 40-195 console, works, pickup only - \$100. TI-82 graphing calculator, complete, never used - \$75. Several Regency RH-250 FM 2-way radios, working when removed from service, make an offer. Lloyd Spivey, 1203 Charlotte Ln., Hartford, KY 42347. (502) 298-7159

FOR SALE: Antique radio schematics plus data still only - \$3 ppd. Joseph R. Forth, 321 Long Vue Acres, Wheeling, WV 26003. Ph/fax: (304) 277-3154. E-mail: wa2trt@juno.com

FOR SALE: Zeniths: 8H034 near perfect - \$80; (2) 500Hs, gray - \$100 & \$125; Royal 3000-1 - \$125; Bomber Universal brown leather 6G601L, exc - \$125; 500H lookalike - \$75. Century 21 QRP - \$175. Mitchell Lumitone, no shade - \$150. Claude Chafin, N0FM0, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-4518

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The Childers/Smith Auction Co. proudly presents the colossal estate of Frank Krantz (deceased) at absolute public auction with no additions and no reserves to be sold on site in several sessions. Session I: Sat. April 24th 10:00 AM until 5:00 PM. Session II: Sun. April 25th 10:00 AM until 5:00 PM. The radio and electronics community sadly mourned the loss of one of its legends when Frank Krantz passed away on Dec. 5th, 1998 at age 83. Frank, a widower, is survived by his four daughters. We wish to extend our most heartfelt condolences to his family, many friends, and the thousands of people who knew him. Any reader of A.R.C. is familiar with Frank's extensive classified ads over the years. He operated a worldwide mail order business supplying parts and electronic merchandise. Anyone who knew Frank or had dealings with him during his seven decade career, (Frank built his first radio at age nine), will agree that he was the consummate "radio man." While I wasn't fortunate to know him personally, Frank had attended many of our radio auctions. In February 1999, I received a call from one of Frank's daughters. She informed me that while sorting through his personal papers they discovered a memo from their father recommending that they contact Childers/Smith to handle his estate. They asked me to come to New Jersey to assess it. Though his daughters attempted to inform me of the extent of his estate, nothing could have prepared me for what I was met with. I was awestruck! It was the most voluminous collection of electronics I have yet encountered. It was Frank's legacy. There were thousands of items neatly crammed, meticulously documented, and packed to the ceilings. Almost every square foot of his living space was devoted to this collection. His personal collection noted with NFS tags and his business inventory relates to every conceivable category of electronics.

Various categories include: radios, tubes, telegraph, early books and manuals, cameras and related equipment, documents, advertising, early magazines and ephemera, early TV and related items, telephone, medical quackery, speakers, high fidelity amps and tuners, test equipment, meters, crystals and detectors, microphones, headsets, horn speakers, tube boxes, novelty items, records, small electric motors, drivers, thousands of parts and so much more. On Sat. April 24th, we will sell 400-500 catalogued items. These will be a cross section covering every category. In addition to these items we will offer box lots uncatalogued and sold throughout the day. We will repeat the same process on Sun., April 25th. After selling for two days we will assess the remaining inventory and schedule more auctions accordingly. We anticipate at least two additional sales. Location: 100 Osage Ave., Somerdale, New Jersey. Terms: Cash or local check, out of state checks with prior approval unless known to Childers/Smith. 10% buyers premium. No sales tax. Absentee bids accepted with 25% deposit. At this time we are uncertain about phone bidding capabilities.

The two-day list should be available by April 3rd. Send check for \$6.50 made payable to Harold Smith and mail it to Dennis Childers, PO Box 126, Arcola, PA 19420. For information about this sale, call Dennis Childers at 610-269-1036. Visit our web site at www.smithauctionco.com for photos, maps, accommodations and additional information and updates. E-mail address: harold@smithauction.com. Phone number day of sale only: 609-783-0400. Auctioneers note: sale conducted rain or shine outdoors under tent. Limited space, bring your own chairs and stools. Food available.

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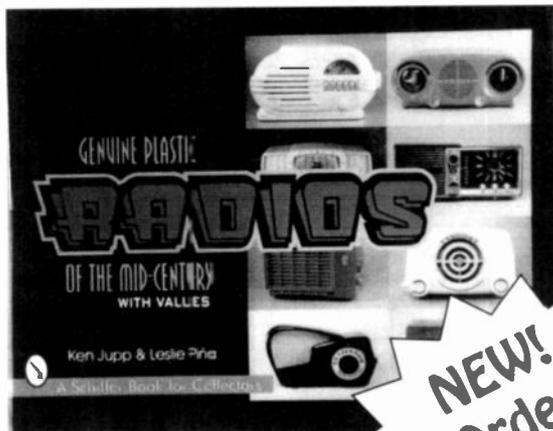
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(Mar-99)

FOR SALE: Rare Boulevard R-138 Coast Guard receiver – Accepting Offers. Jim Leatham, Box 50355, Parks, AZ 86018. (520) 635-2117

FOR SALE: Beautiful Crosley 59 Oracle grandfather clock radio – \$550. 1923 Music Master 22" wood horn speaker – \$225. Mid-50s 14" Hotpoint 14S202 pink/white metal TV – \$165. Buyer assumes shipping damage. Sam Mannino, PO Box 331, Villanova, PA 19085. (610) 353-6747

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FOR SALE: Simpson 260 VOM – \$40. RCA/VIZ Master voltohmyst WV-510A – \$45. Heathkit mutual conductance tube checker, TT-1 – \$75. National receiver NC-60B, untested – \$45. Gavin UHF/TV converter #502 – \$20. All + UPS. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (609) 881-0244. E-mail: Slbon@erols.com

FOR SALE: Heathkit Apache, great condition – \$225. **WANTED:** Hallicrafters HA-5 & Globe 755 VFOS. Robert Braza, N1PR5, 23 Harvard St., Pawtucket, RI 02860. (401) 723-1603

FOR SALE: Vacuum tubes, all kinds 40,000 on hand. Send want list & SASE for prompt response. Tom Ivas, 2932 W. 99th St., Evergreen Park, IL 60805. Ph/fax: (708) 423-0528. E-mail: tivas@xnet.com

FOR SALE: Emerson 510 restorable woody – \$25 + \$10 UPS. SASE list. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614. (218) 226-4192

FOR SALE: Zenith Trans-Oceanics; all original, complete, working, 100% cosmetically restored to showpiece condition; T-600 – \$225; 8G005YT – \$225; H-500 – \$210; Royal 1000-D – \$50. Hallicrafters HT-18 – \$75. Frank J. Manzano, 82 Monhegon Ave., Oakland, NJ 07436. (201) 337-5263

FOR SALE: Radioparts, books, junk. Send SASE for 6-page list with photos. Phil Majewski, PO Box 92, Tamaqua, PA 18252

FOR SALE: Demeter VTCL-2 stereo tube broadcast or recording limiter, like new – \$1,600. Mark Schackow, 307 4th Ave. E, Lemmon, SD 57638. (605) 374-3424

FOR SALE: AK 165, Philco 18 cathedrals, Emerson R158, Ingraham cabinet, Hallicrafters S40A, S40B, 721TS 10" RCA TV. All working, make offers + S/H. William J. Brinkley, Jr., 4501 4 St. N, St. Petersburg, FL 33703-4730. (727) 526-1014

FOR SALE: BrownIng-Drake 4-tube, with tubes – \$100. Browning Laboratories tuner, 1937, 10 tubes – \$60. Stewart-Warner 900B chrome front, repro dial – \$40. Admiral plastic 5A, black & white, AM – \$30. Admiral 5S 22AN plastic – \$30. Delmonico 11-tube stereo AM/FM – \$30. Duo-Spiral folding loop repro – \$75. Tube folding loop repro – \$85. All plus S&H. Wally Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512, please call before 9 pm

FOR SALE: (1) Crosley Super Tridyn regular W/T – \$200 + S/H. (1) Motorola speaker phone – \$50 + S/H. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (941) 482-0198

FOR SALE: Zenith H500 chassis – \$20. Zenith 6G001Y, plays, needs a grille – \$25. Lafayette Dyna-Com 5 walkie-talkie – \$25. All plus shipping. Charles Phillips, Jr., 8607 Rembrandt Cir., Newark, DE 19702. (302) 832-9592

FOR SALE: Zenith T-O Royal D7000Y – \$395. Panasonic RF-5000A – \$395. Realistic DX-160 – \$40. All + shipping. Gerald Silver, 10863 W. Clairmont Cir., Tamarac, FL 33321. (954) 720-1972

FOR SALE: All as is: Zenith 7S633R, 5S29 and Carl Fischer sound amp – \$25 plus shipping ea. Douglas Wright, 625 Rolling Hills Dr., Canyon Lake, TX 78133. (830) 899-5800, after 5 pm CST

FOR SALE: Two (2) Motorola Handie-Talkies P11-1A serial #382 and #383; Narco Avionics Transponder #AT5-A. William L. Clark, 15476 Wellington Pl. Dr., Basehor, KS 66007. (913) 724-1203

FOR SALE: 1950 GE TV 12-inch Model 14T009 good picture – \$50. Norm Kutzke, Box 272, Kawkawlin, MI 48631. (517) 684-0649

FOR SALE: Two N.O.S. 6B4 Philco tubes, 100% emission – \$40 for the pair plus postage. Stan Marlin, Box 1035, Assinibola, Saskatchewan, Canada S0H 0B0. (306) 642-3824

FOR SALE: Photocopies: Hallicrafters S-22, Radiola III, other radio, tube, T.E. manuals. Some novelty radios. LSASE. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. E-mail: w9litt@juno.com

FOR SALE: Machlett tubes 266591 CU, 668744CO. Hy Ness Company, Wholesale Electronic and Aircraft Parts, 709B Delair Rd., Cranbury, NJ 08512-4212. (609) 395-1116. Fax: (609) 395-1117

FOR SALE: Spkrs 8 ohm w/filters. Yaesu SP-767, Kenwood SP-31 – \$75 ea. Kenwood desk mike – \$75. Joel Levy, 8 Waterloo Dr., Morris Plains, NJ 07950. (973) 285-0233

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June 3rd, 4th & 5th, 1999

I-465 at East Washington Street, (US Rt. 40). When registering, inform them that you are attending the IHRS event so you will receive the special price of \$59.00 per night. We have a block of 50 rooms held for us. Get your reservations in now! There is a Billy Graham meeting in Indy the same week.

Thursday, June 3

Event	Time
Flea Market	12 noon - 6 pm
Movies/videos in the upstairs meeting	8 pm
room at the Signature Inn	

Friday, June 4

Registration	7:30 am
Flea Market	All day to 6 pm
Old Equipment Contest Room opens†	9 am
Co-ed Luncheon	12 noon
at the wonderful Laughner's Cafeteria on East Washington St. (Route 40) at 20 N. Franklin Rd. by I-465.	
Contest Judging (room closes to allow review and judging)	1:30 pm

Seminars:

- Alex Whitaker: Technical Restoration of Old Radios inc. classics like Scott & Zenith at meeting room #2 on the 2nd floor of the Signature Inn. 4 pm
- IHRS Annual Awards Banquet 5:45 pm at Laughner's. See "Banquet Details."
- Equipment contest awards 6:45 pm
- The "Charleston Chasers" 7 pm See "Details."

Saturday June 5

Event	Time
Registration	7:30 am
Bring in items for 2 auctions	8:45 am

Items for the regular auction will be signed in at this point. Those bringing in material for the Donation auction should make sure it is not junk. Please do not abandon cabinets or chassis on the grounds.

Donation auction	10:30 am
Auction (please note there is a 10% fee involved)	11:15 am

Details: Banquet & Co-ed Luncheon: Paul Irwin, host of "Indiana Today" on WICR-FM will present "When Radio Was Radio" at the luncheon. The "Charleston Chasers" will play music from the early period of radio at the Friday night banquet. They're great, ask anyone who saw them last year.

† Contest categories:

Please register your entries.

1. Battery radios of the 1920s
2. AC wood table radios with handles of the '30s
3. Displays, advertising material
4. Transistor radios up to 1960
5. Indiana-made radios
6. Amateur radio, (ham) equipment to 1950

We would like to have all contest entry items to remain on display until Saturday. Room will be locked after hours.

FEE SCHEDULE:

Registration – \$10.00/family. Vendor spaces/tables: Tent tables – \$15 each. Outdoor spaces – \$10 each. Please note that all spaces are numbered and assigned, do not attempt to move in early. You may have to tear down and be moved

Contacts: Bob O'Friel (317) 849-4028 or Alex Whitaker, after 6 PM (317) 535-4174.

Send check for preregistration to: Dr. Michael Clark, Treasurer, IHRS,
6484 East 350 North, Franklin, IN 46131. (317) 738-4649.

FOR SALE: Heathkit HD1481 antenna switch for 4 antennas, 2 kW PEP - \$45 plus UPS. R.J. Eastwick, N2AWC, 400 N. Haddon Ave., Unit 109, Haddonfield, NJ 08033. (609) 429-2477

FOR SALE: RCA Model 66X2 black plastic radio - \$25. Signal generator E200 - \$20. RCA speaker 100A - \$15. All plus shipping. John Martin, 111 Bancroft Dr., Rochester, NY 14616. (716) 663-4182

FOR SALE: Carver M400 amplifier. N.I.B. Annie transistor. Tektronix 2215 scope. Ambassador ATO-100 6-band Trans-O clone. **WANTED:** Motorola TVs with 7-inch and 8-inch screens. Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. (606) 484-9393

FOR SALE: Up to 19 pcs. New AmpereX #7737/E186F tubes - \$8 ea. or BO + actual shipping cost. Marv Glasman, 19300 Romar St., Northridge, CA 91324-1136. (818) 993-4560. E-mail: m33412@concentric.net

FOR SALE: New but old radio & TV tubes. Carl Duck, PO Box 1931, Hallandale, FL 33008-1931. (305) 949-2644

FOR SALE: N.I.B. 83 tubes - \$11 ea. Texas Instruments SR-10 LED calculator, fine w/manual, case - \$38. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

FOR SALE: Books: Plays From Radio, 1943 - \$15; CRT At Work, 1935 - \$10; many more! Vintage Radio and Communications Museum of Connecticut, c/o John Ellsworth, 563 W. Avon Rd., Avon, CT 06001. (860) 675-9916

FOR SALE: Dial scales and decals. SASE for brochure and list. Rock-Sea Enterprises, 323 E. Matilija St. #110-241, Ojai, CA 93023. (805) 646-7362. E-mail: dials@juno.com

FOR SALE: Tubes new & used radio TV ham. Plus misc. 10% off list. Damon Vandehy, 18620 S.W. Aloha Ct., Aloha, OR 97006. (503) 259-9129. Web: <http://www.crosswinds.net/portland/~damonv>

FOR SALE: Philco 38-12 - \$50. Silvertone 1017 - \$30. RCA 1x53 - \$30. GE 100 - \$50. Herb Love, 6 Linda Ln., Pearl River, NY 10965. (914) 735-9172

FOR SALE: Photoflash capacitors 160ufd 330 volt, small size, low leakage - \$5 per 100, plus shipping. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H0H9. (780) 434-6257. E-mail: wilsons@freenet.edmonton.ab.ca

FOR SALE: (100+) Philco radio manuals 1959 to 1971 - \$25. (90+) Philco radio manuals 1948 & 1949 - \$20. (60+) Philco radio manuals 1956, 1957, 1958, 1959 - \$15. Philco U Line TV manual - \$5. F Line TV manual. Philco T Line manual - \$10. Philco 13' color TV manual - \$5. (100+) RCA radio manuals 1966 & 1967 - \$20. (100+) Motorola radio manuals 1960 to 1969 - \$25. (30+) Emerson radio manuals 560 to 840 - \$10. (50+) Zenith radio manuals 1970 to 1977 - \$10. (30+) Admiral radio manuals 1957 to 1960 - \$7.50. (60+) Westinghouse radio manuals 1958 to 1967 - \$15. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279. E-mail: jjpapo@juno.com

FOR SALE: Portable Faradic two cell battery (chrome switches with vibrator) in nice wooden box - \$85. Mike Grimes, K5MLG, 3805 Appomattox Cir., Plano, TX 75023. (972) 867-6373

FOR SALE: One green Catalin knob for Bendix 526C - \$22. Stromberg-Carlson wood table 500H - \$50. General Electric GD-600, Deco wood table - \$35. **WANTED:** 6" speaker for Zenith tombstone. Eric Miller, PO Box 778, Linn, MO 65051. (573) 897-4121. E-mail: miller@linnstate.edu

FOR SALE: General Electric AC and DC voltmeter 150/300 volts, spec sheet dated 1922; GE AC ammeter 15/30 amperes, spec sheet dated 1920; Westinghouse DC multi-voltmeter Type PL, very old - \$30 ea. plus. Elwood F. Hunt, 308 Georgetown Rd., Carneys Point, NJ 08069. (609) 299-5259

FOR SALE: Victor of Japan Model 8510, 16 transistor radio - \$25 plus shipping. J.F. Ambos, 754 Carleton Rd., Westfield, NJ 07090. E-Mail: jambos@home.com

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FOR SALE: Laboratory complete: Bridges, AF-RF oscillators, testers: tube, transistor; capacitor; meters: radiation, power. Francis H. Yonker, PE, W21BH, 1229 Inverary Pl., State College, PA 16801. (814) 867-1400

WANTED: Tube CB sets: Polycamm, Radson, Stewart-Warner Portafones, Philmore, ECI/Courier, Sonar, Tram, Charles Zafonte, N1FRX, RR3 Box 2075, Fort Kent. ME 04743. (207) 834-6273, eves./weekends

WANTED: Antique medical, scientific devices, fans, Deco clocks and radios, horn phonographs. Richard Cane, 1333 N.W. 127th Dr., Sunrise, FL 33323. (954) 846-7116. Fax: (954) 846-7973. E-mail: rbcane@m8.sprynet.com

WANTED: Heathkit WA-1, W2 amplifiers or part sets. McIntosh MC60 power transformer. Gary Kaufman, 29 Kewadin Rd., Waban, MA 02468. (617) 630-9806. E-mail: gkaufman@bu.edu

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WANTED: Aristocrat Aetna 80A67W mid-30s small wood tombstone, BC/SW, plays - \$70. Paul Brouillette, K8BLMC, 611 Illinois St., Geneva, IL 60134. (630) 208-6406. E-mail: pjb@inil.com

WANTED: Western Electric 1920s radio cone speakers/parts, amplifier 25B, tubes: 101D, 104D, 216A, 217A, 437A, 211D, 212D, etc. UTC/Acrosound/Triad transformers. Ming Yang, 1995 University Ave., #119, Berkeley, CA 94704. (925) 376-4220

WANTED: Collections, bulk and estate sales of radios, tubes, literature, advertising, etc. Radio Daze, John & Kathy Slusser, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: 1940s televisions. Philco 48-1000, Motorola VT105, Dumont Club and Clifton (RA 102 chassis), RCA TRKs, Andrea KTE-5, Meissner. Ed Dessau, 40 Verna Rd., Monroe, CT 06468. (203) 452-1981. E-mail: dessau@freeweb.com

WANTED: Watkins-Johnson WJ-8716, professional HF communications receiver. Beautiful condition with original manual, asking - \$1,700. Steve Raycraft, 927 Riggs Ave., Watertown, NY 13601. (315) 788-9323. E-mail: wb2kxk-2@juno.com

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WANTED: Coil winder, manual or powered, and information on old coil winding machines. Tom Vilov, 603 Homewood Dr., Pocomoke City, MD 21851. (410) 957-1407. E-mail: 72425.1557@compuserve.com

WANTED: RCA 143, Philco 90, Atwater Kent 356, Stewart-Warner R-1301-A excellent condition and original finish. Mark Murphy, 1400 Chicago Ave., #802, Evanston, IL 60201. (847) 328-5036. E-mail: PiscoCal@aol.com

WANTED: Dial glass for 1940 Philco Model 40-195. Has part #27-5513 printed in lower right corner. Contact: Paul J. Smith, 209 Fletcher, Tonawanda, NY 14150. (716) 692-2050, leave message

WANTED: Lear Catalin aircraft receiver in any condition. Also Emerson 704, Motorola 52M2U portables. Louis Yadevia, 601 Church Ln., Upper Darby, PA 19082. (610) 622-2573

WANTED: Vibroplex with 3-inch base. B&W type JEL/Baby coils. Collins goods, Signal magazines. Brian Roberts, K9V<Y, 130 Tara Dr., Fombell, PA 16123. (724) 758-2688

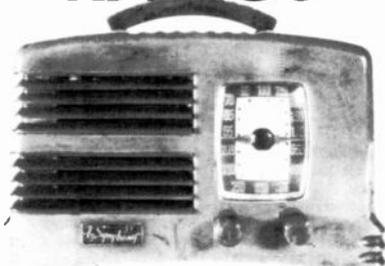
WANTED: Zeniths: 250 cathedral, 715 tombstone, 9S30 tombstone, 10S130 tombstone cabinet or complete, 12A58 console cabinet or complete. Cash/trade Fada Catalin, AK 84 cathedral, Stromberg tombstones. Chris Hicks, RR2 Box 342, Clinton Corners, NY 12514. (914) 266-4257

WANTED: A small portable Gates radio remote amplifier, circa 1940, Mallory Sta-Loc control shafts and switches, Gennett, 78 rpm, electrical recorder, records. Reasonable prices paid. James Fred, 5355S 275W, Cutler, IN 46520. (765) 268-2214

WANTED: Operation manual for Sprague Mod TO-6 capacitor analyzer. Joe Koehler, 1919 W. Nimisila Rd., Clinton, OH 44216. (330) 882-5281

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FOR SALE: Over forty Philco TV/radio/phono factory service manuals – \$25 shipped. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

FOR SALE: DuMont 304A oscilloscope. In good condition and working with manual and spare tubes. Dan Kripe, 3750 Highgrove Ln., Nampa, ID 83687. (208) 888-9575

FOR SALE: Belmont 5D128 Art Deco brown Bakelite, like new, works, almost imperceptible hairline above dial. David Mednick, 10 Doe Dr., Wesley Hills, NY 10901-2302. (914) 354-5041. E-mail: davemed@acdc.com

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FOR SALE: Teal H-125 West. refrig restored and repainted – \$125. 1966 B&K 465 CRT tester w/book – \$25. 15" Magnavox field coil sprk with PP 6L6 output transformer – \$45. UV202 and C302 BBT tubes both good – \$75 ea, or both – \$125. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

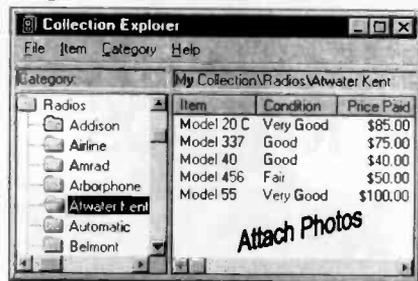
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FOR SALE: Mac 5100-200, MX-110 – \$485. C-24 pre – \$200. Dyna A-10 – \$100 pr. A-25 – \$100. EV 828 – \$70. T25A – \$100. EV 12BW – \$100 pr. JBL D130 – \$100. D123 – \$80. Carver C-1 pre – \$100. M-500t – \$300. Fisher 100T tuner/pre – \$100. FM 90 – \$85. Scott 99D – \$55. Heath AA-32 – \$100. Yamaha C-65 – \$70. Scott 222B – \$100. Teac X10R – \$280. AR3a woofer – \$40. Fisher X202B – \$170. Tim Simpson, 915 Enright Ave., Cincinnati, OH 45205. (513) 471-1916

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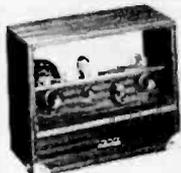


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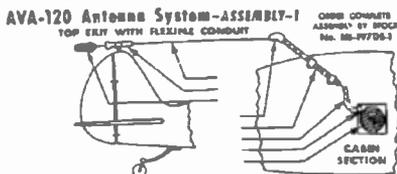
Andrew Mooradian, 5 Priscilla Lane
Winchester, Massachusetts 01890
tel. 781-729-1873 after 7 pm

WANTED: Chart or copy for Superior Instrument tube tester, Model TC55. Ed Siegel, 1740 Mission Hills Rd., Northbrook, IL 60062. (847) 498-2352. E-mail: CGL14@aol.com

WANTED: Ghirardi & Johnson's book Radio and Television Receiver Troubleshooting and Repair. Nick Terrence, 12 Eleanor Pl., Huntington, NY 11743. E-mail: nterrenc@suffolk.lib.ny.us

WANTED: NBC chimes, Climax radios. J. Finkelstein, 63 Cedar Hill Ln., Media, PA 19063

WANTED: Heathkit AA-100. Don Hoover, 3060 N. Atlantic Ave. #106, Cocoa Beach, FL 32931. (407) 783-4545



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WANTED: Payphones, 3 slot, Automatic Electric, Western Electric, any color. I pay highest prices. Stanley Schreier, 350 Hendrickson Ave., Lynbrook, NY 11563. (516) 887-4966. Fax: (516) 887-4780

WANTED: Electron tubes, ball bearings, radic & aircraft receivers & transmitters, connectors, lamps, relays, switches, breakers. Hy Ness Company, 709B Delair Rd., Cranbury, NJ 08512-4212. (609) 395-1115. Fax: (609) 395-1117

WANTED: FM converters/tuners: Pilot T601, Howard or other. Radio Daze, John & Kathy Slusser, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com

WANTED: Pacific Recorders Multimax FM RCA 7B Console. Two Micro-Trak turntables. Thanks. John Sampson, 75 Glenwood Dr., Leominster, MA 01453. (978) 537-0092. E-Mail: sampsonj@massed.net

WANTED: Speaker grille panel for Ozarka Model 78 Sensitone cabinet. Don Ignatius, 9517 Brick Church Rd., Cambridge, OH 43725. E-mail: don_mar@cambridgeoh.com

WANTED: Manual and accessories for AN/PRC-14. TBX-2 canvas pieces. Joseph W. Pinner, KC5JJD, 201 Ruthwood Dr., Lafayette, LA 70503. E-mail: kc5jjd@sprintmail.com

WANTED: Hallicrafters TW1200/R1200 multiband portable and Panasonic RF8000 or RF9000 multiband portable. Sony CRF 320, Braun T1000 MB and other high end SW portables, and Zenith Trans-Oceanic green military, like Model 600. Zenith Royal G 1000 (6) band chassis #RG1000Y, and any Philips multiband SW. Thanks. Denis Burke, 308 Person St., PO Box 137, Runnells, IA 50237. (515) 966-2871. E-mail: zeenith@msn.com

WANTED: Metal top for Atwater Kent Model 46. Ed Frezon, 2 William Ter., Rensselaer, NY 12144. (518) 286-3791

WANTED: Grebe CR-5 front panel, or parts set w/good panel. Tuska 225 transformers. Bob Nicholson, 2745 S.W. Villa West Dr., #1308, Topeka, KS 66614-5236. (785) 271-5604

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WANTED: Schematic or parts list for Philco radio, Model 46-450. Barry Siembor, 15348 182nd Pl. NE, Woodinville, WA 98072. (425) 788-3759. E-mail: amencore@aol.com

WANTED: EC-611 and accessories, WWII gear. Alan Burg, 7 Forkland Ln., Dobbs Ferry, NY 10522. (914) 693-2564. E-mail: alanb@cloud9.net



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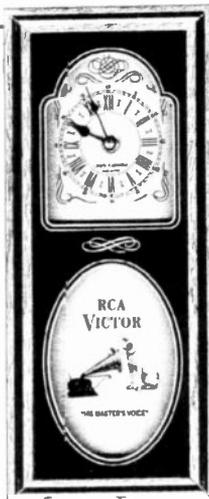
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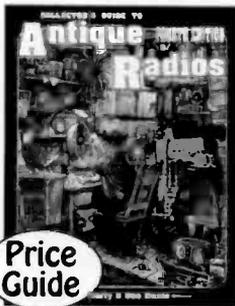
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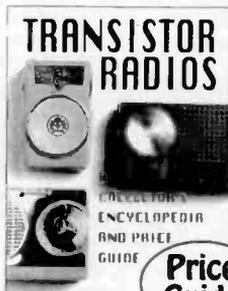
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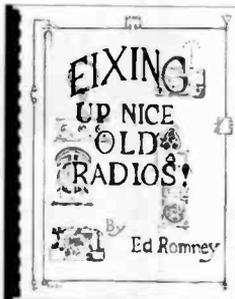
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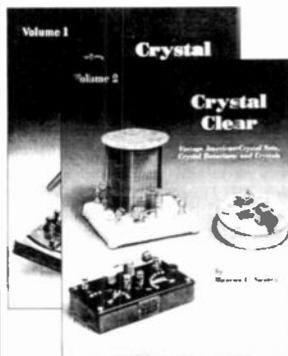
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FOR SALE: Synchro receiver Sperry Gyroscope Co. Brooklyn, N.Y. Model FJE84-4, all brass - \$20 + post. Don Carver, 174 84th Ave. N, St. Petersburg, FL 33702. (727) 577-5355

FOR SALE: A whole house full of old radio stuff. Bring your truck. Joe Merti, 2303 Bellevue Ave., Bettendorf, IA 52722. (319) 355-0498

FOR SALE: Zenith consoles, 9-H031, 8A02, 7S363, 1005, 10-S-669, 12H090. Scott Export radio receiver, tube tester Signal Corps 1944, Fada 700, Atwater Kent 1929, 46HB, Stromberg-Carlson 140K. Tony Weir, 1422 Belgrave Dr., St. Louis, MO 63137. (314) 869-9348. E-mail: Karen.Weir@gte.net

FOR SALE: Tektronix 130LC meter with manual - \$75. Tek 422 scope - \$45. Tek 335 scope with manual - \$100. Hewlett-Packard 410C solid-state VOM with manual - \$65. Eico 667 dynamic conductance tube tester with manual - \$90. Classic Simpson 269 ultra high sensitivity (100K/volt) VOM - \$60. Weston 931 lab meter 3, 15, 150 Vdc - \$15. Heath IM 5238 AC voltmeter - \$15. Variable metered AC power supplies 0-130 volts; isolated 150 va - \$60. Direct 300 va/isolated 150 va - \$80. Fifteen assorted hardcover technical books - \$45 for the lot. All preceding plus shipping. Andrew Gretchenuk, 12233 Rosaro Ave., Warm Mineral Springs, FL 34287. (941) 423-0647

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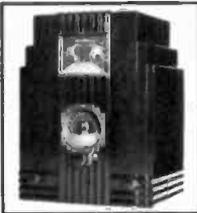
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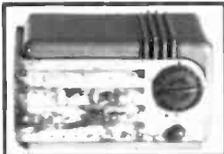
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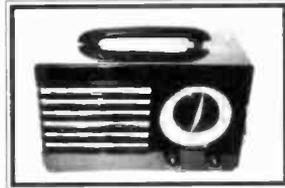
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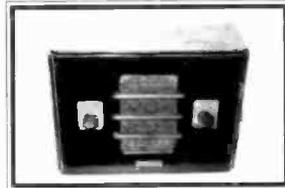
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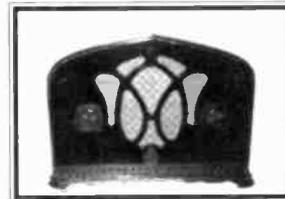
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FOR SALE: Grundig 2320, mint - \$200. Grundig 2520, mint - \$200. Nordmende Othello stereo, 9 tubes, exc - \$325. SABA studio 2A stereo solid-state, with papers, exc - \$300. Weltron 2001 space helmet radio, AM/FM 8-track, white, exc - \$100. Thanks. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (323) 661-1221

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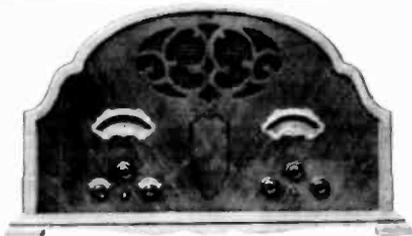
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WANTED: Simpson 604 chart recorder. Also, Radio Electronics magazines from 1975 thru 1986. Franklin Miller, 2100 Ward Dr., Henderson, NV 89015. (702) 565-3400, Mon-Thur. Fax: (702) 565-4828. E-mail: sescom@sescom.com

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WANTED: Speaker for Philco 70 cathedral. Copy of manual for SG-44B/URM-25 signal generator. Walter Curry, 10035 Country View Rd., La Mesa, CA 91941. (619) 461-9327

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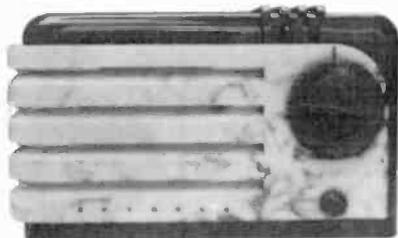
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(Feb-99)

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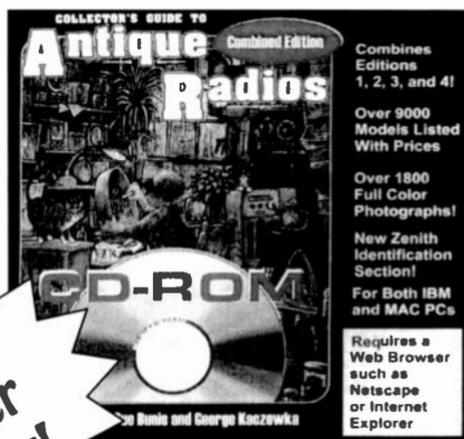
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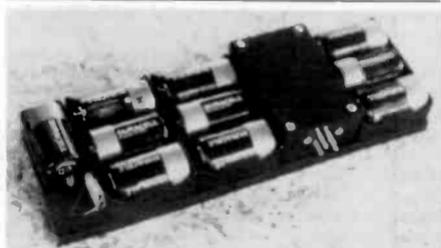
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FOR SALE: Zenith Trans-Oceanics, Hallicrafters S40, S38, S119, Daven Bass Note TRF, National NC125. G.S. Electronics, 1270 Rock Creek Cir., Lafayette, CO 80026

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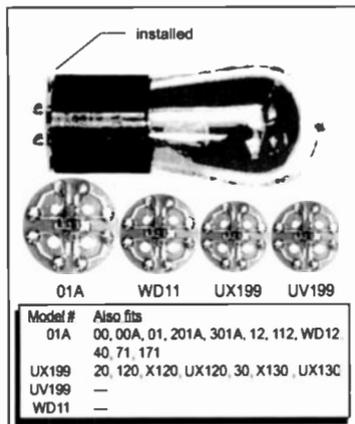


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The H15/ H16 power supplies operates most tube type battery radios from low cost batteries. The H15/H16 steps up the voltage from a 6V battery to provide 22.5V, 45V, and 90VDC for the "B" voltage requirements.

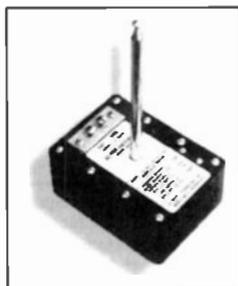
A very desirable feature of the H15/H16 is the method of switching power on and off. This function is provided by the switch on the radio. No radio modification required.

The "A" voltage required by the radio can be from "C" or "D" flashlight batteries or from a 6V gelled electrolyte battery when operating 5V tubes. When operating 1.5, 2, or 3V tubes the H15/H16 can be powered by 4 "C" or "D" flashlight batteries or from a 6V gelled electrolyte battery. The gelled electrolyte battery can operate both the H15/H16 and the 6V "A" supply for 5V tubes from one battery.

Order the H15 of parallel filaments or the H16 for series filaments.

The compact size, 4"X4"X3/4", allows the unit to be installed with batteries in the battery compartment of most radios.

H15 or H16: \$99.50. Accessories: "D" cell holders: \$6.00 per set. 6V 10AH battery \$31.00. Battery charger \$45.00. 1.5 - 90V socket \$9.50.



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FOR SALE: Zenith portable J 402R - \$20. Spartan 1167 tuner, dial with some flakes - \$20. RCA ET 8044 radio telephone, fair - \$25. Bell & Howell film sound 179 speaker, Zenith H665R chassis - \$15. Mathematics for Electricians & Radiomen by Cooke - \$10. Rider's 11, 12, 13 - \$15 ea. Hallicrafters S120 - \$15. Zenith S14031 Cobramatic turntable, brown. Regency MR-33 Monitoradio, nice - \$40. **WANTED:** Chassis for Emerson 25. Brian Kurrle, 2222 Nodleigh Ter., Jarrettsville, MD 21084. (410) 692-0450

FOR SALE: Wilcox-Gay Recordio tube, mono tape recorder, complete, working - \$50. Tube, mono Knight-kits: 18 watt amp - \$15; FM tuner - \$15; AM/FM tuner (FM not working) - \$5. Optonica dual-motor tape deck - \$30; single motor deck - \$15. Plus UPS. **WANTED:** Late 30s Zenith or Philco tombstone; Philco 37-116-122 owners manual (or copy). Dick Friedman, 1502 Elmwood, Wilmette, IL 60091. (847) 833-3050

FOR SALE: (237) radio magazines of many kinds, 1924-1958 - \$ASE for list. Ray Miner, 1215 B Ave., Ft. Madison, IA 52627. (319) 372-1271

FOR SALE: Sony ICF 5500W. **WANTED:** Sony ICF 6500W, ICF 7600, Panasonic RF2600, JVC RC838 MkII. Khushpal Singh, 1831 Gray Ave., Yuba City, CA 95991. (530) 671-3485. (530) 671-4607

FOR SALE: Shure mic mixer Mod M68 - \$10. Hallicrafters S-120 - \$10. Stewart-Warner Mod 9152-C, works but has sound problem - \$15. Robert Parke, 504 Essex St., Gloucester City, NJ 08030-1015. (609) 742-8221

WANTED: OUTSIDE HORN PHONOGRAPHS. Mint, junkers or parts, horns, boxes, reproducers, etc. Jahan L. Acciavatti, PO Box 806, Upton, MA 01568-0806. (508) 476-3229

WWII MILITARY TELEVISION WANTED. Army/Navy SCR, ATJ, ATK, ARK, ARJ, CEK, CRV. Receivers, cameras, monitor, transmitters, dynamotors. Maurice Schechter, 590 Willis Ave., Williston Park, NY 11596. Ph/fax: (516) 294-4416

Victrola Repair Service: Windup phonograph repairs, parts, springs, needles via U.P.S. Rod Lauman, 19 Cliff St., St. Johnsbury, VT 05819. (800) 239-4188, eves.

FOR SALE: 1941 PHILCO ESCUTCHEON REPRODUCTIONS. Beautiful injection molded marbled brown plastic - just like the originals. Fits Models 41-250, 255, 256, 280, 285, 287, 290 and 296. Cost - \$29.95 plus \$3 shipping. California residents please add 8.25% sales tax. Send a money order to Old Time Replications BA, 5744 Tobias Ave., Van Nuys, CA 91411. (818) 786-2500. Fax: (818) 909-0241. Guaranteed satisfaction or your money back.

PHONO NEEDLES & CARTRIDGES (magnetic/ceramic). Over 500 cartridges and 5,000 needles. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

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 1st of the month.

FOR SALE: McIntosh 2100 power amp, excellent - \$375 + shipping. Arlen Boger, 3208 Saint Louis St., Wichita, KS 67203. (316) 942-6376

FOR SALE: Philco 52-548, modern design, (Bunis 3, p. 168) - \$80. Radiola III - \$90. Silvertone 1, metal midget - \$40. Zenith 5D011Z - \$25. Crosleys: 10-135, white - \$90; 10-136, black - \$70; 10-137, green - \$95. Zenith Royal 500s: pink - \$300; tan - \$225; white 500H - \$180; black 500H - \$100; black hand-wired - \$110. Emerson 911, grey - \$30. Westinghouse H-699P7 - \$10. Leather case for Philco T-7, perfect - \$15. Admiral 6T02-5B1-MA - \$25. Crosley E-15 WE, white - \$50. Eric Hayes, 1004 N. Mill St., #103, Naperville, IL 60563. (630) 579-0311

FOR SALE: Hallicrafters worldwide portable, tube, works, like T-O, needs recover - \$150. Heath HW-16 CW transceiver w/homebrew VFO - \$120. GE TV #806 wood cab, 1951?, 10" needs refinishing, works - \$250. Kenwood TR-7625 2m transceiver box/man - \$190. Medical device, old Myofaslatron - \$60. Lab Grade volt-amp-M.A. meter Bakelite, in case, SRI Corp., 32 lbs. - \$85. Sprague Tel-Ohmike TO-3 - \$40; TO-5 - \$60. Otari MX-5050 8 ch. x 1/2" tape recorder, rack mt., mans. - \$1,295. All plus ship. Roger & Mary Ellen Ruddick, 33 Emily Ln., Ft. Myers Beach, FL 33931. Ph./fax: (941) 463-8887

FOR SALE: Raytheon red/ivory T-100-4 xstr, w/case, exc - \$325. Zenith ivory 500 - \$75. Mike Biddison, 15 Palomino Ct., Chico, CA 95928. (530) 894-2800

FOR SALE: Regency flight monitoradio #AR-136A and monitoradio #10 - \$25 ea. plus shipping. Mathew W. Lineberger, 295 Grove St., Providence, RI 02909. (401) 831-0976



WANTED: Tube Hi-Fi components & commercial amplifiers 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 02478. Phone (617) 484-5784. Fax (617) 489-6592

WANTED: Vintage Electronic Music Synthesizers and modules by the following manufacturers, especially the listed models. Aires Modular, System III. ARP 2500. Buchia Modular, 100, 400. E-mu Modular. EML Electrocomp 100, 101, 200. EMS Synthi A, Synthi AKS, VCS3. Korg Modular PS-3100, PS-3200, PS-3300. Moog Theramin, Modular, Series 15, 35, 55. Oberheim SEM modules, 2-, 4- & 8-Voice Systems. Paia Modular 2700, 4700. Roland Modular Systems 100, 700. Serge Modulars, System 79. Synton Modular System. Call and surprise me; make my day! John V. Terrey, 498 Cross St., Carlisle, MA 01741. (978) 369-9770. Fax: (978) 371-7129

WANTED: Four tube shields for Philco 91 radio. Gus McKenzie, 3701 Taiga Dr., Anchorage, AK 99516. (907) 345-0980. E-mail: 76243-1710@compuserve.com

WANTED: Cabinet for Zenith Waltons radio. Fred Schultz, 1246 Lincolnway S, Ligonier, IN 46767. (219) 894-3779. E-mail: olradio@ligtel.com

WANTED: Old headphones, headphone literature and phone plugs, one pair or entire collection, please include price. Bob Sukosky, 62 Strong St., Manches'er. CT 06040. (860) 646-8857, 5-9:30 pm EST

WANTED: Old horn speaker parts and incomplete units, also good rheostat for Westinghouse DA. Charles Combs, 508 E. Daniel, Albany, MO 64402. Ph./fax: (660) 726-3038

WANTED: Rider Home/Auto Radio 4000 Series manuals; Bunis #1; Rider RC manuals; 10, 12 & higher; Hallicrafters SX71; MON radio 1962, 1963. 1964; Gernsback schematics; axial pushbutton knobs for GE H624; Sams AR 2, 7, 9-13, 15, 16, 18-20. Noel S. Ilg, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-8864

WANTED: RCA 9T, 10T, Zenith 9-S-365, 9-S-262, 12-S-265, Philco 70 cathedral cabinet, 90 cathedral chassis. Bob Eslinger, 20 Gary School, Pomfret, CT 06259. (860) 928-2628

WANTED: RCA Selectron tube, audio input output transformers, 1975 Popular Electronics magazine. V. Vogt, 2311 Pimmit Dr., #114E, Falls Church, VA 22043. (206) 295-4418. E-mail: vcvmvav@webtv.net

WANTED: Magazines: Radio Craft/Radio Electronics 1940s, 1950s. Charles Brett, 5980 Old Ranch Rd., Colorado Springs, CO 80908. (719) 495-8660 E-mail: Brett3729@aol.com

WANTED: Sherwood amp Model S-1000II. Must be complete and repairable. No collect calls please William Raffle, 9415 Third St., Laurel, MD 20723. E-mail: Wraf1018@aol.com

WANTED: Oscillator/IF can for Majestic 15, or will buy chassis. Ray Bintliff, 2 Powder Horn Ln., Acton, MA 01720. (978) 263-7435. E-mail: w1ry@msn.com

WANTED: HALLICRAFTERS S-2, S-33, S-35; EP-132; HT-2, -3, -8, -12 (old series); AC p/s for HT-45; BC-669 or parts; complete BC-729. Chuck Dachis, WD5EOG, "The Hallicrafter Collector", 4500 Russell Dr., Austin, TX 78745. (512) 443-5027

WANTED: Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irana, Valencia, CA 91355. 1-805-259-2011

ELECTRON TUBES: Over 1 Million Tubes in Stock. Buy & Sell. Daily Electronics, 10914 NE 39th St. #B-6, Vancouver, WA 98682. 800-346-6667. 360-896-8856. 360-896-5476, fax

WANTED: Broadcast-type MICROPHONES. Early carbon, condenser, ribbons, etc. Cash or trade James Steele, P.O. Box 620, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphone collectors Internet site: <http://www.k-bay106.com/mics.htm>.

WANTED: Do you have odd-ball parts laying around for horn speakers? I need bases, necks, bells, drivers, anything relating to horn speakers. What you got? Thanks. Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649. (508) 477-1578

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WANTED: Chassis for the following cathedrals: Davison-Haynes 5 tube Angelus, Majestic 194, 311, 314, 331, Radiochron, Stewart-Warner R111, R115, R123, Crosley 48, General Electric K-43, K-63, RCA Radiola 100, 120, El Rey, Sorber, Jessie French Jr., Intercean P71, AK 165, Coronado. Other chassis: Stewart-Warner R111, R115 AK 20, 30, Belmont 525D, Airline Ultra, Echophone S5. Cases for the following: Belmont 115, Crosley 148, 515, Philco 70, 90. Richard B. Jehlik, 14441 N. River Rd., Omaha, NE 68112. (402) 457-4604, after 7 pm CST

WANTED: Philco 41-81, 89C, portable w/strap. Ichiro Yamada, 10-21 Chiyodada-cho Kawachi Nagano-shi, Osaka, Japan 586-0027. Ph/fax: 011-81-721-52-4695, mid/eve., local. E-mail: yamada1r@silver.ocn.ne.jp



WANTED: Wood Table Radios 40s. ZENITH 8H034, 6D030, 6R084 rec/player. EMERSON 578A, 578. Teletone 117. DETROLA 572 or Detrola's offbrands #572 Val-Keen, Aria, Freedom, Seiberring or Truetone. Detrola 582-tall rec/player. Thanks. Will buy parts sets if cabinets are good. Needing work is alright, my dad has projects he can use doubles for. Steve Cabella/modi, 500 Red Hill Ave., San Anselmo, CA 94960. (415) 461-6810

WANTED: 1930 to 1942 Police Radio communications equipment. Any 6 VDC mobile communication equipment. Raymond Miller, 953 N. 1st St., Albemarle, NC 28001. (704) 982-0228

WANTED: These Stromberg-Carlson radios Models 601, 633, 523, 524, 624 and 1A, also Stromberg-Carlson horn and cone type speakers. Must be excellent originals. Thanks. John M. Thomas, 253 W. Chestnut Hill Rd., Newark, DE 19713. (302) 368-9285. E-mail: jondel1651@aol.com

FOR SALE: General Radio Company variac meter, Type W5MT - \$55; Airline, green leather, AM, 10-transistor radio, Mod GEN1329A - \$35; Coca Cola Radio, AM/FM, wedge-shaped with lighted Coke sign at the top, Coke bottle dial indicator - \$95; (2) RCA, Mod 66BX - \$45 ea. or both - \$85; Toyo 8-track tape player - \$27; RCA Mod 75X11 - \$90; Panasonic, SU8600 stereo integrated amplifier - \$175; Panasonic Stereo/Cass. deck 630, Mod RS630US - \$125; Uninterrupted Power Supply, Type 4, power backup - \$110; Signal Corps radio Mod 392URR, w/homemade 24-volt power supply - \$225; Dentron Super Tuner, transmitter and antenna matching, Mod 160-10AT (1KW) - \$175; Weston meter, black Bakelite in wooden case - \$95; Meck radio cabinet, Mod K6A6BEWE - \$20; Zenith chairside radio - \$200, pickup only; have 1940s to 1990s QSTs and Radio News - Call; Shure stereo preamp, Mod M64 - \$65; RCA Radiotron tube, 810 - \$80; Calrad crystal microphone w/stand, Mod 400C - \$55; American mic, Mod D4T - \$30; Astatic mic, Mod DNH7 - \$35; Astatic mic, Mod T3 - \$30; Electro Voice mics, Mod 630 & 635 - \$35 ea. or both for - \$60; General Electric, variety of 750W and 1000W projection bulbs - \$14 ea.; Radio compass, Mod 2544, one lg and one small, both for - \$35 or - \$20 ea.; Military mic, w/ push to talk button on left, Mod T32, tropicalized, July 1945 - \$55; various Heath books and manuals, radio books, old ARRL radio handbooks - Call; Knight FM monitor/receiver, Mod KG220 - \$30; Weston meter, N.I.B., Mod 506MA - \$40; Simpson meter, Mod 1522C, N.I.B., 0-50/500MA - \$45; Simpson meter, Mod 1502C, N.I.B. - \$45; Triplett meter, 0-15 Amps AC, N.I.B. - \$38; Goldline VSWR meter, 52 ohms, 250 watts - \$35; Sony FH77, Compac High Density Component System, AM/FM/SW/SW2 w/cass., cass. needs work - \$110; Heathkit SB600 power supply - \$120; B+K Precision CB signal generator, Mod 2040, with manual - \$210; Zenith Mod K510 - \$30; Silvertone 9001 - \$50; Collins ammeters - \$12 each; dial belts N.O.S. - \$8 ea.; various knobs - Call; RCA 66BX - \$40; Philco 46-350 - \$65; Philco 40-155, GC - \$65; Parting out: Hammarlund HQ145X; Philco 41295; Emerson 653B - \$50; various RCA tube manuals - \$10 to \$12; have T-O 3000 parts and others; all above + UPS or U.S. mail. Also see ad pg. 68, top left, in March 1999 A.R.C.

WANTED: Airline Mod 62-316; Air Castle L6 tombstone; Truetone D-723, BC/SW. Ron Crowe, PO Box 117, Handley, WV 25102. (304) 442-8179. E-mail: rgcrow@wvit.wvnet.edu

FOR SALE: Precision tube tester, mutual conductance Model 10-60 - \$125. Sony Model #250 reel-to-reel tape deck, 2 speed, stereo - \$150. Audiophonics 3 speed reel-to-reel mono tape recorder, works - \$75. GE compartment box of TV channel selector knobs, contains over (35) N.O.S. knobs - \$20. Zenith console Model 9H081, 1946, (2) FM bands but record player missing, has 9 tubes, large black dial - \$75. Eico #460 oscilloscope - \$35. Heathkit scope IO-D-203 - \$50. Silvertone 7024 table radio - \$75. (125) Sams AR (auto radio) books - \$6 ea. or entire lot, call. About (3,000) Sams Photofact folders - \$2 ea. Grab bag special: Hundreds of pounds of parts, mostly new, some in original packaging, including jacks, plugs, wires, cables, needles, lamps, controls, meters, relays, misc. hardware and much more other stuff. A generous 5 pound box (no 2 alike) for - \$10 ea. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

WANTED: Tape recorder, 1948 Brush Soundmirror Model BK-401. **FOR SALE:** Sams complete sets, approximately 189-1100 - \$6 ea. ppd. Doug Hershberger, 12 Lockport Ave., North Tonawanda, NY 14120. (716) 692-7836

WANTED: National NC2-40 receiver and matching speaker in any condition, working or not. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030. Fax: (203) 272-2002. E-mail: theradioman@webtv.net

WANTED: Any original documentation concerning the McMurdo Silver Masterpiece VI with the Clifton cabinet. Gary Carter, WA4IAM, 1405 Sherwood Dr., Reidsville, NC 27320. (336) 349-1991. E-mail: gcarter01@sprynet.com

WANTED: Bosch 48A chassis, or complete console. I will pay your quote. **FOR SALE:** Some European direct heating triodes used on amplifiers. Please ask for available list. Nicolò Rubini, Via Mazzini, 7, 35040 Masi (Pd) Italy. Fax: 0039042552150, Italy, daytime

WANTED: Power transformer for Eico 950B capacitor analyzer. Sams dial cord manuals DC-1, 4, 6, 8. Alan McFarlane, 1609 S. 7th St., Aberdeen, SD 57401. (605) 225-2410. E-mail: mcfaraj@dtgnet.com

WANTED: Wood sets with metal grilles or trim, Climax/Clinton radios, miniature cathedrals. Jay Malkin, 1250 Galapago #206, Denver, CO 80204. (303) 623-6451

WANTED: Howard 450 or 450A, must be mint, also Yaesu FRG7 late with fine tune and R390A any condition. Call: Alan Carpenter, 6850 N. Camino De Fray Marcos, Tucson, AZ 85718. (520) 575-1960

WANTED: Manuals for tube testers: Westmore 501 Lab. tube analyzer; Electric Thyatron/Phanotron analyzer. Steve Leffel, 1790 Edison, Green Bay, WI 53402. (920) 465-1855

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WANTED: National coil forms #XR1DA ceramic 1 3/8" dia. x 6 7/8" long. Rodney K. Schrock, 402 Lincoln St., Somerset, PA 15501

WANTED: Hickok 539C tube tester. Morny Nisel, 20 Crestwood, Montreal, West P.O., Canada H4X 1N2. (514) 483-4937. E-mail: monyise@aei.ca

WANTED: Outdoor round 25" dia. speaker horns made by U.V. Sound, with or without screw on driver. Gordon Van Allen, 5822 Knollwood Dr., Ashtabula, OH 44009. Ph.iax: (440) 998-0723

WANTED: QSL cards, magazines, books on early radios, telegraph and wireless. Will pay a good price for good items and arrange pickup at your door. Call: Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030. Fax: (203) 272-2002. E-mail: theradioman@webtv.net

— WANTED —

**PICTURES FOR PHOTO REVIEW OR TELEGRAPH REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
SEE PHOTO REVIEW PAGES FOR
ADDITIONAL INFORMATION**

WANTED: Frost-Minton bookcase model radio, Radiobar glassware, Crosley Oracle knobs and escutcheon, Philco Concert Grand advertisement or literature. Jim Wilson, 2221 Lynn Rd., Virginia Beach, VA 23451. (757) 481-6228

WANTED: Scarce cabinets: Federal 2-tube, 110, 61, AK 627 cathedral, Motorola 52. Send wants and phone #. Ted Hutson, 11 1/2 Winthrop Ave., Beverly, MA 01915. (978) 922-3405. E-mail: tedhutson@yahoo.com

WANTED: Silvertone vacuum cleaner radio. Johnny Johnson, 7075 W. 32nd Ave., Wheat Ridge, CO 80033. (303) 274-5474

WANTED: 1940s televisions: Philco 48-1000, Motorola VT105, DuMont Club or Clifton (RA102 chassis), others. Ed Dessau, 40 Verna Rd., Monroe, CT 06468. (203) 452-1981



WANTED: Fada Catalin radios. Help! My entire collection spontaneously combusted during an interview with the "Enquirer." Replenish and repent ye sinners. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1364

WANTED: Philco E672-124 radio. J.B. Barnett, 10222 Hillsbury Dr., Baton Rouge, LA 70809. (504) 291-5273

WANTED: RCA wire recorder 1950s. Richard Baker, 8319 Hemlock Ave., Fontana, CA 92335. (909) 822-3159. E-mail: paula@access1.net

WANTED: Adams Morgan Paragon open-frame audio transformer. Your price! Finalizing long-time restoration. Rick Ammon, 1249 Solstice Ln., Fort Collins, CO 80525-1239. (888) 473-2387. E-mail: wireless@verinet.com

WANTED: AK 80 chassis, knobs & escut.; early AM/2-band FM table models; Dynaco stereo amplifier; IF transformers 175k; Philco 16b tomb or cath; cabinet Hammarlund Super Pro. Del Fankhauser, 6 Don's Dr., Mission, TX 78572. (956) 585-3209. E-mail: Delfish@hiine.net

NEW AND USED TUBES WANTED

We urgently need the following tubes. All tubes must be well known brands such as GE, RCA, Sylvania, Tung-Sol, Phillips, etc. of U.S. or W. Europe manufacture. New tubes must be in their original boxes. All tubes are subject to inspection. Ship by UPS (ground); we'll mail a check to you upon receipt and testing at prices shown plus your shipping charges. Call or fax for buying procedures and complete bid list. Call before sending more than 10 pieces of one type of tube.

NEW TUBES

01A	\$9.00	6F6G	\$5.20	12BH7A	\$5.10	274B(WE)	\$85.00	6146B/8298A	\$12.00
1L6	8.50	6G5/6U5	8.00	12DW7/7247	9.00	275A(WE)	85.00	6267-EF86	6.00
2A3	24.00	6K5G	5.00	20L F6	16.00	300B(WE)	250.00	6550A	12.00
2B6	6.00	6KD6	15.00	26LX6	6.00	350B(WE)	100.00	6550 (ST)	34.00
5R4GY/A/B	3.40	6L6GC	8.40	35LR6	6.00	623	35.00	7189 A	5.30
5U4G	6.70	6LB6	7.50	45	30.00	80B	16.00	7591A	20.00
5V4G	4.70	6LF6/6MH6	18.60	50	110.00	805/331A	32.00	8005	50.00
5Y3G	3.80	6V6	6.00	71A	8.20	845	80.00	8068	20.00
6BK4C/6EL4A	8.00	6V6G	6.50	80(ST)	5.60	864	5.00	8908	27.50
6CA7/EL34	11.00	10	25.00	211(VT-4C)	35.00	5691	15.00	8950	25.00
6F5G	5.80	12A	11.00	274A(WE)	110.00	5692	18.00	M-2057	32.00

USED TUBES

01A	\$5.00	10	\$16.00	171A	\$7.00	245	\$23.00	845	\$31.00
2A3	12.00	12A	7.00	183/483	9.30	246	11.00	7591	8.60
5AR4G/234	6.00	20LF6	7.30	210	20.00	247	8.00	8417	8.50
6B4G	6.50	42(GLOBE)	8.00	211(VT-4C)	14.50	250	65.00	8950	12.30
6LF6/6MH6	9.20	45(VT-52)	25.00	230	6.20	280	12.00	V201A	6.50
6V6G	2.10	45	11.00	237	8.50	282	8.00	WD-11	35.00
		50	60.00	240	8.50	401-CARDON	9.60	WD-12	24.00

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FOR TRADE: Microphone novelty radio (plate 443 Bunis) N.I.B. for other novelty radio. Robert Nicholson, General Delivery, Manilla, Ontario, Canada K0M 2J0. (705) 357-1466

FOR TRADE: My Radiotron 1941 RCA third edition for zigzag worm wheel gear part #1271105-140 to fit white Model 951 sewing machine. J.C. Toms, 1074 Spring Bay Rd., East Peoria, IL 61611

FOR TRADE: Selsi microscope 1200X, case, college level, exc; for working 8-track tape player. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Phone/fax: (440) 331-9206

FOR TRADE: Completing collection Philco Service bulletins 1946-1958. Let's trade copies of missing bulletins. Gary A. Micanek, 226 Henry Ave., Manchester, MO 63011. (314) 227-7046. E-mail: micanek@aol.com

FOR TRADE: For uncommon early 1920s radio(s) or speaker(s), the following Western Electric manuals in excellent original condition: 6025B (25B) amplifier; 124A amplifier, 92/94 amplifier; 10A receiver; 522 loud speaking telephone; 20A rectifier, 10 rectifier. Steve Wallace, 3707 Pricetown Rd., Fleetwood, PA 19522. (610) 944-7230. E-mail: kks@epix.net

HELP: Description or picture of original back panel for Philco 38-690. Thank you. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (610) 367-0861

HELP: Need wooden knob for Stromberg-Carlson 225-H (see Bunis 3, E.O.R. 1). Keith Dennison, PO Box 109, Victory Mills, NY 12884. (518) 695-6723

HELP: Need dial glass, volume control for Fisher 500C, or parts unit. Mark S. Rauber, PO Box 1077, Minden, NV 89423. (775) 782-3596, eves, Pacific

HELP: Need Dec. 1940 Mechanics Illustrated magazine for radio 2-tube article. Ellis H. Smithberger, 164 Andover Rd., Woodsfield, OH 43793. (740) 472-5158

Visit the A.R.C. Web Site!

The URL to access the A.R.C. Web site is:
<http://www.antiqueradio.com/>

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- Image of the Cover
- Feature Article
- Radio Miscellanea

- Plus:
- Photo Reviews
 - Book Reviews
 - Coming Radio Events
 - Complete Club Listing
 - List of Books For Sale
 - Subscription Information

While visiting our site, you may send e-mail and orders for books, videos and subscriptions.

Let us know what you think about A.R.C. on the Web!

HELP: Need hood for Philco 2" portable Safari Model 2010 TV. Also radio knobs, hardware before 1950. Will purchase bag or bushel. Larry Porter, 4115 Beam Rd., Crestline, OH 44827. (419) 683-2540

HELP: Offering \$350 for an Atwater Kent breadboard TV 11 tuner. Curt Ross, 8 Howe Blvd., Canton, NY 13617. (315) 386-4384, after 5 pm EST

HELP: Does anyone have information to test tubes 484 or 485 on Hickok tester? Also, does anyone know what those short metal tubes IN435 are? Ed DeCann, PO Box 543, Osakis, MN 56360. (320) 859-4282

HELP: Instructions and/or roll chart for Jackson 636 tube tester. A. Kruedener, 161 E. 89 St. (4E), New York, NY 10128. (212) 831-0662. E-mail: Kruedener@juno.com

HELP: Looking for original on/off switch for Atwater Kent breadboard. Mark Murphy, 1400 Chicago Ave., #802, Evanston, IL 60201. (847) 328-5036. E-mail: PiscoCal@aol.com

HELP: Any info on Western Electric 2N66 Crystal Unit Amplifying. Mark Anderson, 207 Fiddlers Elbow Rd., Greenwich, NY 12834. (518) 692-2593. E-mail: MAnder3345@aol.com

HELP: Need info, schematics, history of RCA photophone Model 4PA41A1 amp. **WANTED:** Stromberg-Carlson AU-36 amp. Soterios Gardiakos, 63 S. Broadway Ave., Aurora, IL 60505-3325. (630) 844-0590. Fax: (630) 844-0591

HELP: Need schematic for Case Model 1010, sold under Silver Marshall name. Tubes 2-6F6, 75, 2-76, 6A8, 80, etc. Thanks. Lance Smith, 6919 Sand Ridge Rd., Eden Prairie, MN 55346. (612) 934-2075. E-mail: dianns@minn.net

HELP: Need photo of GE Mod H-530 1939 sm. tombstone. Walt White, 4203 Hookheath Dr., El Paso, TX 79922. (915) 584-4744

HELP: Looking for Kodak Pageant 16mm parts for Models AV-085, AV126TR & AV256TR. Paul Moens, 6792 Miller Rd., Newark, NY 14513. (315) 331-6740. E-mail: PRMoens@aol.com

MESSAGE: Crys Tech has a new address! Free abstracts of reports on crystal set coil design and on other components are now available from: Crys Tech, 530 Topeka St., Kingman, AZ 86401

MESSAGE: Classic CB radio collectors 60s, 70s ads & pictures. Set your browser to <http://www.retroc.com> enjoy! Dave Mierzwinski, 13345 W. Dakota, New Berlin, WI 53151

MESSAGE: "Win" Collins KWM-2 for RCA 5T4 as seen at: <http://ns.onego.ru/~vitalybr/foyt.htm> under "What's Abroad." Dave Smith, Box 81, Olney, IL 62450. E-mail: k9uim@juno.com

MESSAGE: Visit our updated web site: www.olderadiosrus.com for latest specials. Antique Radio Store, 7420 Clairemont Mesa Blvd., #103-531, San Diego, CA 92111. Ph/fax: (619) 268-4155 or (888) 409-4690

MESSAGE: Free cabinet for SSD WWII entertainment radio. I'm still collecting military entertainment radios. Henry Engstrom, KD6KWH, PO Box 5846, Santa Rosa, CA 95402. (707) 544-5179. E-mail: pacifica@flash.netdex.com

MESSAGE: Please send for my list of Atwater Kent breadboard radios and parts. Paul Thompson, 315 Larspur Dr., Santa Maria, CA 93455. (805) 934-2778

MESSAGE: Come visit my new website (Airwaves). <http://www.execulink.com/~michiels/>. Wayne Michiels, 7 Lowrie Cres., Tillsonburg, Ontario, Canada N4G 5L4. (519) 688-0964. E-mail: michiels@oxford.net

MESSAGE: New Book! Antique Secrets - How the Pickers Find Treasure in another Man's Trash - \$14.95 + \$3.20 priority. Antique Secrets, PO Box 253, Sandy, UT 84091-0253. URL: www.antiquesecrets.com

VISIT A.R.C.'s WEB SITE
www.antiqueradio.com

Book Orders - Subscriptions - Articles
and more!

SERVICES: Repair of radios and other electronic equipment. John Osborne, W1KFY, Winthrop Electronics, 2 Lake St., Winthrop, ME 04364. (207) 377-2556, weekdays

SERVICES: Clear plastic reproduction dial covers for old radios - \$15 ea. ppd. Doyle Roberts, HC63 Box 236-1, Clinton, AR 72031. (501) 745-6690. E-mail: drob@artelco.com

SERVICES: Repair/replacement meters prior to 1935. **WANTED:** Meters before 1900, as is, your price! Ye Olde Meter Cellar, Leonard W. Cartwright, 879 Russet Dr., Sunnyvale, CA 94087. (408) 739-6025

SERVICES: Any dial cover - \$12 ppd. Send bezel, tracing or old dial cover. Bill Turner, WA0ABI, 1117 Pike St., Saint Charles, MO 63301 (314) 949-2210. E-mail: dialcover@webtv.net

SERVICES: Repair and restoration of antique radio and televisions 2-week turnover, 40 yrs. experience, guaranteed work. Tom's Antique Radio & TV, 8 Howe Ln., Millbury, MA 01527. (508) 865-6293

SERVICES: Manuals for amateur, audio and radio-related equipment. Buy, swap, sell. P. Markavage, Manual Man, 27 Walling St., Sayreville, NJ 08872-1818. (732) 238-8964. E-mail: manualman@juro.com

SERVICES: Hickok factory authorized contact person, providing affordable professional service, calibration and technical assistance. **WANTED:** Hickok radio test equipment for repair and resale. Special needs Model 156 traceometer, 118 A/B cardmatic and Supreme vedometer for display. **FORSALE:** Rebuilt, calibrated and guaranteed test equipment. 4, 5, 6, 7 pin tube adapters for Hickok 6000 A/B tube testers, also octal socket savers. New calibration cells and card punches for 118 and 123 cardmatics. Socket extenders for voltage measurement. Test equipment data, tube tester chart up date, to include obsolete, foreign and operators manual with schematic for most Hickok and military models **MESSAGE:** Offering service that satisfies since 1943. Thanks for all your referrals: and continued support. Wendell E. Hall, 3 Mockingbird Cir., Jeffersonville, IN 47130. Shop phone/fax: (812) 256-2090. Home phone: (812) 282-9709

SERVICES: Reproduction Philco cathedral cabinet parts. Front panels, bottom moldings, rear arches. Reproduction 70, 90 or 20 (std) cabinets. Grandfather clock finials: Philco 570, GE H-91 Colonial clock top trim and finials. Other parts inquire. Tube shields, Philco 20, 70, or 90. All plus shipping. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516

SERVICES: Radio schematics and service data, U.S. 1920s to 1960s, Canada 1920s to 1950s - SASE + \$2.50. Questions/quotes - SASE. **WANTED:** Sparton Manual #586, Zenith #4, RCC #42 to 100. Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. (732) 269-2022. Fax: (732) 269-2857. E-mail: srosenfeld@ems.att.com

SERVICES: Custom-made dial covers and plastic knobs. Satisfaction Guaranteed! Rita Hutchings, PO Box 382331, Germantown, TN 38183. (901) 754-5565. E-mail: radiorita@hotmail.com

SERVICES: Hand-wound plug-in coils for SW-3s, Wasp, and Super Wasp. Contact: Tony LeDoux, PO Box 74, Schoenchen, KS 67667. (785) 625-6075

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624 Cedar Hill Rd.
Ambler, PA 19002

or
See them on the web @
www.Grillecloth.com

E-mail: Grillecloth@compuserve.com



ARKANSAS - Apr. 2

**ANTIQUE RADIO COLLECTORS CLUB
OF FORT SMITH - MEETING**
Fort Smith, AR - St. Luke Lutheran Church
Waldron Road, at Free Ferry
7:30 pm
Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 - (501) 782-8178

NEW JERSEY - Apr. 9

**NEW JERSEY ANTIQUE RADIO CLUB
MEETING**
Freehold, NJ - Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)
7:30 pm
Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427

WASHINGTON - Apr. 3

**RADIO ENTHUSIASTS OF PUGET SOUND
MEETING**
Seattle, WA - Queen Anne Library
400 W. Garfield
2 pm
Info: REPS, 9936 N.E. 197th Street
Bothell, WA 98041 - (206) 488-9518

IOWA - Apr. 10

**HARRIS ANTIQUE AUCTION CENTER
9TH ANNUAL VINTAGE RADIO AUCTION**
Marshalltown, IA - Dan Powers' Estate
Includes: Breadboards, Waltons,
7&9 Tubes, Black dial Zeniths, etc.
10 am
Info: S. 18th Ave., Box 476, Marshalltown,
IA 50158 - (800) 862-6674

NEW YORK - Apr. 4

**GREATER NEW YORK VINTAGE
WIRELESS ASSOC.
SWAP MEET**
Lake Ronkonkoma, NY - 367 Hawkins Ave.
8 am-Noon
Info: Chris Lieppert - (516) 471-9526
Chris Bacon - (516) 821-7618

MISSISSIPPI - Apr. 10

**MISS. HISTORICAL RADIO SOC.
ANNUAL MEETING**
Meridian, MS - Highland Park
RVs are Welcome
8 am - Swap Meet
10 am - Annual Business Meeting
11 am - Auction
Info: MHRBS, 2412 C St., Meridian,
MS 39301 - (601) 693-5958

VIRGINIA - Apr. 7

**TIDEWATER ANTIQUE RADIO ASSOC.
MEETING - 7 pm**
Call for location & directions
Info: Vic Johnston - (757) 825-0757, eves.
Scott Balderston - (757) 549-0449, eves.

OKLAHOMA - Apr. 10

**OKLA. VINTAGE RADIO COLLECTORS
SPRING CONVENTION**
Midwest City, OK - 100 N. Midwest Blvd.
Midwest City Community Center
8 am-2 pm
Info: Tom Laszynski - (405) 741-1176

ARKANSAS - Apr. 8

**ARKANSAS ANTIQUE RADIO CLUB
MEETING**
Little Rock, AR - Books A Million
Markam & Bowman Rd.
7 pm
Info: Tom Burgess - (501) 455-0773
(Call to confirm details)

OREGON - Apr. 10

**NORTHWEST VINTAGE RADIO SOCIETY
MEETING**
Oregon City, OR - Buena Vista Club House
16th & Jackson St.
10 am
Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 - (503) 654-7387

**Attend a radio event near you,
learn, meet others in the hobby.**

PORTUGAL - Apr. 10-18**ANTIQUÉ RADIOS EXPOSITION**

Local Sport Building
Village Vagos, Aveiro

Info: Manuel Antonio Da Silva, Rua Da Central,
No. 376, 3840 Vagos - Portugal
Tel: 00-351-34-791252; Fax: 00-351-34-793438

VIRGINIA - Apr. 10**ROANOKE ANTIQUÉ RADIO ENTHUSIASTS
SPRING MEET**

Roanoke, VA - Elks Lodge
1147 Persinger Rd. SW

8 am-1 pm

Info: Craig Smith - (540) 977-5424
E-mail: dhcook@rev.net

MISSISSIPPI - Apr. 11**MISSISSIPPI HISTORICAL RADIO &
BROADCASTING SOCIETY
MEETING**

Meridian, MS - 2412 C Street

Info: Randy Guttery - (601) 482-4534
Bill Gerk - (601) 268-6059

NEW MEXICO - Apr. 11**NEW MEXICO RADIO COLLECTORS CLUB
MEET**

Albuquerque, NM - Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)

1:30 pm - Tailgate Swap Meet

2 pm - Program, Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop,
Sandia Park, NM 87047 - (505) 286-9320

GEORGIA - Apr. 12**SOUTHEASTERN ANTIQUÉ RADIO SOC.
MEETING WITH SHOW & TELL - 6:30 pm**

Norcross, GA - Picadilly Cafeteria
3400 Holcomb Bridge Road

Info: Gordon Hunter - (770) 475-0713
SARS, PO Box 500025, Atlanta, GA 31150

OHIO - Apr. 12**ANTIQUÉ RADIO COLLECTORS OF OHIO
MEETING**

Kettering, OH - National City Bank Basement
4100 Far Hills Ave., at Stroop Rd.

Topic: Cathedrals & Tombstones

7:30 pm

Info: John Heck - (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

SUBMISSION DEADLINE: 5th OF MONTH

MISSOURI - Apr. 13**ANTIQUÉ RADIO COLLECTORS &
HISTORIANS OF GREATER ST. LOUIS
MEETING**

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7:30 pm - Meeting (earlier for conversation)
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 - (314) 725-2333

PENNSYLVANIA - Apr. 13**DELAWARE VALLEY HISTORIC RADIO CLUB
MEETING - SWAP MEET - AUCTION**

Telford, PA - Telford Community Bldg.
Corner of Hamilton & Madison

7:30 pm

Info: Bill Overbeck, PO Box 847,
Havertown, PA 19083 - (610) 789-8199

N. CAROLINA - Apr. 13**EAST CAROLINA ANTIQUÉ RADIO CLUB
MEETING**

Greenville, NC - Western Sizzlin
2903 E. 10 St.

Info: Bill Engstrom - (252) 355-8732
Herman Schnur - (252) 752-2264

TEXAS - Apr. 13**HOUSTON VINTAGE RADIC ASSOC.
MEETING**

Houston, TX - Lai Lai Suites, Tides II Hotel,
6700 S. Main St. at Holcombe

9 am - Seminar

1 pm - Meeting/Auction/Program

Info: Bill Werzner - (713) 721-2242

NEW YORK - Apr. 15**HUDSON VALLEY ANTIQUÉ RADIO AND
PHONO. SOCIETY - MEETING**

7:30 pm - (Call to confirm details)

Info: Peter DeAngelo - (914) 496-5130

CALIFORNIA - Apr. 17**SOUTHERN CALIF. ANTIQUÉ
RADIO SOCIETY - SWAP MEET**

Ontario, CA - Location TBA

8 am

Info: Ricki Glassman - (818) 993-4560

Although non-members are welcome at all events, joining may be required at some. Admission is charged at some events.

MARK YOUR CALENDAR

Apr. 2 - AR, Fort Smith - ARCCFS Meeting
Apr. 3 - WA, Seattle - REPS Meeting
Apr. 4 - NY, Lake Ronkonkoma - GNYVWA Swap
Apr. 7 - VA, TBA - TARA Meeting
Apr. 8 - AR, Little Rock - AARC Meeting
Apr. 9 - NJ, Freehold - NJARC Meeting
Apr. 10 - IA, Marshalltown - Harris Auction
Apr. 10 - MS, Meridian - MHRBS Annual Meeting
Apr. 10 - OK, Oklahoma City - OKVRC Spring Conv.
Apr. 10 - OR, Oregon City - NWVRS Meeting
Apr. 10 - VA, Roanoke - RARE Spring Meet
Apr. 10-18 - Portugal - Exposition
Apr. 11 - MS, Meridian - MHRBS Meeting
Apr. 11 - NM, Albuquerque - NMRC Meet
Apr. 12 - GA, Norcross - SARS Meeting
Apr. 12 - OH, Kettering - ARCO Meeting
Apr. 13 - MO, Kirkwood - ARCHGSL Meeting
Apr. 13 - NC, Greenville - ECARC Meeting
Apr. 13 - PA, Telford - DVHRC Meet & Auction
Apr. 13 - TX, Houston - HVRA Meeting/Auction
Apr. 13 - TX, Houston - HVRA Meeting/Auction
Apr. 15 - NY, Hudson Valley - HARPS Meeting
Apr. 17 - CA, Ontario - SCARS Swap Meet
Apr. 17 - MI, Midland - MARC Spring Swap Meet
Apr. 17 - TX, Houston - HVRA Electronics Seminar
Apr. 17 - TX, Irving - VRPS Meet
Apr. 17-18 - CO, Denver - CRC Annual Show & Sale
Apr. 18 - IL, Elgin - ARCI Meeting
Apr. 18 - LA, Baton Rouge - LGARC Meet
Apr. 18 - MD, Burtonsville - MAARC Meeting
Apr. 18 - NY, Queens - GEMM Show
Apr. 18 - TX, Shertz - TARC Meeting
Apr. 18 - WA, Seattle - PSARA Swap Meet
Apr. 20 - CA, Sacramento - CHR5-Sac. Meeting
Apr. 21 - OH, Cincinnati - CARS Meeting
Apr. 21 - OH, Columbus - COARA Meeting
Apr. 24 - NH, Nashua - NEARC Spring Meet
Apr. 24 - PA, Patton - PARS Meeting
Apr. 24 - WV, Huntington - MRAT Show & Auction
Apr. 24-25 - NJ, Somerdale - Krantz Estate Auction
Apr. 26 - AL, Birmingham - AHR5 Meeting
Apr. 27 - OH, Kettering - SPARK Meeting
Apr. 30-May 1 - CA, San Luis Obispo - MRCG Meet
May 1 - WA, Seattle - REPS Meeting
May 2 - NY, Lake Ronkonkoma - GNYVWA Swap
May 5 - VA, TBA - TARA Meeting
May 6 - AR, Fort Smith - ARCCFS Meeting
May 8 - IL, Anna - Estate Auction
May 8 - OK, Oklahoma City - OKVRC Meeting
May 8 - OR, Oregon City - NWVRS Meeting
May 8 - OR, Oregon City - NWVRS Swap Meet
May 8 - OR, Washington Co. - NWVRS Swap Meet
May 9 - MS, Meridian - MHRBS Meeting
May 9 - NM, Albuquerque - NMRC Meet
May 9 - UK, Birmingham - NVCF
May 10 - GA, Norcross - SARS Meeting
May 11 - MO, Kirkwood - ARCHGSL Meeting
May 11 - NC, Greenville - ECARC Meeting
May 11 - OH, Kettering - ARCO Meeting
May 11 - PA, Telford - DVHRC Meet & Auction
May 13 - AR, Little Rock - AARC Meeting
May 14 - NJ, Freehold - NJARC Meeting
May 14-15 - MN, Plymouth - NARC Radio Daze '99
May 15 - NC, Grimesland - ECARC Radiofeast '99
May 15 - PA, Danville - CPRCC Swap Meet
May 16 - CO, Denver - CRC Meeting
May 23 - British Columbia - CVRS Chapter Meeting
May 29 - Ontario - LVRC Meeting
May 31-Jun. 1 - TX, Houston - HVRA Mega Auction
Jun. 3-5 - IN, Indianapolis - IHRS/AWA Spring Fling
Jun. 5 - CT, Hartford - VRMC Swap

MARK YOUR CALENDAR

(Continued from bottom left column)

Jun. 12 - RI, Greenwich - Yankee Tune-up
Jun. 17-19 - MD, Calverton - MAARC RadioActivity
Jun. 25-26 - OH, Cincinnati - CARS RadloRama 99
Jun. 25-26 - WA, Seattle - REPS Showcase VII
Jul. 8-11 - MI, Lansing - MARC 14th Extravaganza
Aug. 4-7 - IL, Elgin - ARCI Radiofest XVIII
Sep. 1-4 - NY, Rochester - AWA Meet
See expanded listing for many of these events

COLORADO - Apr. 17-18

COLORADO RADIO COLLECTORS ANNUAL SHOW & SALE

Denver, CO - Stockshow Complex
(North side of I-70 & Brighton Blvd.)

Sat: 9-5; Sun: 9-4

Info: Tom Kelley - (303) 444-1837

MICHIGAN - Apr. 17

MICHIGAN ANTIQUE RADIO CLUB SPRING SWAP MEET

Midland, MI - Valley Plaza Resort
(off U.S. 10, Bay City Rd. Exit)

8 am-1 pm (Sellers @ 7 am)

Silent and Donation Auctions
Equipment Contest & 50/50 Raffle
Advance seller table reservations advised

Info: Mike Dale - (517) 872-5387

E-mail: mdale@casscity.walbro.com

TEXAS - Apr. 17

VINTAGE RADIO & PHONO SOCIETY MEET

Irving, TX - Jaycee Center for Arts
3 pm

Info: George Potter - (972) 353-4862
VRPS, PO Box 165345, Irving, TX 75016

ILLINOIS - Apr. 18

ANTIQUÉ RADIO CLUB OF ILLINOIS MEET

Elgin, IL - Elgin Plaza Hotel
Swap Meet - Donation Auction
7 am-Noon

Info: Art Bilski, PO Box 1139,
La Grange Pk., IL 60526 - (630) 739-1060

LOUISIANA - Apr. 18

LOUISIANA & GULF COAST ANTIQUÉ RADIO CLUB - MEET

Baton Rouge, LA - 750 Moore St.

Info: Phil Boydston - (225) 926-3528
E-mail: pkboyd@bellsouth.com

MARYLAND - Apr. 18

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING - 2 pm

Burtonsville, MD, New Hope Seventh Day
Adventist Church, 15121 McKnew Rd.
(Between Rt. 29 & I-95, off Rt. 198)

Info: Ed Lyon, 11301 Woodland Way,
Myersville, MD 21773 - (301) 293-1773

TEXAS - Apr. 18

TEXAS ANTIQUE RADIO CLUB MEETING

Shertz, TX - VFV Hall

Info: Jim Moffett, 218 Shannon Lee, San
Antonio, TX 78216 - (210) 826-4938

WASHINGTON - Apr. 18

PUGET SOUND ANTIQUE RADIO ASSOC. MEETING

North Seattle, WA - Shoreline Museum
N. 175th & Linden Avenue

9 am-Noon - Tailgate Swap Meet
Noon - Meeting, Program, Show & Tell

Info: Pete Petersen, PO Box 7251
Seattle, WA 98133 - (425) 747-1323

CALIFORNIA - Apr. 20

CALIF. HISTORICAL RADIO SOCIETY SACRAMENTO CHAPTER MEETING

Sacramento, CA - SMUD Building
Corner of Elkhorn & Don Julio

7 pm

Info: CHRIS Hotline - (415) 821-9800

OHIO - Apr. 21

CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING

Columbus, OH - DeVry Institute of Tech.
1350 Alum Creek Rd., I-70 Exit 103B

7:30 pm

Info: Barry Gould - (614) 777-8534
Chuck Davis - (614) 792-6237

A free* listing on these pages is available for each coming antique radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made. *Club/museum/non-profit events are listed free; other events are obtained from advertisements placed elsewhere in A.R.C. Sorry, we don't have room for hamfests.

OHIO - Apr. 21

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Norwood, OH - ITT Technical Institute
4750 Wesley Ave.

7:30 pm

Info: Greg Tierney - (937) 732-1844

NEW HAMPSHIRE - Apr. 24

NEW ENGLAND ANTIQUE RADIO CLUB SWAP MEET

Nashua, NH - Resurrection Center
Rt. 3 (Everett Turnpike) Exit 6
1 1/2 miles West on Rt. 130, 449 Broad St.

7:30-8 am - Real Early Admission

8-9 am - Early Admission

9 am-1 pm - General Admission

Over 100 tables - 50/50 Raffle - CATERED

Old Equipment Contest

Reservations required to sell

Info: Gregg Thompson, PO Box 298
Newtonville, MA 02160 - NEARC: (617) 923-2665

NEW JERSEY - Apr. 24-25

FRANK KRANTZ ESTATE AUCTION

Somerdale, NJ - 100 Osage Ave.

Sat.: 10 am-5 pm

Sun.: 10 am-5 pm

Info: Dennis Childers - (610) 269-1036
Childers/Smith Auction Co.

PENNSYLVANIA - Apr. 24

PITTSBURGH ANTIQUE RADIO SOCIETY MEETING

Patton, PA - Westinghouse Lodge
10 am-2 pm

Info: PARS, 913 5th Ave. E,
Patton, PA 16668 - (412) 222-6678

W. VIRGINIA - Apr. 24

MUSEUM OF RADIO & TECHNOLOGY SPRING RADIO TRADER SHOW & AUCTION

Huntington, WV

Museum of Radio & Technology

8 am-5 pm

Info: MRAT, 1640 Florence Ave.
Huntington, WV 25701 - (304) 525-8890

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

ALABAMA - Apr. 26

**ALABAMA HISTORICAL RADIO SOCIETY
MEETING - 7 pm**

Birmingham, AL - Homewood Public Library
1721 Oxmoor Road

Info: Julian Brook, PO Box 130307,
Birmingham, AL 35213 - (205) 879-1191

VIRGINIA - May 5

**TIDEWATER ANTIQUE RADIO ASSOC.
MEETING**

Call for location & directions
7 pm

Info: Vic Johnston - (757) 825-0757, eves.
Scott Balderston - (757) 549-0449, eves.

OHIO - Apr. 27

**SOCIETY FOR PRESERVATION OF
ANTIQUARY RADIO KNOWLEDGE
MEETING**

Kettering, OH - Party Room at Cassano's
Pizza, 1700 E. Stroop Rd.

Presentation: Show & Tell Night
7:30 pm

Info: PO Box 482, Dayton, OH 45449
E-mail: sparkinc@juno.com

ARKANSAS - May 6

**ANTIQUARY RADIO COLLECTORS CLUB
OF FORT SMITH
MEETING**

Fort Smith, AR - St. Luke Lutheran Church
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 - (501) 782-8178

CALIFORNIA - Apr. 30-May 1

**MILITARY RADIO COLLECTORS GROUP
4TH ANNUAL MEET**

San Luis Obispo, CA

Fri: Equipment Set Up & Operation

Sat.: 6 am - Swap Meet

10 am - Program w/3 Presenters

Noon - BBQ Lunch

9 am - Ladies' Meet

Info: Hank Brown, 4141 W. L-2, Lancaster, CA 93536
(805) 943-2027 - Don Jeffrey: boallan@aol.com

ILLINOIS - May 8

**ESTATE SALE
VINTAGE RADIOS/ACCESSORIES**

Anna, IL - Martin Auction Co.

10 am

Info: Martin Auction Co. - (618) 833-3589

WASHINGTON - May 1

**RADIO ENTHUSIASTS OF PUGET SOUND
MEETING - 2 pm**

Seattle, WA - Queen Anne Library
400 W. Garfield

Info: REPS, 9936 N.E. 197th Street
Bothell, WA 98041 - (206) 488-9518

OKLAHOMA - May 8

**OKLA. VINTAGE RADIO COLLECTORS
MEETING**

Oklahoma City, OK - Oklahoma Station BBQ
Springdale Shopping Center, 4333 N.W. 50th

6 pm - Dinner

7 pm - Meeting

Info: Jim Collings - (405) 755-4139, after 6 pm
Mike Lapuzza - (405) 745-3394, after 7 pm

NEW YORK - May 2

**GREATER NEW YORK VINTAGE
WIRELESS ASSOC. - SWAP MEET**

Lake Ronkonkoma, NY - 367 Hawkins Ave.
8 am-Noon

Info: Chris Lieppert - (516) 471-9526
Chris Bacon - (516) 821-7618

OREGON - May 8

**NORTHWEST VINTAGE RADIO SOCIETY
MEETING**

Oregon City, OR - Buena Vista Club House
16th & Jackson St.

10 am

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 - (503) 654-7387

**NOTE: The "Coming Radio
Events" pages are tabulated from
the best information available to
A.R.C. However, changes, cancel-
lations and errors do occur. To
avoid disappointment, verify
place, date and time especially
for events which are new to you.**

OREGON - May 8

**NORTHWEST VINTAGE RADIO SOCIETY
SWAP MEET**

Washington County, OR
Washington County Fairgrounds

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 - (503) 654-7387

MISSISSIPPI - May 9

MISSISSIPPI HISTORICAL RADIO & BROADCASTING SOCIETY MEETING

Meridian, MS - 2412 C Street

Info: Randy Guttery - (601) 482-4534
Bill Gerk - (601) 268-6059

NEW MEXICO - May 9

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM - Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)

1:30 pm - Tailgate Swap Meet

2 pm - Program, Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop,
Sandia Park, NM 87047 - (505) 286-9320

UNITED KINGDOM - May 9

NATIONAL VINTAGE COMMUNICATIONS FAIR

Birmingham, UK - NEC Hall 11

300+ Exhibitors - Radio, TV, Phonograph etc.

10:30 am-4 pm

Info: NVCF, Spice House, 13 Belmont Rd.,
Exeter, Devon, England - Ph: (01392) 411565

GEORGIA - May 10

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL - 6:30 pm

Norcross, GA - Picadilly Cafeteria
3400 Holcomb Bridge Road

Info: Gordon Hunter - (770) 475-0713
SARS, PO Box 500025, Atlanta, GA 31150

MISSOURI - May 11

ANTIQUÉ RADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS MEETING

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7:30 pm - Meeting (earlier for conversation)
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 - (314) 725-2333

N. CAROLINA - May 11

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC - Western Sizzlin
2903 E. 10 St.

Info: Bill Engstrom - (252) 355-8732
Herman Schnur - (252) 752-2264

MENTION A.R.C. WHEN CONTACTING CLUBS!

OHIO - May 11

ANTIQUÉ RADIO COLLECTORS OF OHIO MEETING - 7:30 pm

Kettering, OH - National City Bank Basement
4100 Far Hills Ave., at Stroop Rd

Topic: Wooden Radios From the 30s

Info: John Heck - (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

PENNSYLVANIA - May 11

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING - SWAP MEET - AUCTION

Telford, PA - Telford Community Bldg.
Corner of Hamilton & Madison

7:30 pm

Info: Bill Overbeck, PO Box 847,
Havertown, PA 19083 - (610) 789-8199

ARKANSAS - May 13

ARKANSAS ANTIQUE RADIO CLUB MEETING - 7 pm

Little Rock, AR - Books A Million
Markam & Bowman Rd.

Info: Tom Burgess - (501) 455-0773

MINNESOTA - May 14-15

NORTHLAND ANTIQUE RADIO CLUB RADIO DAZE '99

Plymouth, MN - Comfort Inn
3C00 Harbor Ln. (494 & 55)

Old Radio Auction
Radio Raffle

Visit Pavek Museum
Presentation by Kenneth Mason
(Media Consultant & SW enthusiast)

Info: Don Hauff - (612) 933-9070
PO Box 18362, Minneapolis, MN 55418

NEW JERSEY - May 14

NEW JERSEY ANTIQUE RADIO CLUB MEETING - 7 pm

Freehold, NJ - Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)

Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427

PENNSYLVANIA - May 15

CENTRAL PA RADIO COLLECTORS CLUB OUTDOOR SWAP MEET & SHOW

Danville, PA - Rte. 54W (Exit 33 off Rte. 80)
Cloverleaf Barn Antique & Gift Village

8 am

Info: Frank Hagenbuch - (570) 326-0932

COLORADO - May 16

COLORADO RADIO COLLECTORS MEETING

Denver, CO - VecraBank Bldg.
1380 South Federal Ave.

1 pm

Info: Larry Weide - (303) 758-8382

MARYLAND - Jun. 17-19

MID-ATLANTIC ANTIQUE RADIO CLUB RADIOACTIVITY 99

Calverton, MD - Holiday Inn
Powder Mill Rd. (Exit 29B off I-95)

Info: Brian Belanger, 5730 Avery Park Dr.,
Rockville, MD 20855 - (301) 258-0708

BRITISH COLUMBIA - May 23

CANADIAN VINTAGE RADIO SOCIETY BRITISH COLUMBIA CHAPTER MEETING

Richmond, BC - Steveston Hotel

Info: Fred Tutt - (604) 275-2033

ONTARIO - May 29

LONDON VINTAGE RADIO CLUB OF ONTARIO MEETING

London, Ontario - London Jaycees
317 Adelaide St. South

Noon - Doors Open

1 pm - Meeting Starts

Info: Lloyd Swackhammer, RR# 2, Alma
Ontario, Canada N0B 1A0 - (519) 638-2827

TEXAS - May 31-Jun. 1

HOUSTON VINTAGE RADIO ASSOC. MEGA AUCTION

Houston, TX - Lai Lai Suites, Tides II Hotel,
6700 S. Main St. at Holcombe

Info: Bill Werzner - (713) 721-2242

INDIANA - Jun. 3-5

INDIANA HISTORICAL RADIO SOCIETY 28TH ANNUAL REGIONAL SPRING FLING

Indianapolis, IN

Signature Inn (East Washington St. at I-465)

Info: George Freeman, 102 E. Main St.
Madison, IN 47250 - (812) 256-6878

Updating Club List

Please send A.R.C. the name, address, etc.
of your club's contact person.

OHIO - Jun. 25-26

CINCINNATI ANTIQUE RADIO SOCIETY RADIORAMA 99

Cincinnati, OH

Signature Inn (Exit 182 off I-75)

Thu.: 6 pm-9 pm - Hospitality Session

Fri.: Dawn - Swap Meet

10 am - Exhibition "Pre-War RCA Radios"

2 pm - Tour "Gray History of Wireless Museum"

7 pm - Seminar

Sat.: Dawn-Noon - Swap Meet

10 am-Noon - Exhibition Continues

Info: Bob Sands - (513) 858-1755

SEATTLE - Jun. 25-26

RADIO ENTHUSIASTS OF PUGET SOUND SHOWCASE VII

Seattle, WA - Seattle Center; Hotel:
Inn At Queen Anne - (206) 282-7357

Theme: Mystery at the Mike

Info: Mike Sprague, PO Box 723, Bothell,
WA 98041 - (425) 488-9518 - hrrmikes@aol.com

MICHIGAN - Jul. 8-11

MICHIGAN ANTIQUE RADIO CLUB EXTRAVAGANZA '99

Lansing, MI

Holiday Inn South Convention Center
6820 S. Cedar St. - (517) 694-8123

Equipment Contest

Open Air Flea Market

Museum Exhibit

Auction

Theme: On The Air

Info: Extravaganza '99, Suite 100, 3520 Okemos
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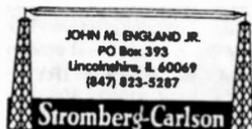
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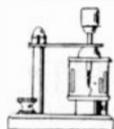
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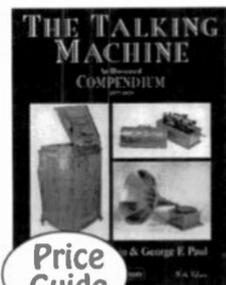
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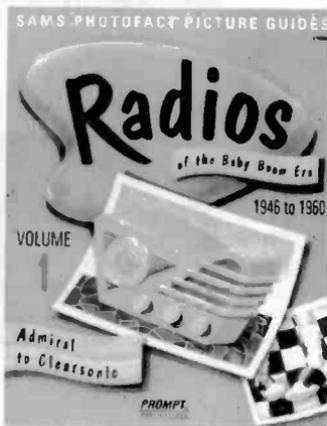
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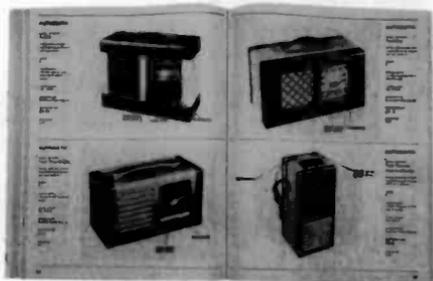
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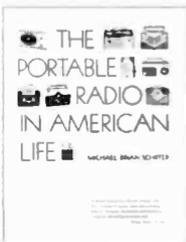


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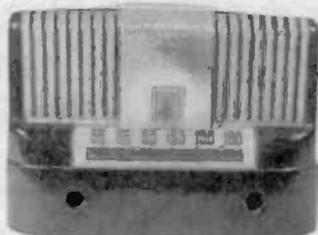
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FOR SALE: BENDIX AM-FM 75P6U. A nicely designed 5-tube brown bakelite table top, about 13" wide. In very good condition, works on AM with very minor hum. Brown perforated metal grille and screened glass dial. Circa 1949... **\$53**



FS: Raymond Loewy Emerson 561 cabinet
This brown bakelite case has an inserted gold reverse-painted plastic grill, and it's in very good condition. This should be great to replace that broken set you've collected-or use as a prop! **\$31**



FOR SALE: BENDIX White bakelite/Plascon. Model number 55L3U, this works but has a loud hum. Real swept design you'd expect from an aviation company! Glass dial is front and rear painted in green and gold; no cracks but some fine flakes out of the ledge just over the dial **\$68**



FOR SALE: Raymond Loewy Emerson 517 An-
other empty case, this white bakelite or plascon cabinet is in excellent condition with no cracks or breaks. Great to replace a broken case-or convert your brown set into a more valuable white! **\$35**

Always BUYING VINTAGE TVs!!!

We even buy complete Radio-TV shops and television collections!

Don't forget: we also buy quality cameras: Leitz, Canon, Nikon, Zeiss, Bolex, Graflex, and lots more! Please call, FAX or email for our offer.

TYPICAL 10" TVs

We need 10" table top television sets from the 1940s. Very clean cabinets wanted--but we can use them regardless of chassis or CRT condition--we'll even buy your empty cases!

Paying \$25 to \$200 each!

PRE-WAR TVs--- pre-1942

We will buy ANY television produced before 1942. These need not be complete! Look for GE's with push buttons below screen, RCA TRK's and TT5, DuMont 180s, and many others!

Paying \$500 to \$5,000 each!

WANTED: 2"- 5" Color TVs

We buy 1970s and 1980s television with color picture tubes, in the small to very small size! Made by Panasonic, Sony, and others.

PAYING \$50 to \$200 each!

WANTED: UNUSUAL or Weird TVs

You'll know them when you see them--strange TVs from the 1940s through the 1970s--wanted! We have plenty of square sets--so now we're looking for the really great odd-balls!

PAYING \$50 to \$500 each!

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 29¢ each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by **Noon Eastern Time** on the classified ad deadline date to guarantee inclusion in the current issue. 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.

Faxed & e-mailed ads: Please see additional information on the inside front cover.

When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. 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.

To minimize our typing errors: Please write legibly. Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, l and I (the number one, the capital i and the small L.) Also: 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 3; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations 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 must 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.

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason. See also Publishing Rights on page 2.

Clubs: Since club activities receive free coverage on the *Coming Radio Events* pages, the free 20 words may not be used for club activity ads. A discount on display advertising is available for clubs.

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. 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***

29¢ 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:

47¢ per word **plus**

10¢ per word for shaded ad.

Please do not forget to send in the extra 29¢ 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: 10% for 6 months; 20% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:

40¢ 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):

50¢ 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

\$23.00 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, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.

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