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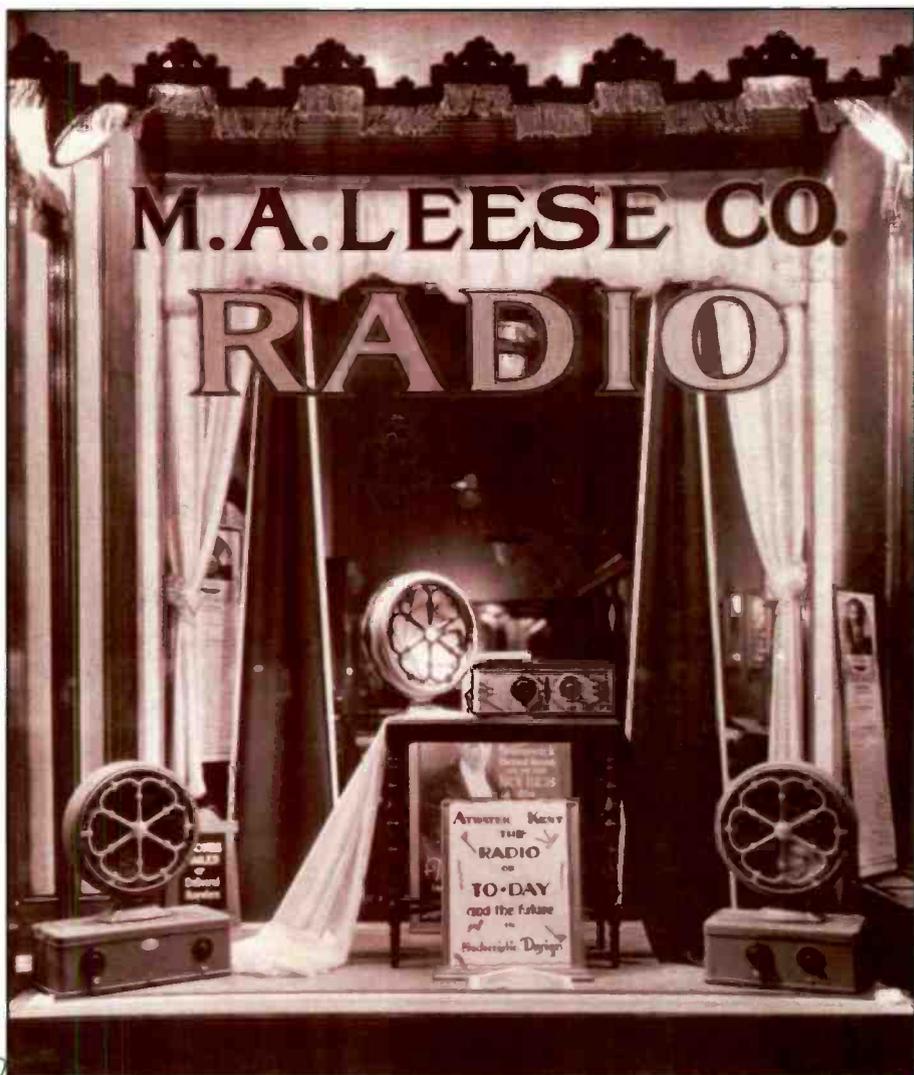
ANTIQUE RADIO CLASSIFIED



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

## ANTIQUE RADIO CLASSIFIED

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1/2 H	5 1/4 x 7 1/2		3 5/16 x 4 3/4		146.00	389.00	675.00*	1175.00**	37.00†
1/2 V	12 7/16 x 3 9/16		7 3/4 x 2 1/4		146.00	389.00	675.00*	1175.00**	37.00†
1/4	5 1/4 x 3 9/16		3 5/16 x 2 1/4		74.00	197.00	342.00	595.00	19.00†
1/8	2 5/8 x 3 9/16		1 5/8 x 2 1/4		38.00	101.00	177.00	305.00	9.00†
Business Card (1st)	2 x 3 3/4		1 1/4 x 2 3/8		not avail.	53.00	90.00	159.00	7.00†
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# ANTIQUE RADIO CLASSIFIED



## EDITOR'S COMMENTS

Something about May always points to stepped-up activity and a sense of anticipation in the radio-collecting community. A.R.C. is no exception, for we are looking forward to our 15th anniversary special issue in June, and to a new phase of publishing as the millennium approaches — ads on the net for subscribers only. Today's activity looks to the future, while, like true collectors, we savor the past.

Our lead article on the Atwater Kent Company falls neatly into that present-future-past pattern. Although it covers an event only three years old, three years is not much in the old-radio scheme of things. In 1996, just before the demolition of the old Atwater Kent Building No. 2 factory, a 1929 cornerstone containing a time capsule was opened. Inside the capsule was an Atwater Kent Model 55 radio, along with other memorabilia. Fortunately, both the 1929 and 1996 events were well covered on film or video, and the story is told in our pages this month.

This article grew in unexpected ways. Our cover photo of an Atwater Kent window display from the late 1920s had been sent to us separately. It seemed an appropriate companion to the Atwater Kent article. Then, in the center of the photo display, we noticed an unusual set — a Model 37 "Modernistic." The result is a short piece on this set as well.

We are grateful to those who contributed to this article, but we especially thank Atwater Kent historian Ralph Williams for much of it. Coincidentally, our early reprint is William's first "A-K Breadboard Review."

A few months ago, we ran a piece on Cliff Gardner and his work for Phil Farnsworth. In this issue, Alan Betz furnishes photos and a detailed explanation of the operation of Farnsworth's image dissector tube.

Following on the television theme, Phil Whitney writes about the early days of mechanical television. The 45- and 60-line systems Phil mentions produced a crude picture compared to today's 525-line system.

The folks in the Mid-Atlantic Antique Radio Club have had a busy time with the founding of the Radio Historical Society (independent of the club) and its new museum in Bowie, Md. Ken Mellgren and Charles Rhodes tell just how it all happened. We wish all involved in this project success in what often turns out to be a long-term, sometimes difficult, labor of love.

In his report on Radio XXX in Westford, Mass., Dave Crocker remarks on the amazing growth of this event. Radio XXX, now managed by A.R.C., boasts of one of the largest attendance totals of any radio meet in the U. S. As Dave says, it's "a Class A event."

Two auction reports are included this month. The hot items at the Harris auction in September 1998 in Marshalltown, Iowa, were early sets ranging from a Kennedy VI selling for \$325 to a DeForest W-5-F selling for \$1,050. And, Ray Chase reports on a January Arner general auction in Mahoning Valley, Pennsylvania, which included a number of radios. Ray's report shows how important it is to be aware of the condition of items in auctions. Obviously, better condition brings higher prices;

poorer condition brings considerably lower prices.

When Fred Gear rescued a 4-tube TRF set from the landfill, he may not have realized how challenging its restoration would turn out to be. His problems began with removing the chassis from the cabinet and continued from there. Fred reminds us that necessary compromises may lead to imperfect but satisfying results.

*Photo Review* illustrates our world-wide reach with photos of a Brazilian Invictus television set sent by Alceu Massini of Brazil and a Kitcraft radio sent by Erwin Macho of Austria. The foreign contributions are rounded out by equally interesting fare from U. S. contributors.

*Radio Miscellanea* includes more on lubrication of potentiometers, on A.R.C.'s Web plans, and on the Remler Infra+Dyne. Also, a longer letter suggests that many collectors find it difficult to attend meets that concentrate their activities during the work week.

We run another of our Internet articles to present the Internet to those of you who may not be online yet or are novices to this new medium. The article summarizes A.R.C.'s links to over 200 Web sites.

And, we present the first part of Dick Desjarlais' journey into the world of the Internet. Dick, at A.R.C.'s encouragement, will be sharing his experience of going from an "I don't even know how to spell it" guy to being a full-fledged cybersurfer. His vehicle will be WebTV.

**Internet.** Speaking of the Internet, our work to expand our Internet site continues. We are trying hard to add features that many of you have requested, but our efforts must be kept within the confines of a small publication's budget. However, it will happen soon.

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

**Coming Radio Events.** Over 46 collector events are listed this month. Multiday events include the Military Radio Collectors Group Meet in California, the Houston Vintage Radio Association Mega Auction in Texas, and the Northland Antique Radio Club's Radio Daze in Minnesota. Unfortunately, A.R.C. has decided not to exhibit this year at the Dayton, Ohio, Hamvention. Put a trip to one of these on your calendar.

Happy Collecting.

John V. Terrey, Editor

## ON THE COVER

Our cover features a 1928 publicity photo of a window display used by the Southern Wholesalers firm in Washington, D.C., distributor of Atwater Kent products.

M.A. Leese Co., the company in the photo, was located on 11th St., N.W., in downtown Washington. Well known for retailing, the company also owned Station WMAL at 630 on the dial, which remained for years at this same site. Leese's trade in phonograph records led to a relationship with radio stars like Eddie Gallagher, Arthur Godfrey, and Arch MacDonald.

We're grateful to Sidney Greenspan, who sent the photo to A.R.C., after it had been given to him by Bill O'Connor, last owner of Southern Wholesalers.



# WITH THE MANUFACTURERS

## The Atwater Kent Manufacturing Company Building No. 2 — Its Time Capsule & Its Radios

COMPILED BY DOROTHY SCHECTER FROM INFORMATION CONTRIBUTED BY JOHN DILKS, BILL OVERBECK, LUDWELL SIBLEY, AND RALPH WILLIAMS

*Sometimes even we are amazed at how an A.R.C. article evolves. We delayed publication of reports on the Atwater Kent time-capsule opening in Philadelphia in October of 1996, hoping to combine it with another Atwater Kent article. This goal was enhanced by the subsequent arrival of the wholly unsolicited photo on this month's cover. The center radio in the cover photograph is the "Modernistic" which prompted yet another story. Finally, more detailed information from Atwater Kent expert Ralph Williams on the time-capsule opening and the radio contained therein made assembling the pieces of this Atwater Kent story imperative. Though it has taken a while, here at last is a finished product. (Editor)*

On October 25, 1996, the U.S. General Services Administration (GSA) hosted the opening of a time capsule, which, in May 1929, had been part of the dedication of the second Atwater Kent Manufacturing Co. factory (Building No. 2) at 5000 Wissahickon Ave. in Philadelphia. See Figure 1.

The GSA's handling of the decommissioning of Building No. 2 seems to have been a respectful and appropriate treatment of a semihistoric but obsolete facility. It is particularly appropriate that artifacts from the building are to be preserved. The capsule contents will go on display in the new VA building.

Building No. 2 was begun in 1928 and dedicated in May, 1929. Atwater Kent used it until liquidating in 1937. The Federal Government bought it in 1941 to establish the Army's Philadelphia Signal Depot. After dissolution of the Depot in 1949, other Government agencies used the building: the National Archives, the Treasury Department, and the Veterans Administration. The VA — the final tenant —

has lately moved to a new, adjacent facility. The original Atwater Kent buildings in the next block are registered historic properties and are being preserved.

### THE 1929 CEREMONY

Realizing the publicity value of the Building No. 2 dedication, Kent enclosed in a copper box a then current receiver — the Model 55 table radio. The box was sealed in a hollow granite stone that was embedded in the front wall of Building No. 2 with the actual year of the building's initial use — 1928 — engraved on the face.

A short, silent film clip, made on that eventful day and later found by Atwater Kent's grandson Peter, was sent to us by Ralph Williams. It shows a jaunty A. Atwater Kent receiving a huge key to the city from Mayor Mackey of Philadelphia. Kent, reportedly a bit of a character, appears to be briefly strumming the key like a guitar. Aiding in soldering the box is U.S. Senator Dill, called the "Father of Radio Legislation" because of the "Dill Bill," later the Dill-White Radio Act of 1927, establishing the Federal Radio Commission. Atwater Kent, Jr., and a fashionably dressed lady, perhaps

his wife, get right into the cementing of the stone in place. An interesting aside is the view of the audience — almost all men, many of whom puff away on cigars.

Building No. 2 doubled the size of the original factory to 32 acres. Something of a marvel at the time of its construction, its roof trusses spanned an unusually long distance (60 feet) between support pillars. The sawtooth roof with north-facing windows gave natural lighting and ventilation. The whole Atwater Kent complex featured something like six miles of conveyor belts.



Figure 1. The Atwater Kent Manufacturing Company factory, known as Building No. 2, at 5000 Wissahickon Ave. in Philadelphia.



Figure 2. The 1929 cornerstone opened in 1996 before the demolition of Building No. 2.

Following the dedication of the building on that day in 1929, a Pullman train backed up to the factory siding. It was to take Mr. Kent, his staff, and several hundred radio distributors to the 3-day annual company convention in Atlantic City.

#### THE 1996 CEREMONY

The 1996 opening of the cornerstone, shown in Figure 2, was precipitated by the imminent demolition of Building No. 2. The question of historic artifacts had arisen, and the GSA contacted the Atwater Kent Museum in Philadelphia to find out the building's history. Atwater Kent historian Ralph Williams was consulted, and he provided information about the cornerstone contents and dedication. Arrangements were made to have the stone X-rayed to find out if it, indeed, contained a radio. The radiograph showed nothing definitive; nevertheless, contractors were commissioned to remove the cornerstone.

On the day of the ceremony, rigging equipment pushed the cornerstone out of the building wall and lifted the stone high enough to remove the



Figure 3. Atwater Kent III speaking at the 1996 opening of the cornerstone.



Figure 4. Ralph Williams unsoldering the lid of the copper time capsule.

box. Atwater Kent III, shown in Figure 3, removed it from the cornerstone and brought it to the dais. There Ralph Williams, shown in Figure 4, melted the last bit of solder from the lid and opened the box. (Note that the cornerstone and metal box had been removed a few days before, most of the solder, which sealed the lid, had been removed, and all was then replaced for the ceremony.)

Jeff Ray from the Atwater Kent Museum removed the contents — a copy of Atwater Kent's dedication speech, five Philadelphia newspapers in good condition (see Figure 5), and the Model 55 with its tag and instruction book. Externally, the set was in almost mint condition. Williams then opened the radio (see Figure 6) to show its internal condition and spoke about its quality and history. This tabletop set with its seven global tubes used a separate speaker and was "the peak radio of the



Figure 5. A well-preserved copy of the "Philadelphia Inquirer" found in the cornerstone.

Atwater Kent line of that period," according to Williams.

Besides members of the Kent family, the event was attended by local dignitaries and interested antique radio collector/historians. Bill Overbeck, Jim Whartenby, and Bill Fizette — presidents of the Delaware Valley Historic Radio Club, the New Jersey Antique Radio Club, and the Antique Wire-

(Continued on following page)



Figure 6. Ralph Williams showing the interior of the Model 55 radio from the time capsule.

(Atwater Kent Time Capsule & Radios, continued)

less Association respectively — were among many area club members present.

Ten video cameras, including those of the four local commercial network stations, recorded the event. Inside the building, the GSA showed the silent movie of the original dedication ceremony, starring a confident-looking A. Atwater Kent and his supporting cast.

#### MORE ON THE TIME-CAPSULE RADIO

Ralph Williams prepared a detailed report on the Model 55 radio found in the time capsule for the consultant archeologist to the time-capsule project. The following is compiled from that report.

To analyze the Model 55's condition after its journey through time, it was delivered to the Voice of the Twenties Museum (VOT) in Orient, New York. As already indicated, the outside of the case and the top and bottom covers were almost defect-free. However, the visible internal parts of the radio showed some deterioration.

Upon close examination of the interior, shown in Figure 7, extensive rust and degradation on the bottom of the set where the cover was fastened to both the chassis and the bottom of the case indicated water damage. Pitting was also evident over almost the entire upper surface of the chassis. The



Figure 7. A close-up view of the interior of the time-capsule radio.

gold-plated medallion on the top cover, shown in Figure 8, and the dial escutcheon were like new, but the nameplate was nearly illegible.

Examination of the selective water damage to the chassis led to careful viewing of the seven tubes, which alternate between the RCA and Cunningham brands. This arrangement is significant because Kent sold radios on the East Coast with RCA tubes and on the West Coast with Cunningham tubes. Two problems were revealed: corrosion between the clips and the caps and destruction of the integrity of the solder.

No damage had been done to the tuning knob shaft or its bushing. When the chassis was turned over, those socket connections that had cooled during manufacture with a shiny outer layer of tin were in good condition. Where the cooling had exposed a higher percentage of lead, the surface had a matte finish from the lead in the solder, and the connection was problematic, sometimes deficient.

Among the other deficiencies, the cast lead ends of the resistors were coated with a white material, the bronze socket connections for the loudspeaker cable were badly corroded, and the open holes in the speaker socket had provided a means for internal gas flow between the bottom and the top of the chassis.



Figure 8. The Atwater Kent Radio emblem on the top of the set in like-new condition!

The destructive agent was felt to be a compound of sulfur, perhaps sulfuric acid, that was made by the moisture that had breathed into the soldered copper box and leached sulfur out of the newspapers. Over the years, outside moisture had penetrated the the copper box through minute openings in its soldered bead. The newspapers had not been separately sealed against moisture.

Electrical continuity tests indicated that the transformers, coils, and capacitors had many bad connections. The main power transformer was found to be in satisfactory condition, but several tubes were inoperative. It was determined that electrical operation would be unnecessarily destructive, and it was not attempted.

#### CONDITION FOR EXHIBITION

The time capsule preserved the original external appearance of Kent's radio so that now it would make the same presentation as it did in a late 1920s living room. Its exhibition in a protected environment will be satisfactory with little or no maintenance.

However, according to Ralph Williams, the internal parts of the radio are not suitable for exhibition to a general audience. If displayed as-is, the set would generate a strong negative response from viewers who would not take the time to understand that the cause of the condition was the hostile storage environment.

Restoration, which would obliterate the effects of history and the circumstances of the time-capsule, is not the answer either. If restored, the radio would not be very different from any other surviving Model 55 now in collections or museums. The repairs would display more about today's restoration techniques than about the original radio and would defeat the purpose of the exhibit. If a display requires a working radio, such a set could be obtained from the collecting community.

The best answer is stabilization of any continuing threat, such as from sulfur and oxidation. Stabilization can be accomplished by coating the chassis and its parts with a transparent, oil-based preservative. This would arrest further damage

but not remove the marks of history or the effects of the hostile storage in the time capsule.

The Model 55, with its green lid panel trimmed in gold and its gold-plated medallion and station escutcheon, must have made a striking appearance in the homes of the times. Fortunately, the time capsule preserved the radio's original external appearance, so that it can be displayed in a protected environment in the lobby of a new third building in the Atwater Kent complex. As planned, Building No. 2 has been replaced by a large parking lot.

*Photo Credits: Jeffrey Dilks and Bill Overbeck.*

*(Dorothy Schecter, c/o A.R.C., Box 2, Carlisle, MA 01741; John Dilks, 125 Warf Rd., English Creek, Egg Harbor Twp., NJ 08234-8501; Bill Overbeck, 29 Campbell Ave., Havertown, PA 19083-2424; Ludwell Sibley, 102 McDonough Rd., Gold Hill, OR 97525-9626; Ralph Williams, 30675 Main Rd., Orient, NY 11957)*

## The Atwater Kent Model 37 "Modernistic"

COMPILED BY DOROTHY SCHECTER FROM INFORMATION PROVIDED BY RALPH WILLIAMS

The appearance of the center radio in the window display photo on our cover — a Model 37 "Modernistic" — was an event of note here at A.R.C. We don't remember hearing about this set since Ralph Williams wrote about it in the March 1981 *Old Timer's Bulletin* (OTB). Of course, Ralph owns the set and was able to supply the photos below.

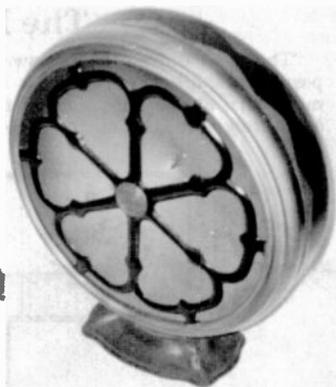
According to Ralph, this set might have been built in the now demolished Atwater Kent Building No. 2 when a part of it was first made usable. The "Modernistic" is an example of the 1920-1930 Art Deco style that combined elements of the fine arts with the decorative requirements of industry. The set was introduced in the 1927-1928 winter season at the height of the Art Deco period.

As Ralph wrote in his OTB article, the geometric style of Art Deco reflected Cubism and Espressionism, as well as the influence of ancient Egyptian and Persian art. The geometric patterns decorating the Model 37 convey the feeling of tiger stripes and animal strength, thus suggesting a radio of lively performance and power.

The set may have come unpainted from the factory, and the decoration was probably done with stencil and airbrush.

### Reference:

Williams, Ralph. "This Month's Broadcast Receiver, Clothes Don't Make the Man — Nor Decoration Hide the Radio." Breesport, N. Y.: A.W.A., *The Old Timer's Bulletin*, March 1981.



*The Atwater Kent Model 37 "Modernistic," left, and the Model E speaker, right, at Ralph William's Voice of the Twenties Museum in Orient, New York.*



# VINTAGE TELEVISION

## The Farnsworth Image Dissector

BY ALAN BETZ

In reference to our December 1998 article by Frederick Ringwald on Cliff Gardner and his association with Philo R. Farnsworth, Alan Betz sent the following, very comprehensive description of how the Farnsworth image dissector works. Alan's clarification led us to consult the excellent book "Tube: The Invention of Television" by David E. Fisher and Marshall Jon Fisher for further enlightenment. We are always grateful to those who take a subject seriously enough to prompt more research and add to the general knowledge of all our readers. (Editor)

In his article, "Cliff Gardner — Electronics Pio-

neer" in the December 1998 issue of A.R.C., Frederick W. Ringwald gives a description of the operation of the image dissector tube that needs clarification. Figure 1 shows the image dissector tube in my collection, which was made around 1948. It worked as follows:

An optical image was focussed on a photo-emissive surface located at the rear end of the cylindrical glass tube. At the front end of the tube was located a coarse wire mesh through which the image was projected. This mesh electrode was maintained at a potential of several thousand volts positive with respect to the photocathode.

The entire tube was immersed in the magnetic

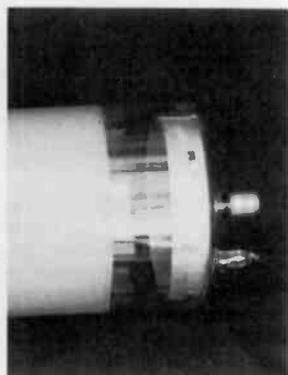
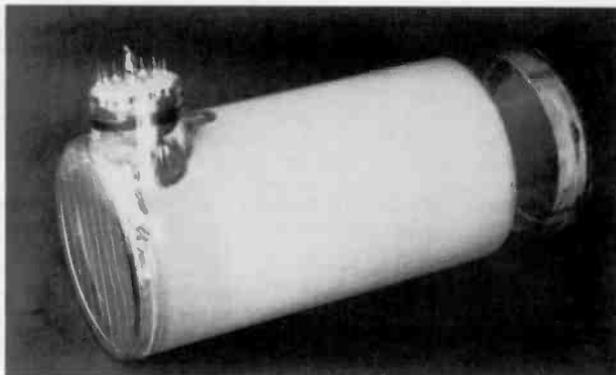
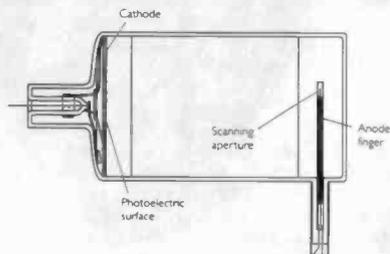


Figure 1. This image dissector tube, ca. 1948, is 300 mm (about 12") in length.

## The Farnsworth Design

"The basic concept of Farnsworth's proposal was similar to Zworykin's. These two men, born on opposite sides of the world, separately zeroed in on the same concept:



Farnsworth's camera tube, from "Tube: The Invention of Television," p. 129.

focusing an image through a lens at one end of a cylindrical, flat-ended tube onto a plate at the other end coated with a mosaic of many photoelectric cells, then scanning the electrical image formed by the cells.

"The difference in Farnsworth's design was that instead of using an electron beam to scan the image, he would use an 'anode finger': a metal cylinder the size of a pencil with a small aperture."

(From "Tube: The Invention of Television" by David E. Fisher and Marshall Jon Fisher, published by Counterpoint, P.O. Box 65793, Washington, D.C. 20035-5793. It is available from Antique Electronic Supply, P.O. Box 274, Tempe, AZ 85285-7468 and other A.R.C. booksellers. Be sure to check for ordering information.)

field produced by a solenoid coil wound around a form just outside the tube. This combination of electrostatic and magnetic fields caused the photoelectrons emitted by the photocathode to be accelerated forward and brought to a focus at a place about 10" in front of the photocathode.

It is important to realize here that the electrons are brought to a focus as an image, not as a point. Just at the place where the electronic image is brought to a focus, there is a metal tube with a small hole in it, which is brought in from the side of the tube. The portion of the electron image which is in front of the hole (about 0.005" square) goes through the hole and is collected by either a wire in the earliest versions, or an electron multiplier structure in the later versions.

Also around the outside of the tube is a deflection coil assembly. The varying magnetic fields from these coils cause the entire in-focus electron large image to be presented, point-by-point

on each scanning line, to the aperture in the collecting structure.

In this way, the image is scanned and converted to an electrical signal. Note that only the portion of the electron image going into the aperture at any given time contributes to the signal. The rest is lost. The result is very low sensitivity. There is no storage mechanism to give them much greater light sensitivity, as there was in the later iconoscope and orthicon tubes.

The image dissector tube had very limited use in studio cameras because of the immense amount of light required. It did see service, however, in telecine chain cameras, where light intensity was less of a problem.

Photo credits: Alan Betz

(Alan R. Betz, 9006 Ben Nevis Cresc., Surrey, B.C., Canada V3V 6K5)

## Those Early TV Stations

BY PHIL WHITNEY



The Home of  
TELEVISION STATION  
W9XAL

By 1929, a radio store in New Hampshire was selling television receivers which today are among the most collectible and rare antiques. These sets had rotating disks inside and a neon tube picture generator. The 1/2" "picture" was magnified by a large glass attached to the cabinet front so the viewable area appeared to be almost two inches square.

There were several stations operating in the U.S. at the time, including W2XR in New York and W9XAL in Kansas City. There were 400 TV receivers operating in Kansas City. Many more probably operated in New York and along the eastern seaboard where the telecasts could be seen just above the broadcast band between 1500 and 2000 Kc, in what was called the "police band." Krazy Kat was a popular subject in New York and was the only test pattern transmitted. The audio portion was heard near the top of the broadcast band over a separate transmitter which could have been miles from the picture transmitter. W2XR later became AM station WQXR in New York when TV was moved into VHF. In Kansas City, W9XBY became KITE.

The 45- and 60-line systems made everyone look as if he or she needed a shave, and the color of the pictures was all the same — neon red. The flying disk in the dark studio was a lethal obstacle. The "camera" was a box of photo cells. The disks in the receivers were synchronized with the speed of the studio disk. The system was simple except for the synchronized receiver disk.

The sound and pictures were received through



Figure 1. Phil Whitney beside a 1930 TV receiver on exhibit at the George Washington University Museum in Washington, D.C.

separate receivers. Since the TV transmissions could be heard as strange sounds on broadcast radios for hundreds of miles, people outside major population areas wondered what those sounds were that they were hearing among the police calls. When the new RCA system was introduced, mechanical TV became obsolete, and the old scanning disk television sets, like that in Figure 1, are now very high priced rarities.

(Philip Whitney, 214 Carters Ln., Stephens City, VA 22655)

Phil Whitney, having passed the FCC exam in 1936, has been in the broadcasting industry for 63 years. He "stood watch" on one of the early transmitters on the 52nd floor of the Power and Light Building in Kansas City. At age 84, he may now be the oldest practicing engineer in Virginia.

# MUSEUM MUSINGS

## The Birth of a Radio-Television Museum

BY KEN MELGREN AND CHARLIE RHODES

Many A.R.C. readers may be familiar with the Mid-Atlantic Antique Radio Club (MAARC). Based in the Washington, D.C., area, MAARC is one of the largest and most active clubs for lovers of antique radios, with more than 900 members. Over the years, the idea of a radio museum near the nation's Capital captured the imaginations of a number of MAARC members. As a result, in 1994, a separate organization dedicated to the preservation of radio and television history was born — the Radio History Society (RHS).

The scope of this society is somewhat broader than that of MAARC in that it links the social, on-air programming and business aspects of broadcast history with home receiving sets and technical innovation. RHS is a 501(c)(3) non-profit organization offering the advantages of IRS tax-deductible status.

### THE CHALLENGES

One of the most difficult challenges facing any new entity is convincing people to support an idea, which is intangible. *Where is this museum? What sort of radio museum are you talking about?* Once these questions were addressed, the next step was to begin a series of temporary exhibits. Among our founding members and the resources of MAARC's membership, we certainly had

enough radio items to fill a Smithsonian museum.

The most immediate problems were to find locations for public display and to decide on a theme for each exhibit. Our first exhibit was entitled "Radio Enters The Home," and the 5-month exhibit was in a vacant store located within one of our area's largest shopping malls. That put us on the map and helped to grow our membership.

### THE GEORGE WASHINGTON UNIVERSITY CONNECTION

The next year, we formed a wonderful association with George Washington University (GW) and created a 5-week exhibit entitled "The 75th Anniversary of Radio." It was located at GW's Colonnade Gallery within the university's Marvin Center, the site of many high-profile events. This exhibit was so well received that we were asked back in 1998 for another exhibit. Entitled "Washington's Broadcast Legacy," it featured a range of radio and television receivers, along with related memorabilia. It also included a wonderful display of very early experimental television equipment by Washington area inventor C. Francis Jenkins.

RHS and MAARC members were eager to offer radios and other related artifacts along with books, Rider's manuals, National Radio Institute course books, etc., to our exhibits. But, we had no



Figure 1. The vintage 1907 farmhouse in Bowie, Maryland, site of the Radio History Society's museum.

place to call home. In 1998, we formalized an arrangement with the George Washington University's library system to create a Radio History Society Library, available to university students, researchers and the general public. Our agreement with GW also calls for much of our library material to be scanned into digital format and to be made available worldwide on the Internet. We plan to begin integrating much of this material into the library this summer.

Although RHS has been promised permanent display space in a new communications center currently under construction at GW, this is a couple of years down the road, and we needed to find a location for a permanent museum. The RHS board began to scout around for both a library and museum facility.

### THE BOWIE MIRACLE

Out of the blue sky over Bowie, Maryland, which is just outside the Beltway around Washington, D.C., a miracle presented itself. Bowie, the seventh largest city in Maryland, is home to five museums. The city owned a 1907 vintage farmhouse, shown in Figure 1, with lots of space around it and plenty of free parking. Just renovated, the house is in a very pleasant residential neighborhood and convenient to amenities, such as small restaurants.

But most important of all is the fact that this charming 100-year-old farmhouse has been placed on the Register of Historic Sites. It can't be torn down for mall development. Furthermore, it was built just about the time that Lee de Forest invented the Audion tube, the foundation of all electronics. One can imagine that the family that built the farmhouse and occupied it for decades must have welcomed the start of radio broadcasting from Washington as the end of their isolation.

Although it appeared to be a long shot, RHS board member Charlie Rhodes approached the city manager, who was intrigued by the idea of a radio-television museum. A contingent from RHS, including Ed Walker, Brian Belanger and Ken Mellgren, made a formal presentation, along with show-and-tell items. To our astonishment the entire city council spoke out in favor of the idea. The mayor directed the city manager to work up a proposed lease agreement. A couple of months later, a multiyear agreement was signed by both parties.

### THE RADIO-TELEVISION MUSEUM

As mentioned, this is no ordinary building. It boasts completely new wiring, fire and security alarms, new heat and air-conditioning, and wheelchair access to the main floor. There is ample lighted parking. Ultimately RHS will also take possession of a large garage structure on the property that is ideal for storage, radio repair and restoration activities and construction of exhibits.

The museum consists of six rooms, three on each of two floors, plus a basement where donated items and a collection of literature dealing with radio repair and restoration may be stored. There are two covered porches for social activities in summer. Can't you just see an ice cream social on the porch, listening to music from a 50-year or older radio?

The main museum will be organized chronologically. A few pieces from the World War I era are reminders that wireless was all dots-'n-dashes which saved lives at sea. Then, voice and music were able to modulate the carrier wave, and Sarnoff's dream of a radio music box in every American home began to materialize. From loose couplers (1916) to crystal sets, 1-, 2-, and 3-tube regenerative receivers, carbon mikes and horn speakers covering the 1920-1927 era of battery radios — all will be on display.

Then, plug-in radios made batteries obsolete overnight in the urban areas. But, farm radios using batteries came along to serve the huge rural population where electricity wasn't available. The heavy and ponderous AC sets gave way to AC/DC midgets under the economic realities of the Great Depression. That describes our second room, as planned. In the third, we will see those wonderful cathedrals of the early 1930s and the later tombstones, along with those glorious all-wave console radios.

As the museum name indicates, television will be represented as well. The earliest post-World War II televisions are ready for display, and we anticipate having examples of the earliest color TV sets. We also expect one of the HDTV receivers to be on display, working, receiving all five Washington D.C. digital TV signals. What a contrast between the first small screen TV and the 65" digital screen! Radio amateurs will be pleased to see various National, Hallicrafters, Hammarlund, and RCA shortwave receivers on display.

### THE OPENING

Planning is currently underway for a June 12 public opening. During the following weekend, MAARC will host its RadioActivity in nearby Calverton, Md. A chartered bus will be brought into service to provide tours of the new Radio-Television Museum, operated by the Radio History Society.

Volunteers will staff the museum every weekend. For further information, including directions to the museum and our operating hours, you may visit the Radio History Society's web site: [www.radiohistory.org](http://www.radiohistory.org). You can also phone (301) 390-1020 for an update on hours of operation or to request information, such as a map. Or, you may contact Ken Mellgren at (301) 929-1062.

The Radio History Society would welcome your interest in becoming a member in support of the museum. We would also welcome donations to help defray operating costs, and we remind you that such donations are a tax-deductible charitable contribution. We are also interested in borrowing radio artifacts for display in our museum. We are fully insured in case of loss.

We hope to see you soon at our new museum.

*The Mid-Atlantic Antique Radio Club (MAARC) publishes "Radio Age" monthly and holds monthly meetings. Dues are \$20. For more information: Barry Zimmerman, 5825 Woodwinds Cir., Frederick, MD 21703-7579.*

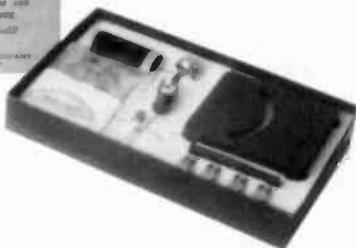
*(Ken Mellgren, 13 Bitterroot Ct., Rockville, MD 20853; Charlie Rhodes, 101005 Howell Dr., Upper Marlboro, MD 20774)*



# PHOTO REVIEW



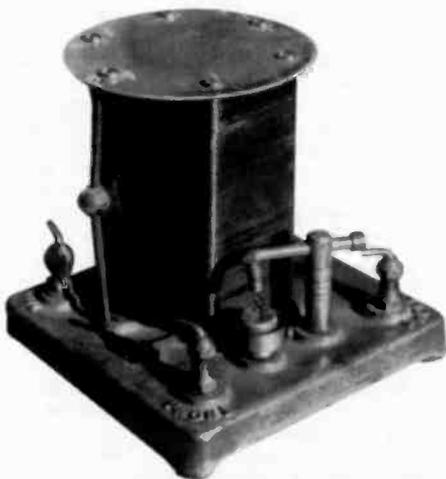
This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection.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



**KITCRAFT RADIO** – The print on the carton says, "A Complete Radio Crystal Set With Building And Operating Instructions. Learn While You Build." The kit is complete and original, but was never built. (*Erwin Macho – Vienna, Austria*)

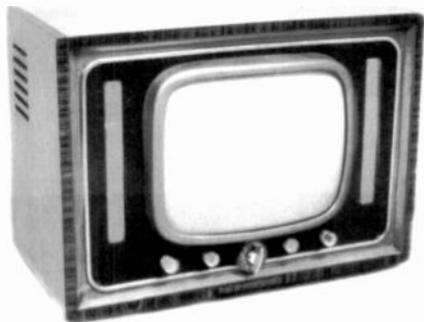


**KENNEDY MODEL 10** – This AC console is not listed in the Bunis price guide books, although it bears a strong resemblance to the 1932 Kennedy Model 2, pictured on page 121 of Bunis' Third Edition. In comparison, this console has a simpler cabinet design than that of the Model 2, as well as 8 tubes instead of 10, only 2 knobs and a toggle switch instead of 4 knobs, and 1 dynamic speaker instead of 2. Was this a less expensive version of the Model 2 offered in 1932 to attract the lower budget customers? (*Theodore Garrison – Macomb, IL*)

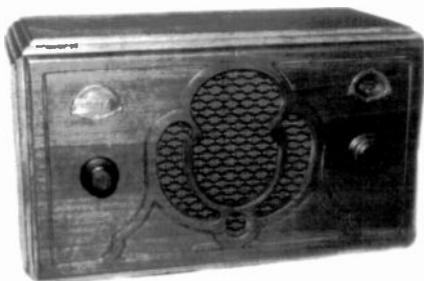


**MARTIAN SPECIAL** – This crystal set is the "little brother" to the Martian Big 4 tripod crystal receiver. It is also related to the unique 1-tube Martian Beauty, all produced by the Martian Radio Company of New Jersey. This "Special" has a cast metal base and the distinctive Martian L-shaped binding post caps. It has a single sliding ball tuner at one side of the coil. (*Dave Crocker – Mashpee MA*)

## PHOTO REVIEW

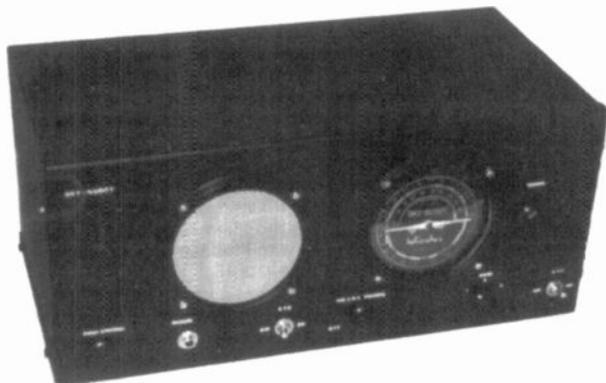
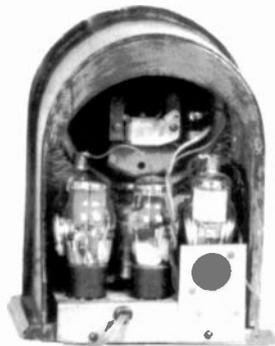


**INVICTUS MODEL M11** - Invictus, the first national television manufacturer in Brazil, began production in 1952. This 11-inch model dates from the early 1960s (*Alceu Massini - Sao Paulo, Brazil*)



**ERLA MODEL 510** - This circa 1937 AC set was given to me by a friend who found it in the basement of an old house he had bought. I did the major cosmetic work needed. The electronics were in surprisingly good condition. It is a 5-tube superhet using tube types 47, 55, 57, 58 and 80. (*Steven Zollo - West Islip, NY*)

**MARQUETTE MIDGET CATHEDRAL** - This 5-tube cathedral uses the following tube complement: one Type 57, 58, 27, 47 and 80 rectifier. It is only 13½" tall and 9½" wide. (*Jim Wilson - Virginia Beach, VA*)



**HALLCRAFTERS MODEL 5T** - This is the original Sky Buddy of Sept. 1936, and predecessor to the S19, S19R and S119 series. This set has a transformer power supply, 5 tubes and a frequency coverage of 545 kHz to 16.0 MHz in 3 bands. The original price was \$29.95. This was my first commercial receiver as a young teenager. (*Ralph Michelson - Brighton, MI*)



# RESTORATION TOPICS

## Repairing an RCA 94X2 with an Oversized Chassis

BY FRED GEER

*This is the first radio we've heard about that had to have the cabinet unglued to extricate the chassis! There must be a way! Can someone out there unlock the puzzle for Fred Geer and the rest of us? (Editor)*

My friend Ed invited me to see the stack of radios he had found in an old appliance store. They had been there 48 years. All were slated for destruction by the urban renewal bulldozer. Back then, it was popular to have radio trade-ins on new television sets. Peeking out from under a pile of farm radios was one that looked like a master intercom station.

Sweeping off the dirt revealed it to be a radio I had admired in the pages of RCA's 1938 *Red Book*. It represented what the 1930s had been all about. In that dream world, machines silently did man's bidding at the push of a button. RCA's 94X2, as shown in Figure 1, eliminated tedious tuning. Six push buttons automatically tuned in a favorite station.

No ugly dial or any other corrupting influence here — form follows function and reaches streamline perfection. Many confuse this look with Art Deco. Industrial designers exerted a great influence on every object offered for sale in 1938 with a new look called "Art Moderne." This look featured stark naked designs executed in blond and light colors. Gone were the dark colors used in the '20s and early '30s.

### CHASSIS REMOVAL

Once home with the prized radio, I began to find out why I had never seen an RCA 94X2 before. The chassis was too big for the cabinet and impossible to remove without destroying the cabinet.

The push-button shafts in the out position, as shown in the rear view in Figure 2, locked the chassis in the cabinet. Pushing the buttons down caused them to pass through the bottom of the cabinet, again locking in the chassis. By breaking the glue along the radio's top, I freed the chassis. I hated to do it. Displacing all that original glue makes a purist cringe.

### ELIMINATING THE LINE CORD

Doing away with the 190-ohm line-cord resistor became a complex learning experience. I could have replaced it with a resistor, but resistors get hot and take up space. RCA's 94X2 had neither



Figure 1. The 6-push-button RCA 94X2. Two of the push buttons are blocked from view by the on/off volume control knob.

the additional room for heat dissipation nor the physical space for a resistor.

The radio's 4-tube filament string, consisting of a 6K7, a 6J7, a 25L6G, and a 25Z6G, added up to 62.6 volts. I needed to reduce the line voltage by about 58 volts.

A tube manual showed that a Type 25L6 tube has a 25-volt heater drawing 0.3 amps. A Type 50L6 uses the same basing; however, it needs 50 volts for its heater but draws only 0.15 amps. Plugging in the 50L6 proved to be nonproductive. It lit up, but the other tubes took forever to warm up to a very dim glow.

I had forgotten my Ohm's law dealing with series circuits. [See box for additional information on selecting replacement tubes, shunt resistors, and series voltage-dropping resistors.] A shunt resistor in parallel with the filaments could have solved the problem.

Being an artist and not a very good mathematician, I gave up on the formula to determine shunt resistors. If I substituted a 50L6 and a shunt resistor, I would still need a series resistor to drop the line voltage. It would be easier to find tube substitutions for the other three tubes that matched the 0.15 ampere current requirement of the 50L6.



Figure 2. Rear chassis view of the RCA 94X2, showing the push buttons projecting through the top of the cabinet.

### TUBE SUBSTITUTIONS

In a tube substitution guide, I found that, besides the 50L6, two other tubes had direct replacements with 0.15 ampere heater ratings. The 6K7 and 6J7 could be replaced by their 12-volt counterparts — 12K7 and 12J7 tubes.

There was no direct replacement for the 25Z6 used as a half-wave rectifier in the 94X2. Back to the tube manual. I found that an uncommon 35Z4 would work with no modification. I chose the more common 35Z5 rectifier and made one circuit modification by disconnecting a wire on pin #3.

Several examples in Sam's *Photofacts* show that 4-tube sets with the new tube lineup use a 1-watt, 47-50-ohm surge or limiting resistor in

### Series Circuits and Shunt Resistors

Tubes hooked in series must have the same current rating. A 1940 RCA tube manual has this to say about series circuits and shunt resistors:

"If it is desired to connect in series tubes having different heater or filament-current ratings, each tube of the lower rating should have a shunt resistor placed across its heater or filament terminals to pass the excess current. The value of this shunt resistor can be calculated from the following formula, where tube "A" is the tube in the series connection having the highest heater current rating and tube "B" is any tube having a heater current rating lower than tube "A."

$$\text{Shunt Resistance} = \frac{\text{Heater Volts B}}{\text{Heater Amps A} - \text{Heater Amps B}}$$

The value of a series voltage dropping resistor for a sequence of tubes having one or more shunt resistors should be calculated on the basis of the tube having the highest heater current rating."

series with the heater circuit. I put one in the circuit. It ran very cool and took the bright edge off the tubes' heaters.

### CLEANING AND TUNING UP

Old push-button mechanicals are not very dependable because of oxidation on the contact points. I removed the entire push-button assembly and washed it in lighter fluid with a Bob Ross #6 hog's hair paintbrush. This scoured all the black dirt and oxidation away. [Contact or tuner cleaner is recommended for cleaning because of the fire hazard associated with lighter fluid.]

Reassembled, the 94X2 was fired up and the push buttons set using the trimmers, shown in Figure 3. Four-tube TRF sets are known for their poor tuning characteristics when a variable condenser is used because of the condenser's tracking error. RCA's 94X2 was different in that the tuned circuits associated with each push button could be peaked for each frequency.

### A CABINET FIX

Cabinet alterations had to be made so that the oversized chassis would be easy to service in the future. After all cabinet repairs were made, I used

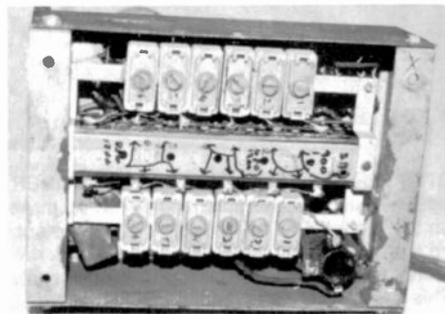


Figure 3. Bottom view showing the bank of push button trimmers.

a saber saw to cut a section from the cabinet bottom giving ample room for the chassis installation.

Although it may not be the purest set with all the alterations, consider this: it is the perfect example of where push buttons saved labor. After all, that was the promise of the future come true.

### Reference:

RCA Tube Manual, 1940, 35-36.

(Fred Geer, 6042 Brookridge Rd., Jacksonville, FL 32210)

Fred Geer is an artist and a retired science and art teacher. His radio collecting began in 1953 with a Shure microphone and an RCA R-32. In addition to his 300-plus collection, begun in 1953, he owns around 2,000 old-time radio shows. Through his articles, he enjoys sharing various aspects of radio collecting and history.

OCTOBER 1985

# A BREADBOARD REVIEW

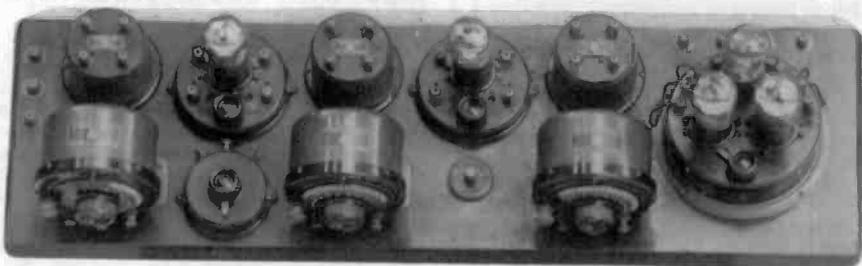
CONTRIBUTED BY: RALPH WILLIAMS, RD 1 - BOX 44, ORIENT, NY 11957

Ralph's address in 1999 is: 30675 Main Rd., Orient, NY 11957.

Atwater Kent produced eleven different "Open Set" models (breadboards) from the beginning in 1922 until the box sets replaced them in 1925. Many collectors are familiar with most of the Open Sets but it seems that when details get discussed, a pictorial catalog of the sets and their main variations would be useful. It is in this respect that this column is being published - a detailed listing of each breadboard manufactured by Atwater Kent. Along with the photo of each model will be a brief description of that model. The photos will all be to the same scale so that the sets can be compared for size and configuration. Since the later breadboards appear more often for sale and collecting, this month's photos are of a typical model Ten and Twelve - Ralph Williams.



**ATWATER KENT MODEL 12 - PART NUMBER 4910:** Three variations of this model were produced. They were all characterized by having three audio amplifiers instead of the two that were used on the Model 10. The last amplifier on the set pictured could be turned off using the large knob on the last two-tube amplifier unit. This is the primary distinguishing feature of this variation of Model 12. The other special feature is the socket for the second radio amplifier. It has no rheostat. This set is sometimes called the Model 12C. The size of the base board is 34 x 10 inches.



**ATWATER KENT MODEL 10 - PART NUMBER 4340:** Model 10 was the most common of the breadboards. Number 4340 was the first of four major variations of Model 10. The set had three radio frequency resonators. The coils were parallel with their axes vertical. The tuning condensers were green in color as was the three-tube unit. Nameplates and binding post were used to connect the coils and the condensers in the first sets produced. The size of the base board is 31½ x 10 inches.

The next installment of this series will include another Model 10 and a Model 9. Antique Radio Classified would like to hear how you feel this column is of use to you, along with any comments or suggestions for future installments of this series.

# MEET REPORT

## Radio XXX

Westford, Massachusetts — February 21, 1999

REPORTED BY DAVE CROCKER

Another year, another fantastic show for the Greater Boston Antique Radio Collectors (GBARC). If you weren't there, you missed a Class A event. Every dealer I talked with did well, and they were all smiles — as were all the attendees.

Radio XXX was held at the Westford Regency Hotel in the 6,500-foot Regency Room, on Sunday, February 21, 1999. Even when the doors opened at 8:00 A.M., it looked as if the show would break all records. And it did. The count was 866 attendees, including exhibitors. Seventy-two exhibitors reserved 92 tables, making this a sell-out event. Radio enthusiasts came from all six New England states, plus New York, New Jersey, Pennsylvania, Maryland, and even California and Canada!

Unlike many shows where activity dwindles after a few hours, activities continued even beyond the official closing time of 1:00 P.M. And people continued to arrive throughout the entire time. There seemed to be a festive air about the whole event — maybe the tone was set by A.R.C. staff members who wore vintage hats.

For those arriving the night before or living



Figure 1. The doors open at Radio XXX and the eager collectors enter the exhibit room.



Figure 2. On exhibit were such items as a green Atwater Kent Model 10, an Atwater Kent crystal set, and the Clapp-Eastham HR and Hz radios.



Figure 3. John and Judy DeLoria exhibit their 1930s AC sets.

close by, there was a Dutch-treat buffet at a nearby Chinese restaurant. Approximately 16 collectors and friends attended this informal get-together for good food, good radio talk, and maybe a good deal or two.

Figures 1, 2, and 3 confirm the opinions of exhibitors and collectors who now say that this meet is the biggest and best radio show on the entire Eastern seaboard. In fact, it's hard to believe just how big this event has grown over the years. It is a far cry from its humble beginnings in June of 1977 when "Radio East" took place at the local airport in Plymouth, Mass., as shown in Figure 4. The dozen avid radio collectors who had gathered there agreed to meet again. Twenty-two years and 29 shows later, the result was evident at Radio XXX — a truly successful antique radio show story.

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



Figure 4. June 26, 1977 — the meeting of Radio I ("Radio East") at the airport in Plymouth, Mass. The photo shows three of the six vehicles that attended.



# AUCTION REPORT

## Arner Auction

### Mahoning Valley, Pennsylvania — January 9, 1999

REPORTED BY RAY CHASE

On Saturday, January 9, 1999, Robert Arner held a general auction at Mahoning Valley Fire Co. Hall, Mahoning Valley, Pennsylvania, at which a quantity of radios were sold. On the day and night before, the weather was quite bad with lots of ice and slush in store for those who ventured out. Nevertheless, a hardy crew of radio collectors turned up for the sale at 9:00 in the morning. The radios were mixed in with other merchandise, but all were dealt with by noon. Condition and vintage varied widely. Auctioneers were Robert A. Arner and Dean R. Arner.

Prices have been rounded down to the dollar.

vg=very good, g=good, f=fair, p=poor, PB=push button, WT=with tubes, NT=no tubes

- Atwater Kent horn speaker, very rusty, driver w/pot metal problems ..... \$12
- Crosley 56T6 "All American 5," wood, g ..... 60
- Crosley Showbox, metal, probably pot metal problems, f ..... 9
- Emerson 559A small red portable, 1948, g .... 35
- Emerson white plastic, 1950s, (1) knob missing . 17
- Freshman 3-dialer, metal panel, (1) dial missing, f-p ..... 11
- GE F-63 table, Deco, wood, (4) knobs, g .... 140
- Philco 46-1209 console, w/swing-out record changer, some refinish needed on top, g ... 10
- Philco 53-563 Transitone, red, modern style, g ... 32
- Philco 96 large console, g ..... 75
- Philco large console, 10-tube, (4) knobs, (1) missing, delaminated on top, f ..... 11
- RCA Radiola 18, no hood, cabinet back missing, some rust, WT, f ..... 42

- RCA Radiola 33, trim good, globe tubes, g .... 45
- RCA Victor 16X3 table, wood, w/3 knobs, g .... 18
- RCA Victor 811K "Magic Brain" large console, 10-tube, dial glass cracked, plastic dial trim unusually good, vg ..... 27
- Sentinel brown plastic, w/3 knobs, vg ..... 40
- Silvertone 1954X tombstone, (4) knobs, f-p ... 62
- Silvertone 4748 small farm console, 8-tube, (1) knob missing, p ..... 14
- Wards Airline WG-24 series 7D console, nice style, extra hole in front, f ..... 25
- Zenith small chairside w/magazine rack, (1) PB missing, grille cloth p, g ..... 180

(Robert A. Arner, Auctioneer, Pine Hill Rd., Route 2, Box 216, New Ringgold, PA. (570) 386-4586; Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060.

**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.



At left, the RCA Radiola 18 without its hood sold for \$42, while the Freshman Masterpiece battery set without tubes at right brought only \$11.

# Harris Vintage Radio Auction

## Marshalltown, Iowa — September 12, 1998

REPORTED BY JIM BOELLSTORFF

A vintage radio sale was held at the Gene Harris Antique Auction Center in Marshalltown, Iowa, on September 12, 1998. Three estates, along with some consignments, totalled 367 lots, called by auctioneers Gene Harris and Julie Harris Stern. Attendance was good with 80 bidders from 11 states registered.

Among the auction highlights were the following: a rare and unusual DeForest W-5-F selling at \$1,050; a very nice Atwater Kent 10 breadboard at \$900; a Philco 70 grandfather clock/radio at \$350; and a Kennedy VI at \$325.

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

Airline "Enchanter," w/crate, vg .....	\$160
Argodyne crystal set, f .....	60
Atwater Kent 10 breadboard, vg .....	900
Atwater Kent 20, vg .....	55
Atwater Kent 35 in Red Lion desk, vg .....	175
Atwater Kent 60 console, g .....	60
Atwater Kent 60 in Kiel table, vg .....	175
Atwater Kent non-factory breadboard, vg .....	525
Coronado 43-6730 end table, g .....	50
Crosley 52, g .....	70
Crosley 601, N.I.B., e .....	165
Crosley R-50, g .....	160
DeForest W-5-F, 1925, g .....	1,050
Delco 3205, g .....	65
Fada R-80, vg .....	120
Federal D Orthosonic, g .....	50
Federal E-10 Orthosonic, g .....	80
Freshman 55F, g .....	50
Home-brew crystal set, g .....	70
Kennedy VI, g .....	325
Philco 20, g .....	110
Philco 37-61, g .....	65



A highlight of the auction was this 1925 DeForest W-5-F selling at \$1,050.

Philco 70 grandfather clock, vg .....	350
Philco 118, vg .....	175
Philco 650 chairside, g .....	90
RCA 6-T, g .....	60
RCA 29K, g .....	80
RCA C132 console, g .....	170
RCA Radiola 20 console, vg .....	70
RCA Radiola III, (2), g .....	45, 60
RCA Radiola IIIA, g .....	45
RCA Radiola UZ-1325 hom, (2), f .....	25, 35
Riders Vol. 1, p .....	40
Riders Vols. 1-20, vg .....	275
Telegraph relay, g .....	35
Tom Thumb ATTP, vg .....	70
Victoreen superhet, f .....	35
Westinghouse RF, g .....	70
Zenith 4V31, vg .....	120
Zenith 5F233, g .....	65
Zenith 5G401, f .....	20
Zenith 5S29, g .....	90
Zenith 6J322, g .....	90
Zenith 6V62, (2), g .....	65, 85
Zenith 7D127, g .....	180
Zenith 8A02, g .....	95
Zenith 8G005, g .....	35
Zenith 10S464, f .....	70
Zenith H500, g .....	35
Zenith Super VIII, f .....	40



This Argodyne crystal set brought a bid of \$60.

(Jim Boellstorff, 608 Newcastle Rd., Marshalltown, IA 50158. Gene Harris Auctions, 203 South 18th Ave., Marshalltown, IA 50158. 1-800-862-6674.)



# INTERNET

## Your Link to the Radio/Web World

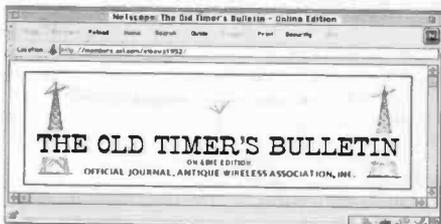
BY LAURA KATZ

Last month's Internet article explained how to use the links page on A.R.C.'s Web site. To refresh your memory, type in the URL [www.antiqueradio.com](http://www.antiqueradio.com), press enter, and then click on "Links" in A.R.C.'s horizontal menu to view A.R.C.'s "Radio on the Web" page. This page is a long list of links to other Web sites, organized by category. For the most part, the category titles are self-explanatory, but this guide to some selected examples will familiarize you with each category. The sample web site images used here are just a taste of what you will see on your screen.

### CLUBS AND MUSEUMS

The first section of A.R.C.'s "Radio on the Web" page is "Clubs/Museums" which provides links to club and museum Web sites. Included is a link to the "Antique Wireless Association (AWA)" Web site. If you click on the link to AWA's site, you will see a picture of the AWA museum, details about the annual AWA conference in Rochester, N. Y., AWA history, info on some museum exhibits, a map to the museum, AWA contact info, and more.

The link to AWA's publication *The Old Timer's Bulletin* (OTB) "Online Edition" is found in the "Publications" section of the A.R.C. "Radio on the Web" page. The "Online Edition" offers a sample from the current OTB, an archive of OTB articles and classified ads, as well as info on AWA.



If you're looking for a club in the New Jersey area, click on the "NJ Antique Radio Club Home-Page" link to find info about NJARC's upcoming meetings, announcements, pictures from past meets, some interesting articles, and club contact info. If you're not near New Jersey, look for a club in your area. We have links to clubs in Alabama, Washington, Pennsylvania, Texas, and New Mexico, to name just a few.

### COLLECTIONS AND INDIVIDUALS

The second category on A.R.C.'s link page is "Collections and Individuals." As the name suggests, these are links to sites displaying personal collections. For example, click on the link to "Allen

Cutts' Antique Radios." Allen, who has been collecting antique radios for only a couple of years, displays some of his favorite radios, including cathedrals, consoles, ham, and others from his collection. He even includes a tour of his garage radio repair shop. He includes the latest news and events on radio collecting in a section of his site he calls the "Coffee Shop."



### RESOURCES AND PUBLICATIONS

The next category on A.R.C.'s link page is "Resources," comprised of sites about historical radio figures such as Marconi and de Forest, sites dedicated to specific radios such as Grebe or Heathkit, and other specialized sites. There are also frequently asked questions (FAQs) about antique radios and phonographs. The "Telegraph Office" is another interesting resource site.



After "Resources" appears the "Publications" section with links to various radio-related publications; for example, the Xtal Set Society's Web site and "Vintage News," Enrico Tedeschi's Web newsletter from England. And, of course, we have a link back to A.R.C.'s home page where you can view selected articles, book reviews, letters and club events, as well as purchase books and update subscriptions.

## FOR SALE, SERVICES, ETC.

The fifth category, "For Sale, Services, Etc.," contains sites with items for sale or services available. For instance, the "Radio Relics" site offers repair and restoration services, vacuum tubes, service data and more for sale. And don't miss "Antique Electronic Supply Online!"

Also under "For Sale, Services, Etc." is a link to Marty Bunis' home page listed as "Marty's Home Page (Bunis)." Five pages of transistors for sale, books written by Marty and Sue Bunis for sale, and a current list of Marty's "wants" make up this interesting, user-friendly site.

## MULTI-CATEGORY & OTHER RELATED SITES

Under the heading "Multi-category & Other Related Sites" you'll find sites that fit into more than one of our categories, or other radio-related sites. Several of these sites have personal collections, items for sale, reference material and a variety of related information.

The "Non-US Site" division is somewhat self-

explanatory, but don't be fooled, many have English text available. One interesting site is "Russian Old Radios" which is the first virtual antique radio museum in Russia. You can view eight rooms full of Russian radios without leaving your home. We also have links to Hungarian, French, Spanish, Japanese, Brazilian and Swiss sites, to name a few.

The "Phonograph Sites" section currently holds three links to sites dealing with phonographs, while the "Semi-related Sites" section contains links to everything from "The American Fan Collectors Association" to "Gamerroom Antiques." There is even a link to the town of Carlisle's home page, which is where all the magic of A.R.C. takes place (our office is in Carlisle, Mass.).

This overview of A.R.C.'s "Radio on the Web" page should help you to utilize our site and all the resources available online. Don't forget that soon A.R.C. classifieds will be among those online resources available to all subscribers.

(Laura Katz, c/o A.R.C., P.O. Box 2, Carlisle, MA 01741)

# To WebTV or Not to WebTV — Part 1 (If I can do it, you can do it)

BY DICK DESJARLAIS

In her February A.R.C. article, "Internet Ease," Laura Katz suggests, "If you don't have a PC or Mac and don't want to buy either, you can use WebTV." Well, I don't have a PC or a Mac, and I don't know the difference between a webbed TV and an unwebbed TV. In fact, a true confession — not only have I eschewed the computer revolution; but, for years, I even shunned the ownership of "essential" household items like the answering machine, portable phone, microwave oven, cable TV and VCR. (Can't live without them, now!)

I must admit that more recently I have felt that the information age was passing me by, but still, I wasn't prepared to climb aboard the Internet via a computer. Witness the fact that this article was "writ by hand" with a ball-point pen — that trusty but obsolete instrument of antiquity. The pen is all I've needed to communicate, that is, until John Terrey entered the picture.

During an informal dinner gathering of antique radio buffs the evening before the Greater Boston Radio XXX meet in February, John mentioned, all too casually I thought, that he needed someone totally inexperienced in computers to write a series of short articles about WebTV. The articles would be a chronicle of the uninitiated writer's experiences in exploring the relatively new world of WebTV. The novice would start at point zero (What is WebTV?), go on to finding what is available on the WebTV market, and then to purchasing, setting up, and getting acquainted with the equipment. Finally, he would be able to use WebTV comfortably to gain access to the Internet.

Then, showing his hand, John looked me straight in the eye and said, "You know, Dick, you would be the perfect candidate to do this series.

You are inexperienced in computers (his euphemism for computer illiterate), and you write well (flattery works every time). John has a convincing way, and, after some thought, I decided to accept his challenge. After all, how could I resist an offer where A.R.C. would pick up the expenses for the project. And there was no question that chronicling my WebTV initiation was something I would enjoy doing. So, I decided to go for it!

I began by approaching the manager of the small local computer store, figuring I'd get all of the information I needed. Wrong! To my surprise he knew little about WebTV and obviously did not stock it. Next, at someone's suggestion, I tried Ames, a large department store. Sure enough, Ames carried Philips WebTV — the salesman called it a "connector box." "And oh, by the way, you might want to buy the keyboard too," he added. That was the limit of his WebTV expertise.

Not to be dissuaded, I went to a TV store, where the owner is a fellow radio collector. He explained that he doesn't carry WebTV because, "It is so inexpensive that there is not enough of a profit margin."

Luckily, I reread Laura Katz's article and noted her advice, which I should have heeded in the first place: "Go to your local electronics store and see a WebTV demo for yourself" I'm going to take Laura's advice.

In the next installment of "To WebTV or Not to WebTV," I will share my adventures in checking out real honest-to-goodness electronics stores, like CompUSA and Circuit City. Who knows, gulp! I might even end up owning and operating a WebTV, whatever that is!

(Dick Desjarlais, Box 629, Littleton, MA 01460)



# 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.

## On the Remler Infra-Dyne Amplifier

Dear Editor:

Regarding the Remler Infra-Dyne amplifier (A.R.C. March 1999, p. 11), this is an avant-garde IF amplifier, ca. 1926, using three Type UX199 tubes with a frequency of 3.5 MHz. This IF amplifier is used in the Sargent-Rayment Infradyne, etc. (See *Radio*, August 1926 and January 1927). Also, see my article describing the Infradyne superhet that I built (AWA OTB, March 1981).

This radio was outstanding in its performance. A collector bought it, added tubes, batteries, speaker, antenna, and ground, and reported receiving West Coast and other DX.

Anyone who builds an Infradyne "by the book" will be well rewarded.

Rodney Schrock, Somerset, PA

*I wondered if the spelling was Infra-Dyne or Infradyne, so I looked up "Radio" for August 1926. The article by E.M. Sargent on how to build the radio used only "Infradyne." The ad for Remler (manufacturer of the amplifier) used both "Infradyne" and a new-to-me spelling "Infra+Dyne." The ad for L.C. Rayment (seller of construction blueprints for the complete radio) also used both. I then counted four additional ads for firms selling parts for the radio; they all used both spellings. My conclusion: "Infra+Dyne" or "Infradyne," yes; "Infra-Dyne," no. (Editor)*

## Auction on A.R.C. Web Site?

Dear Editor:

Just a quick note to see if a date has been set for direct bidding on the Internet. I was curious to know if A.R.C. subscribers will choose a code name or if it will be issued by your department. Will all A.R.C. members have the same identical starting point when the bidding process starts? Thanks.

Michael Harrington, Little Rock, AR

*Sorry if there is any confusion, but there are no current plans for an auction on A.R.C.'s web site. However, A.R.C.'s classified ads will go online in a few months. The ads will be available to subscribers only, just like the magazine. (Editor)*

## More on Pot Lubrication

Dear Editor:

In response to C.J. Poulos' inquiry in the March 1999 issue, I want to suggest the following: WD-40 worked for an electronic engineer who recommended it to me. Subsequently, a friend, who is a radio collector and an aviation mechanic, brought me a can of LPS greaseless lubricant, manufactured by LPS Labs, Tucker, GA 30085-5052. I tried it with excellent results. I still use both because the LPS is very expensive here. I'm not necessarily recommending the product, but readers should try it and decide for themselves.

Carlos Martinez, Cayey, PR

## On Meet Procedures and Attitudes

Dear Editor:

Thank you for addressing radio swap meets several issues back (October 1998). Some organizers forget the importance of general public attendance and the timing of events so that the major event day of the meet actually falls on a weekend when most people could attend.

After many years of radio collecting, I was finally able to arrange my schedule to attend a major meet last summer. What a disappointment! Costs were far from reasonable, and having to be there by at least Wednesday, I witnessed a sad event. Almost everyone commented, "It's not like it used to be."

Forcing people to register and to wear a name tag or get kicked off the field was the worst example I have ever seen of discouraging public participation. While great for the chapter treasury, it certainly drove away the general public. Gone was the chance for the public to bring in a radio for appraisal. Gone was the opportunity for the general public to walk through the meet and buy a radio — there were plenty for sale.

After repeated attempts to talk to someone at the registration desk and express my opinions, I quickly got the meet's attitude: Who cares about you — this is the greatest and only radio swap meet on earth! As a result, I will never attend this meet again. It was not worth the time, effort, and expense, and I will simply use the same funds to buy local radios for my collection.

This event certainly put a bad taste in my mouth about the hobby and some of its major players. Maybe someday they will finally realize that many of us collectors aren't retired, have things other than radios in our lives, devote our vacations to places other than a big meet, and don't have unlimited budgets for radios.

Again thanks for your article. Let's hope that our comments will finally hit home to meet organizers.

Harvey Leners, Omaha, NE

*Note that we edited out the specific meet which was the subject of this letter. However, it is unfortunate when attendees have an unpleasant experience at any meet, particularly if organizers are not understanding or courteous. But, we must also remember that meet organizers have to be concerned about security, liability, tax status, paying for the meet, etc. Still, attention should be paid to the issues raised, particularly the lack of weekend activity at meets starting midweek, as well as how to make the general public feel welcome. (Editor)*

## On A.R.C. Ads and Articles

Dear Editor:

Thanks! Response to A.R.C. ads is the very best I get!!  
Glenn Hendrix, Ardmore, OK

Dear Editor:

Hello. I want to thank you. You have a great magazine — it's a model for all others!

Gordon Wilson, Edmonton, Alberta, Canada



**WANTED:** Karvus Harmonik, interstage audio transformer. Open OK but nice outer condition required. Russell Barker, 28 Franklin St., Holliston, MA 01746. (508) 429-5499

**WANTED:** Supreme Models 666 and 570 manuals (copies OK) and output leads or plugs. John Cushing, 3605 Overhulse Rd. NW, Olympia, WA 98502. (360) 866-4905

**WANTED:** Tiny tube coat pocket size portables. Paying \$200 and more for two-tone plastic models by Zephyr, Global, Starlite, Parrot and others. Also buying damaged beauties. Frequency dial needed for Wales B46. Mike Brooks, 7335 Skyline, Oakland, CA 94611. (510) 339-1751

**WANTED:** Zenith wooden table Model 7S529. Must be in excellent condition. Larry M. Boshier, PO Box 193, Palo Pinto, TX 76484-0193. (940) 325-5333

**WANTED:** Original or repro lamp hood Radiola 17. Lee Baumlín, 129 Azalea Dr., Harwich, MA 02645. (508) 430-0197

**WANTED:** Western Electric amps, horn, spkr, x-fmr, wire, socket, caps and data-sheet etc. 101, 102, 104, 205, 211, 212, 216, 217, 242, 252, 253, 262, 271, 274, 275, 276, 284, 300, 310, 339, 347, 348, 349, 350, VT2, VT25A, VT52. Others: KT66, 77, 88, RCA50/250/350, 845, Telefunken ECC81, 82, 83, Jun Mizuno, 933 Portwood Cir., San Jose CA 95120. Ph/Fax: (408) 268-4016. E-Mail: jmizuno@usa.net

**WANTED:** Need cover plate for buttons on tone side (left side) Crosley 106 CP radio. Or will buy whole face plate. Thanks. Joe De Bari, 194 Ramah Church Rd., Barnesville, GA 30204. (770) 358-0798

**WANTED:** Any Crosley battery sets. Martin Lamonde, 394 St. Germain, Apt. 3, Quebec, Canada G1K 4N1. E-mail: mlamonde@exfo.com

**WANTED:** PA amp using (4) 6L6 tubes. Also reverb and echo devices, clippers, limiters. 6ER5 tubes. Tom Miller, PO Box 20138, London Terrace Station, New York, NY 10011. (212) 675-7704, evs.

**WANTED:** Power supply info for National AGS. Vibroplex Zephyr. Johnson KW matchbox. Brian Roberts, K9VKY, 130 Tara Dr., Fombell, PA 16123. (724) 758-2688

**WANTED:** Working Radiola III, IIIA, balanced amplifier, complete chassis for Bosch 48A. Upper door for Zenith Trans-O 3000-1. I will pay your quote. **FOR SALE:** Old European triodes as Re604, AD1, DW302, Re084, Re134, many other radio tubes available, prices compared to quality. Contact: Nicolò Rubini, via Mazzini, 7-35040 Masi- (Padova) Italy. Fax (only daytime for Italy please) 0039 0425 52150

**WANTED:** Small Gloriette cathedral cabinet with smile face in good original condition. Don Hovde, \*000 Ashland Ave. Apt. 2, St. Paul Park, MN 55071. (651) 459-9935

**WANTED:** 1932 Crosley Model 125 cathedral cabinet. Bill Van Pelt, 4401 S. Plateau Trl., Sioux Falls, SD 57106. (605) 362-7243

**WANTED:** Zenith Stratosphere 25 or 16 tube, any condition, need not play. Jim Choroszy, 764 E. Imperial Dr., Hartland, WI 53029. (414) 367-8367

**WANTED:** Detrola consoles, with or without phonograph. Detrola tabletops 72M, 111, 112, 113, 223. Scott Flaugher, 41100 Plymouth Rd., Plymouth, MI 48170. (734) 737-4221. E-mail: scott.flaugher@unisis.com

**WANTED:** Beam-A-Scope BC & SW 1 antenna coil for GE J-805, attaches with red, black, yellow & green leads, hangs on shelf below chassis. Lanny Roth, 7871 85th Ave., Chippewa Falls, WI 54729. (715) 723-1630. E-mail: rothle@uwec.edu

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 • satisfied, and to comply with a buyer's  
 • refund request on unaltered returned items.  
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**WANTED:** Huge 1930s Navy receivers Models RAA and RAB. I can pick up, distant! William Donzelli, 15 Gen. MacArthur Dr., Carmel, NY 10512. (914) 225-2547. E-mail: william@ans.net

**WANTED:** Tube hi-fi/commercial/theatre amps, mixers, compressors, preamps, tuners, etc. Altec, McIntosh, Marantz, IPC, Western Electric, Ampex, Leak, Scott, Fisher, Dynaco, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

**WANTED:** Original Radiola IIIA cabinet. Iron base and Bakelite insulator sleeves for Bunnell sounder. Michael Cutler, 2419 Ave. O, Galveston, TX 77550. (409) 763-0938

**WANTED:** Book, A History of the General Radio Company, by Arthur E. Thessen, published 1965. Will pay very well for good copy. John Field, 2335 Benton St., Santa Clara, CA 95050-4432. (408) 246-1383

**WANTED:** Excellent original working Pla-Pal Penthouse radio. Joseph DiCaro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. (905) 848-7759. E-mail: fox@globalserve.net

**WANTED:** Books, Wireless Patrol at Camp Brady, Secret Wireless, and Hidden Aerial, by Theiss. Robert Stapleford, 1800 S.W. Randolph Ave., Topeka, KS 66604-3158

**FOR SALE:** Pedasine quack med device by Fischer – \$50. Renee May, 1242 N. El Centro Ave., Los Angeles, CA 90038. Ph./fax: (323) 464-9179

**FOR SALE:** New in box tubes. 19, 27, 31, 36, 37, 43, 58 – \$5 ea. plus shipping. Plus 1,000's more. SASE for a free list. J. Arndt, 1215 Division St., Manitowoc, WI 54220-5734. (920) 684-8830

**FOR SALE:** Radio Doings, Sept. 1928, LA Radio Show, 195 pages of ads, Xerox copy – \$13. David Buck, 3630 Wilcox St., San Diego, CA 92106. (619) 224-5821

**FOR SALE:** Zenith Royal 7000 looks and plays great except BC band – \$150. Dale R. Johnston, 1305 Guadalupe Dr., Westminster, MD 21157. (410) 848-5279

**FOR SALE:** Automatic tuner for Zenith Model 35, radio – BO. **WANTED:** PE-73-C dynamotor. Douglas Lee, 12085 Duttlinger, Wheatfield, IN 46392. (219) 956-3237. E-mail: w9spc@netnitco.net

**FOR SALE:** (277) copies of 73 magazine, Popular Communications and Monitoring Times, all for – \$70 plus UPS. Daniel Seidler, 3721 W. 80 St., Chicago, IL 60652-2415. (773) 284-8221

**FOR SALE:** Unassembled Heathkit dual-trace DC to 10MHz oscilloscope kit #IO-4550. Still in original sealed carton – \$369 (Heathkit price was \$399.95). Unassembled Heathkit crystal controlled oscilloscope calibrator kit #IG-4505, also in original sealed carton – \$59; both kits for – \$399. Shipping extra. Also available: electronics books, magazines, parts, etc. List for stamp. Bob Eckert, 133 E. 7th St., Clifton, NJ 07011-1104. (973) 340-0579

**FOR SALE:** 1941 vintage, 9-tube chassis with 12-inch and 5-inch speakers, professionally rebuilt, beautiful cabinet – \$295. P. Martone, 303 Franklin St., Melrose, MA 02176. (781) 665-4568, call before 10 pm EST

**FOR SALE:** Telegraph distortion analyzer Model TDA-2, Type TS-1060 GG, Stelma Inc. – \$30 + ship. Paul Hametty, 4805 Parkmoor Dr., Westerville, OH 43082

**FOR SALE:** Phase Linear 400 – \$220. National 60 Special – \$85. William Dahlgren, 3095 Evelyn St., Roseville, MN 55113. (651) 639-0331. E-mail: dahlgren@net-info.com

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**FOR SALE:** Game of Radio deck of cards in case, horn speakers on every card – \$135. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

**FOR SALE:** Hammarlund HQ-180, good condition, local pick up in central N.J. – \$249. Jeff Ross, PO Box 487, Quakertown, NJ 08868. (908) 782-3121. E-mail: pamro@rcn.com

**FOR SALE:** Novelty radios, sexy lady – \$45. owl, brass/plastic – \$40. Radios work, shipping extra. Steve Whited, 3637 W. 71st St., Indianapolis, IN 46268. (317) 298-9967

**FOR SALE:** Most Often Needed Radio Diagrams for years 1950, 1956 and 1958 – \$8 ea. plus shipping. Phone or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209-4711. (601) 922-2235

**FOR SALE:** Hickock 539B tube tester, same as 539C (needs tube adapters) – \$300 + shipping. Radio Relics, Charles Kirsten, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491

**FOR SALE:** Used tubes, tested. (20) 6A7s – \$2 ea. (20) 6D6s – \$1.50 ea. Plus shipping. Willie Carr, N4XE, 2739 Colonial Ave., Roanoke, VA 24015-3835. (540) 343-5606

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Magazines, Catalogs, Autographs or Ephemera related to the above topics. Also: Pre-1920 Wireless and Telegraph Apparatus – Radio-Related Novelties and Advertising – Early Vacuum Tubes and Electrical Devices.  
*Some items available in other technical subject areas also.*

Several catalogs featuring items for sale are published each year.

**New Wireless Pioneers – Jim & Felicia Kreuzer**

P.O. Box 398, Elma, NY 14059

Phone: (716) 681-3186 Fax: (716) 681-4540

**WANTED:** Owners and service manual for Revox B77 Mk2 tape deck. Thomas Peters, PO Box 3925, McAllen, TX 78502

**WANTED:** RCA mid 50s breadboard educational kit radio, 1T4, 3V4, DC. Alex Wiggins, W 4839 Sumac Rd., Plymouth, WI 53073. (920) 893-3049

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**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:** WE loudspeaking telephone, any models and condition. Jun Mizuno, 933 Portwood Cir., San Jose, CA 95120. Ph/Fax: (408) 268-4016. E-Mail: jmizuro@usa.net

**WANTED:** Large strong iron/steel magnets. Steve Karpiak, PO Box 1415, Sebring, FL 33871. (941) 471-0922

**WANTED:** RCA RC-350 tulip grille Catalin radio; any color, doesn't work, or if the case is cracked, that's OK! Henry McCorkle, 8065th St., S.E., Roanoke, VA 24013. (540) 343-9570. E-mail: RoaRec33@aol.com



**WANTED:** Symphony and Detrola Catalins. If only you knew how necessary these radios are to my very existence. Gee, if you knew that you'd probably never call or hope I'd wither away ending once and for all these stupid ads. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** WWII SCR299 base station radio components to complete K51 vehicle restoration project. Need: BC-731 control box, T-50 mic, JB-49 or JB 59-A junction box, phone and speaker control panel, MP-47 mast base, FT389-A and FT388-A mountings, SW-199A (start-stop) switch, CH-89 (seat) chest, DR-4 reel mounts, various cords, CD-556, 558, 560, 562, 557, 559, 561, 563, 564, 565, 566, CO-316, 313, 314, TE-48 tool equipment, electric heater Arvin Model 201 or Electromode Model AA-15, BC-610C back panel & shock mount, BC-614D top cover and shock mounts, EE-8 table side box, BC614D ID tag and plate/output level meter. Mount for BC-721, TM for SCR 585. What do you have? Any information would be greatly appreciated! Bill Miller, RR1 Box 35, Vincennes, IN 47591. (812) 882-2437, home. (812) 882-6690, work. Fax: (812) 886-0573

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YOU helped make it the best "Spring Mee" ever!!

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October 9 Jamestown NC, January 2000 Columbia SC.

For more information contact: Ron Lawrence KC4YOY  
POBox 3015, Matthews, NC, 704-289-1166, kc4yoy@trellia.net

**FOR SALE:** Hammarlund HQ180, HQ170, HQ145X, HQ100, HQ110, HQ129X, SPJX400 + PS, SP600 JX 17. Hallicrafters SX101A, SX100, SX110, SX108, SX62 + SP, SX72. National NC300, NC54, NC57, NC240-D + SP, NC183 + SP. Military: R390A, R392, 1051B. Kenwood TS530S + SP + ant tuner. Heath: TRX1 Apache SB300. AR3. Lots of Collins ham gear, some German Nordmende & Telefunken. Call: Alan Carpenter, 6850 N. Camino De Fray Marcos, Tucson, AZ 85718. (520) 575-1960

**FOR SALE:** Kellogg RFL chassis only, very good, 3 knobs, 2 dials – Offer. Call or write: Dean Rein, 4307 Hwy. 52, Wausau, WI 54403. (715) 842-8354

### Classified Ad Deadline Noon

May 10 for June 1999 Issue

June 10 for July 1999 Issue

Boxed, Photo, & Display Ads - 1st

**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/TRADE:** Planatair Germanium radio, Japan, nice and in a box – \$105 includes U.S. shipping. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260

**FOR SALE:** Navy RBA-2, 15-600 kHz – \$75. (2) pieces weigh 147 lbs. Write if interested. May be at IHR5 June 3 meeting. C. Davis, W9CR, 201 E. West St., Georgetown, IL 61846

### Zenith 1936-'42 Serial Number Survey

The serial number log located in the Zenith Service Manual, Volume 3 has many problems. I intend to correct this log, giving a more accurate count of each Zenith chassis type produced if you have 1936-1942 Zenith radios or chassis, please send me the following data for each set:

- serial # (with letter prefix, found on metal plate on the back of chassis)
- chassis # (under chassis opposite serial tag or on patent sticker) OR:
- model # (ink-stamped on cabinet rear or on patent sticker)

Major trouble spots or more info needed in these areas

- 1936 models (N1000-N266201) There are four large gaps in the log. Also on 12A57 and 12A58, note whether the set uses a single or multi-layered dial glass. On 4F133, 5F134, and 5F166, list "vibrator pack" serial numbers
- 1939 "Stars and Stripes," automatic tuning conversions of '38 sets
- 1940 7 or 8-tube slide-rule dial sets using chassis 5719/5721/5810/5811.
- 1940 "Upside-down" sets. Which runs/groups did Zenith destroy?
- 1942 Portables Does grille show sailboat or bomber?

I will compile the serial numbers into a database and respond with particulars for each chassis type sent. Detailed results will be published later. We can improve early Zenith production data ONLY with your help!

Lastly: For wooden sets, I'd like to know of models factory produced in bone white, maple, or black lacquer finishes.

#### Send to:

Martin Blankinship  
PO Box 157  
Lecompton, KS 66050

#### E-Mail:

zenmar@cjnetworks.com



**FOR SALE:** Amateur radio texts and handbooks, new condition, SASE for list. Bill Riley, W7EXB, 863 W. 38th Ave., Eugene, OR 97405-2375

**FOR SALE:** Transmitting tubes, sockets, transformers: 4CX-150A, 3CX-1000A7, 4CX-1000A, 250TH, 450TH, 4-400, 3-1000, 4-1000, 4PR-1000. F.H. Yonker, P.E., W2IBH, 1229 Inverary Pl., State College, PA 16801. (814) 867-1400

**FOR SALE:** Exact reproduction glass dials for Sentinel 284 Catalins. Send – \$23 ppd. Radioart, PO Box 102, Centerbrook, CT 06409

**FOR SALE:** 24K vacuum tubes, new/used tested. Prices below AES! www.freeyellow.com/members/5/tubes2000/index.html. Robert Taylor, PO Box 10503, Bradenton, FL 34282. (941) 751-1072

**FOR SALE:** Unpacked Heathkit Model EK-1 volt-ohm meter, 28 years old (mint) – \$35 plus shipping. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

**FOR SALE:** Have 1,500 nice transistor radios. Will sell one or all. Doug Ferrero, WB8YNZ, 70173 Hillside Ct., Romeo, MI 48065. (810) 336-0120. E-mail: ynzdsd@bignet.net

**FOR SALE:** Older ham equipment, books, FT-243 crystals – Best Offers. Large list \$1 and SASE. Joseph Bedlovics, PO Box 139, Stratford, CT 06615

**FOR SALE: Jukebox Collector Magazine – \$30/year (12 issues). 2 samples – \$5. Jukebox Collector, PO Box 624ARC, Altoona, IA 50009. (515) 265-8324**

**FOR SALE/TRADE:** Kadette Jewell 41 Deluxe marbled walnut. WANTED: Best Detrola Pee-Wee, SuperPW, Beetle or Kadette. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019. evenings please. E-mail: knevins@tc3net.com

**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:** 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: w9itt@juno.com

**FOR SALE:** Radio or TV tubes, 1 stamp for list to: Joe Knight, 3921 Windolyn Ct. S, Bartlett, TN 38133

**FOR SALE:** National NC57 – \$59. Knight Star Roamer – \$39. Heath CPO – \$17.50. Plus shipping. H. Mohr, 1005 W. Wyoming St., Allentown, PA 18103

### 1999 VACUUM TUBE PRICELIST

Write or fax for free copy of our 1999 price list; we stock over 600 varieties of new old stock U.S. made vacuum tubes.

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653 Commercial St.,  
Farnham, NY 14061  
Fax 716-549-3823

**WANTED:** Old brass gadgets. Scientific and medical apparatus. Antique brass microscopes. Wissner, Box 102, Ardsley, NY 10502. (914) 693-4628. E-mail: [wissner@bestweb.net](mailto:wissner@bestweb.net)

**WANTED:** \$1,000 paid for certain 78 rpm records. For our illustrated want list, send \$2 + LSASE to: Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389

**WANTED:** One dark brown knob for Emerson Model 1003. Sue Kress, 3766 S.E. Middle St., Stuart, FL 34997. (561) 220-1971

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**WANTED:** Conar (NRI) radio kits: 4T, 5T, 6J (1970s) plus any other Conar kits with manuals. Art Sabin, 315 Plymouth, Chicago, IL 60604. (312) 987-1441. E-mail: [7sabin@jmls.edu](mailto:7sabin@jmls.edu)

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

**WANTED:** Zenith 8S661, Philco 39-17, American Bosch 440T. Heathkit AR (3), Mosley CM-1. Herman Schnur, 3205 Brick Kiln Rd., Greenville, NC 27858. (252) 752-2264

**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:** California Raisins radio, AM or AM/FM. State condition and price. Joe Schlosser, 5300 Knollwood Dr., Raleigh, NC 27609-4514. (919) 571-8883. E-mail: [jpschlosser@compuserve.com](mailto:jpschlosser@compuserve.com)

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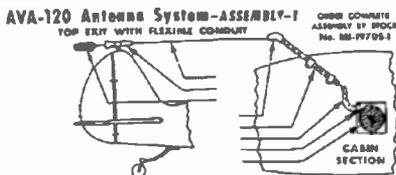
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**WANTED:** World Radio Handbooks, 1958 and pre-1950; also RADEX magazines. Jerry Berg, 38 Eastern Ave., Lexington, MA 02421. E-mail: [jberg@tiac.net](mailto:jberg@tiac.net)

**WANTED:** Early British crystal sets. Ian L. Sanders, 16725 Wild Oak Way, Morgan Hill, CA 95037. (408) 778 7547. E-mail: [iisande@ibm.net](mailto:iisande@ibm.net)



**WANTED:** WWII RCA aircraft AVA-120 trailing wire antenna parts. "They" say that you can't find these anymore. I want to prove them wrong! Can you help? Sam Taber, PO Box 601, East Troy, WI 53120-0601. (414) 642-4515

**WANTED:** Horn speakers, hi-fi/theatre/commercial. Altec, Electro-Voice, Western Electric, IPC, JBL, Tannoy, Klipsch, Jensen, Goodmans, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

**WANTED:** Receiving tube characteristics manuals: National Union, Raytheon, Westinghouse, and other uncommon ones. Marion L. Clemens, KC8KCP, 10129 Lapeer Rd., Davison, MI 48423. (810) 653-2439

**WANTED:** Crystal sets, crystal radio kits, toy crystal sets and pocket crystal radios. Erwin Macho, Ambrosweg 17/A/8, A-1230 Vienna, Austria. Fax: ++431/8874355

**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

## YARD SALE! (GRILLE CLOTH)

~~\$20~~ per yard (51" x 36") for any quantity of yards of these patterns: #15, 16A, 17, 19A, 20, 21, 22, 23, 24, 25, 26, 27 until gone.

~~\$15~~ per yard for #11 - SOLD OUT

### 4 New Patterns!

#30 and 31 are not what I expected so I'm selling them cheap to recover my costs - \$12/yard! (36" x 44"). (If you can use a low cost generic look, this works.) #32 is a rust-colored Philco 90 type pattern for late 30's Zenith. #33 is for Buddy Boy, Kennedy tombstone and Temple speaker, and others.

**Send 55¢ LSASE (4"x10")  
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(516) 781-6202 (EVENINGS/WK-ENDS)**

**FOR SALE:** Mayfair tape recorder, complete battery operated, good condition - \$30 plus shipping. Mike Leopold, 788 Duxbury Ln., Bartlett, IL 60103. (630) 289-8788. Fax: (630) 540-1283



**FOR SALE:** Fishers: X100B, 800B, #500 - \$100, 50R - \$50. Pilot tube amplifier #245A. Heathkit component tube stereo system #AA100, AJ30, AC11 - \$200. Scott 310C. Bogen tube amplifier. Chrome-plated power amplifiers. Harman Kardons: TA5000X, A500, F500, A224. Zenith stereophonic tube tuner - \$50. Espey FM receiver, 14 tubes - \$65. Bell tube tuner and amplifier 6L6s - \$125. Pioneer SX880. Hallicrafters: HR40 - \$100, S40B, S53, SX99, S76. Detrola metal 568-1. Six cathedrals, tombstones, Zenith, GE S22, Angeles, Philco, Grunow #580, GE ca. 1935 - \$50. Riders, Sams, Sams Auto Radios, Transistors, inside windup horn phonograph phonola - \$70. Troy radio chassis ca. 1935 - \$50. Everything sold as is, no refunds. Charles Seidel, PO Box 1500, Merlin, OR 97532. (541) 474-2596

**FOR SALE:** Radio receiver Type BC-137, designed at Radio Labs., Ft. Monmoth, N. J., date 3-31-26, Serial #1, made by Westinghouse Electronic Mfg. Co., good condition, no tubes - \$350. Ted Goulden, WA5VRE, 1107 Foreman Rd., NE, Yukon, OH 73099. (405) 354-3619

**FOR SALE:** Hammarlund SP-600 RF/IF coils...T2, T3, T4, and T5 inductance ranges L33 to L42. Complete set for - \$50 plus \$5 shipping. Hi Voltage Mica condensers by Faradon and Cornell-Dubilier. Ceramic centers, 2 1/2" diameters, heavy cast aluminum tops, all for - \$90 plus \$5 shipping. Roland Matson, PO Box 956, Lake Panasofkee, FL 33538

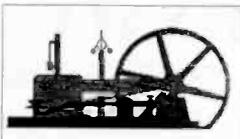
**FOR SALE:** Clapp-Eastham Key - Best Offer. 1930s Radio Company Stationary/ Advertisements. Rolls Royce novelty - \$20. Mitchell, Zenith chassis. Rider Manuals. Tube testers (Precision 910, 920. Jackson) Electricalabs (E/L) 2701 - \$55. Philco C666 - \$55. Bendix 687A. Mitchell Lullaby - \$65. Westinghouse H320-T5 white/green. Clock radios GE 50, 62 Emerson 602, 852, 737B. Philco 20, 70. Wood Emerson - \$55. Radio tubes. Much more! David Grace, 31 Sabra St., Cranston, RI 02910. (401) 461-9431, nights. E-mail: David\_Grace@CUUSA.com

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

**FOR SALE:** Tubes various types (n9tew tubes) web site <http://www.iorsm.com/~n9tew/tubes/tube-index.htm> or e-mail me at: n9tew@iorsm.com. Bob Bieker, 9528 Farmer Dr., Highland, IN 46322. (219) 641-5748

**FOR SALE:** Collins ant tuner 180-V21 - \$35. 6 and 8 Riders - \$14. From city library, 2-PL4D21, same as 100th Eimac, 1955 price - \$30 ea. Marion J. Chelkowski, 1103 Kayton Ave., San Antonio, TX 78210-3624. (210) 533-1876

**FOR SALE:** Western Electric 7A amplifier, three 216A tubes filaments OK. Phone for price & information. Telmer Olson, WOYPT, 304 W. Iowa, Box 267, Monona, IA 52159. (319) 539-2315



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**WANTED:** Utah 12" electrodynamic speaker, silver. Ralph Boyer, 20363 Brookwood, Dbn. Hts., MI 48127. (313) 337-3144. E-mail: rboyer1@ford.com

**WANTED:** Documentation for an Emerson Wondergram miniature phonograph imported from England. Rich Nicewonger, 26 Evans Ave., Piscataway, NJ 08854. (732) 752-2912. E-mail: rnicewonger@webtv.net

**WANTED:** Zenith 7S261 pictured in A.R.C. Nov. 98, pg. 5. Cabinet for 12S265. Philco tombstone cabinet for 16B, early or late version. Larry Stocking, 1025 N. Sixth St., St. Clair, MI 48079. (810) 329-6747. E-mail: Lesox@hotmail.com



**WANTED:** Pilot set pictured and similar, also Pilots with drum-type dials. Pay to \$1,500 or have trades. Pay finders fee for information leading to purchase. Shipping from anywhere no problem. Thanking everyone in advance. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (256) 880-1207

**WANTED:** Complete coil set for B&W Mod 600 grid dip meter. Bill Wagner, 16 Kenworth Rd., Port Washington, NY 11050. (516) 767-7223. E-mail: wag049@aol.com

**WANTED:** Operators manual with schematic for a Hickok VTVM Model 209B. W.J. Klewchuk, PO Box 927, Watena, Saskatchewan, Canada S0A 4J0. (306) 338-2264

**WANTED:** Western Electric transformers and parts, any models and condition. Jun Mizuno, 933 Portwood Cir., San Jose, CA 95120. Ph/Fax: (408) 268-4016. E-mail: jmizuno@usa.net

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

**WANTED:** WWII walkie-talkies BC-721 and BC-611 and parts or accessories. Bill Jewell, 3800 Ridgeway Rd., Fort Worth, TX 76116. (817) 377-4664. E-mail: OldRadios@aol.com

**WANTED:** Philips-Norelco AM/FM Deluxe AM/FM/SW type 6R3ST/54 with power supply and manual working. Waite's Radio Logs, 30s-50s. Thank you. A. Sherry, PO Box 1051, Riverdale, NY 10471

**WANTED:** I need copies of any factory service information for Sparton Models 1116, 1166, 1176, 1186, 1196, 1466, 1476. This is a 12-tube radio. Can you help? I have the Rider information. Thanks. Gerald Cromer, K4NHN, 1014 Summerland Dr., Cayce, SC 29033. (803) 794-1483

**WANTED:** HW-16, FRDX400SD, T-50 and crystals, HQ-145. Donald Traves, WB4CVH, PO Box 2114, Winter Haven, FL 33883-2114. E-mail: wb4cvh@ithink.net. (941) 298-0537

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

**WANTED:** Altec speakers: 515, 416; high frequency drivers and horns. Other models also. Kent Elliott, 3143 W. 46th Ave., Kansas City, KS 66103 (913) 677-1824. E-mail: Kentelltt@aol.com

**WANTED:** Braun radios and hi-fi equipment. Daryl Jorud, R#1 Box 180, Battle Lake, MN 56515. (218) 864-5725. E-mail: djorud@prtel.com

**WANTED:** Arvin 517 tombstone chassis! (Stein #1). Patrick Franzis, N1OCJ, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old\_radios@yahoo.com

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**WANTED:** New collector wants transistor radios, working, excellent to mint condition. Bob Waskin, 9420 Kildare, Skokie, IL 60076. (847) 677-4620

**WANTED:** Set-up information for Star Measurements Co. Model TE-1 tube tester. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

**WANTED:** Grebe M1 or M2 cabinet and speaker, junker OK. Also looking for Philco 37-630X and Silvertone 1967. Is there anyone local who can recone Philco speakers? Alan Kalivas, 7 Anderson St., Peabody, MA 01960. (978) 535-8175

**WANTED:** Zenith black dial console Model 12S371 or 12S471. Mark Hewitt, 6659 Tipperary Trl., Roscoe, IL 61073. (815) 623-8729

**WANTED:** Chassis and speaker for Philco Model 37-640. Larry Seyler, PO Box 292386, Kettering, OH 45429. (937) 299-3090

**WANTED:** Carborundum crystal detector cartridge. Early regen sets manufactured by A-P (Oard Labs). J.C. Woychowski, 81 Penn Ave., Niantic, CT 06357. (860) 739-6579

**WANTED:** Information related to National SW3, SW2, SW1, receiver. Joseph W. Wood, 6511 Chester Ave., Hodgkins, IL 60525-7608

## 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, 5829.  
Philco: 37-116X, 38-116XX, 116B, 16X, 20 Deluxe. RCA: C-15, C-13, 15K. Grunow: 1541 Telcdial.

Contact: Mike at 813-832-1921.  
E-mail: RADIOHUNT@aol.com  
Will arrange shipment from anywhere!

**FOR SALE:** Parting out Motorola 77FM small step-down console, radio works, cabinet parts. **WANTED:** Push buttons for my Stewart-Warner 91-621, or I'll buy a junker. Charles G. Phillips, Jr., 8607 Rembrandt Cir., Newark, DE 19702. (302) 832-9592

**FOR SALE:** Technical books, magazines, manuals. Send business SASE for a one-page list to: Joseph Holstein, 1515 Sashabaw, Ortonville, MI 48462

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OUR CLASSIFIED AD DEADLINE IS  
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ON THE 10th OF EACH MONTH**

**FOR SALE:** 1953 Klipsch licensed high fidelity corner horn enclosure speaker system; Electrovoice drivers: 15" woofer with chrome frame, 2 1/2" voice coil. Molded midrange horn mounts on top of 38" high enclosure. Externally mounted crossover unit, two controls. Original 3 color 22 page instruction book with blueprints from which this was built included, also 16-page Electro-Voice speaker catalog. Bad feature: 4th driver (high end tweeter) missing, but easy to substitute these days. Important relic from last days of mono - \$350. Charles Fisher, 161 Belknap, Framingham, MA 01701. (508) 877-2659. Fax: (508) 877-7541

**FOR SALE:** Working cream/brown Zenith FM tube radio Model MH910 - \$25 + ship. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

**FOR SALE:** (100) Technician Circuit Digest workbench library & TV schematics. Sams Photofacts - cheap. Ann Bichanich (Jay's), 15 W. Lake St., Chisholm, MN 55719

**FOR SALE:** Home brew radios, test equipment, manuals, Ampex recorders & parts - SASE for list. Bob Lindahl, 10680 S.W. Wedgewood St., Portland, OR 97225. (503) 644-9643. E-mail: bob@webgypsy.net

**FOR SALE/TRADE:** HR-10B, HW-16, EK-2, S-40A, S-40B, HT-44, SX-62, SW-54, R-55. Rackmount BC-348Q. Eico/322, 360, 435. SASE/E-list. Sam Timberlake, KF4TXQ, PO Box 161, Dadeville, AL 36853-0161. (256) 825-7305. E-mail: stimber@lakemartin.net

**FOR SALE:** Communications receivers, parts, microphones, telegraph, tubes, transmitters, antique radios, laboratory test equipment. LSASE. Stuart T. Carter, II, W4NHC, 680 Fernwood Dr., Melbourne, FL 32904-1995. (407) 727-3015

**FOR SALE:** Heathkit visual/aural signal tracer, working, missing one lead - \$50. Sylvania color TV service sign, cardboard and plastic, illuminated, has halo-light around picture tube - \$50. Early tube base CB radio, crystal channel 8 citizens communicator, has tuning eye - \$45. All shipping extra. Maurer Television, 29 S. 4th St., Lebanon, PA 17042. E-mail: radiobks@aol.com

**FOR SALE:** Sencore SML58 TV aligner - \$15. Crosley Super Tridyne - \$80. RCA 100A speaker - \$90. Automatic 6 or 12 volt tractor radio - \$35. (10) #47 lites - \$2. Majestic 161 - \$150. Zenith X347 AM-FM - \$40. RCA RWG 35 globe trotter with Emerson Vanguard - \$20. Scott 1510 chassis - \$65. Zenith H500 T-O - \$140. Zenith T-O B-600 - \$120. (2) Turner 251 mikes - \$15 ea. (1) tube homebrew - \$30. Rider's 10 & 11 - \$12 ea. Grunow 470 - \$120. Zenith L569 chassis - \$25. Peavey PA-300 amp - \$25. Hudson SA39 auto radio - \$40. Zenith 4B131 tombstone - \$100. Phillips 5" tape recorder E13514 - \$15. Knight 5" scope - \$20. Philco 38 cathedral - \$95. Seco 107C mutual conductance tube tester - \$65. Gen. Elect. GD60 - \$60. Walt Wrabek, Rt. 4, Box 370, Menahga, MN 56464. (218) 564-4623

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(Mar-99)

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**WANTED:** GE A64 chassis, speaker, knobs (Bunis 2, p. 86). Robert Turcotte, 1890 Arlington Rd., Roanoke, VA 24015. (540) 342-8521. E-mail: [turcotte@rev.net](mailto:turcotte@rev.net)

**WANTED:** RCA Radiomarine direction finder Model AR8712 and RCA receiver Model 18T service manuals. Al Kaiser, 713 Marlowe Rd., Cherry Hill, NJ 08003-1551. (609) 424-5387

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**WANTED:** Jensen speaker G610. Sam Huh, 8-10 W. 36th St., New York, NY 10018. (212) 563-8046. E-mail: [decostudio@msn.com](mailto:decostudio@msn.com)

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**WANTED:** Stromberg-Carlson Model 228H in working or restorable condition. Tom Seller, 1285 James St., Harrison, MI 48625. (517) 539-2570. E-mail: tosel1285@webtv.net

**WANTED:** Plastic grille and dial cover assembly, Emerson 616A (Stein 1, p. 92). Ed Cook, 3215 N.E. 111 Cir., Vancouver, WA 98686. (360) 573-1439

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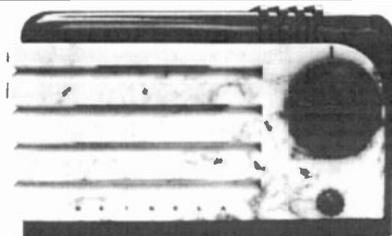
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**WANTED:** Old telegraph keys and related equipment, catalogs, signs, etc. Gerry Maira, 31 Prospect St., Fredonia, NY 14063. (716) 672-5389. E-mail: gm@netsync.net

**WANTED:** Rider's 21, 22, 23, Meissner TrafficMaster kit, Bunis #1, Patterson PR16 cabinet. Collect: Bruce Russell, SPARC, VE7HII, 370N. Hythe, Burnaby, British Columbia, Canada V5B 1G5. (604) 299-1116 or (604) 298-1038

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

**FOR SALE:** SABA German SS studio 2A, exc - \$300. Hallicrafters speaker R46B, poor, working - \$20. Thanks. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (323) 661-1221

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 102D / 102F (ST) S35 NOS  
**205D/E (TB) S445 NOS, S285 used**  
 211A/D/E S280 NOS, S150 used  
 212A/D/E S750 NOS, S250 used  
 231D S65 NOS, S30 used  
 242A/B/C S300 NOS, S150 used  
**252A S1200 NOS, S700 used**  
 261A S155 NOS, S80 used  
 262A/B S65 NOS, S35 used  
**274A / 274B S250 NOS, S180 used (Engraved Base)**  
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 275A S140 NOS, S65 used  
**300A S900 NOS, S675 used**  
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 300B S565 NOS (1950's and 1960's printed base)  
 310A / 310B S20 NOS, S12 used  
 331A S45 NOS, S23 used  
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 421A / 422A S35 NOS, S15 used

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 V7-52 S120 NOS, S60 used  
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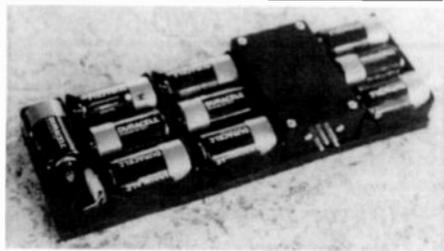
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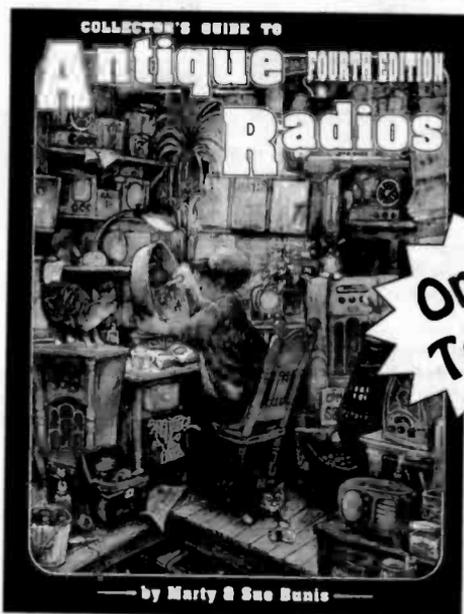
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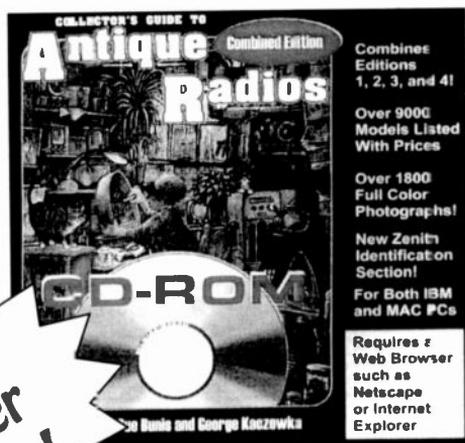
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**WANTED:** Fada Catalins. I like 'em perfect or in pieces - whatever you have to offer. Don't humiliate yourself by letting some other "big shot" collector take advantage of you. Go ahead and use me. Uh oh! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Allied Knight KN 40CB 35DU814 transistor audio amplifier, diagrams, manuals. Jim Youngson, 6701 Melrose Ave., Louisville, KY 40216. (502) 448-6228

**WANTED:** For Kennedy 110 two large bank-wound coils cash or trade. Possible trades are volt meter for this model, AK breadboard inductance tuners. If I don't find parts soon, this set and 525 amp will be for sale as is. Roy Sawley, Box 174, Melfort, Saskatchewan, Canada S0E 1R0. (306) 752-4362

# Tube Lore



## A REFERENCE FOR USERS AND COLLECTORS

For the serious tube enthusiast, coverage of tubes from 1920 to today: tech data, history of design trends, equivalencies, stocking-up hints, "where-used" information, even auction prices on collectable types. Describes conventional gridless tubes used in radios, audio amplifiers, and communications gear, plus the unique types used in radar and other special applications. Contains 186 pages of material unavailable in conventional tube manuals: hints on identifying, dating, testing, reactivating, etc. It's softbound, 8-1/2" x 11" size.

**Tube Lore** is available from major antique-radio booksellers. It's also orderable directly, at \$19.95 postpaid in North America or \$24.95 postpaid elsewhere, from:

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## TUBE COLLECTORS ASSOCIATION FORMED!

This new group is now in operation. Started by dedicated collector-historians, it is international in scope, nonprofit, and noncommercial. It addresses tubes of all vintages and types. For a membership application and sample copy of *Tube Collector*, contact the club at PO Box 1181, Medford, OR 97501. Details are also available from Al Jones, W11TX, on (707) 464-6470 or Ludwell Sibley on (541) 855-5207.

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**The Collector's Guide to Antique Radios 4th Edition** by Marty & Sue Bunis. 8,500+ Battery & AC sets from the '20s to the '60s. Updated prices. Many new photos. 1996. Shipping Now. — **\$18.95**  
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Price  
Guide

**The Collector's Guide to Transistor Radios 2nd Edition** by Marty & Sue Bunis. This book will help you identify the most sought-after vintage transistor radios. Over 2,900 models, all with current prices. Includes radio club listing. 375 all new color photos, 320 pages. 1996. — **\$16.95**

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**The Collector's Guide to Antique Radios, Combined Ed., CD-ROM**, Bunis & Kaczowka. Combines book editions 1-4. Over 9,000 models with pricing. 1,800 full color photos. Requires a web browser. Runs on both IBM & Mac. 1998. — **\$39.95**

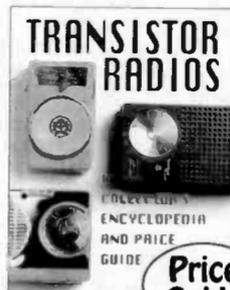
**Genuine Plastic Radios of the Mid-Century**. Jupp & Piña. Table radios made primarily of brightly covered plastics, with advertisements, vintage black and white photos, 439 color photos. Price guide. 208 pgs. Hardcover. — **\$39.95**



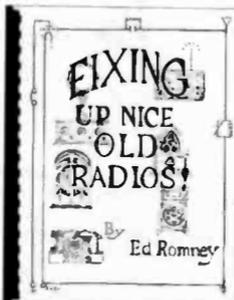
Price  
Guide

**The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.** by Robert Grinder. Over 20,000 radios by manufacturer, model number, year, etc. with prices. Radio history, cabinet style chapters. No photos, 264 pages. — **\$26.95**

**Transistor Radios, A Collector's Encyclopedia and Price Guide** by Robert Lane and David Lane. Identification guide to over 2,500 transistor and novelty radios. History and key to collecting chapters, 170 pages. — **\$19.95**



Price  
Guide



**Fixing Up Nice Old Radios** by Ed Romney. Written by a retired radio instructor. Plastic binding. 300+ figures, 185 pages. — **\$29.00**

**Old Time Radios Restoration and Repair** by Joseph J. Carr. A self-paced training guide. History, theory and practical operation of antique and classic radios. 200 illustrations, 256 pages. — **\$19.95**



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(Mar-99)

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**Crystal Clear Volume 1 and Crystal Clear Volume 2** by Sievers. *Comprehensive reference to crystal sets, crystal detectors, and crystals. Each volume contains different illustrations and information. Order by volume. — \$29.95*

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**Guide to Old Radios, Pointers Pictures, and Prices, 2nd Ed.** by Johnson. *Introduction to radio collecting. Includes hundreds of photos and a price guide. 272 pages. — \$19.95*



**Antique Radio Restoration Guide, 2nd Ed.** by Johnson. *Beginner's introduction to troubleshooting and repairing AC table model radios. 145 pages. — \$14.95*

**Price Guide**



**The Zenith Trans-Oceanic: The Royalty of Radios** by Bryant and Cones. *Presents the fascinating story of the development and use of the Trans-Oceanic. Several photos, documents, ads. etc. 160 pages. — \$24.95*

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**Fax: (978) 371-7129 - E-mail: AFC@antiqueradio.com - Web: www.antiqueradio.com**



(May-99)

**FOR SALE:** Some good old radios, tube-type, wood, restored. Call or write: Donald J. Scher, 3705 57 Ave., Vero Beach, FL 32966. (561) 562-5149

**FOR SALE:** (4) 7591A RCA tubes N.O.S. (2) boxed - \$90. Mullard 12AX7, 12AU7 - \$5 ea. Used (Knight kit). R.G. Purcell, 4473 W. 136th St., Cleveland, OH 44135. (216) 251-6511

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**Best time to call is weekdays:  
9 am to 5 pm Eastern Time**

(Please no classified ads by phone. Thanks!)

**FOR SALE:** Color poster depicting radio operators last S.O.S. from Titanic (April cover A.R.C.) - \$13. James J. McGrath, W2IOJ, 2 Centerville Ln., West Seneca, NY 14224-2124. (716) 675-0160. Pkt mail: w2ioj@ke2vw.#wny.ny.usa.noam

**FOR SALE:** 17TP4 metal picture tube, N.O.S. - \$25. 5BP4 CRT, N.O.S. - \$15. 9JP1 CRT, N.O.S. - \$15. Ellsworth O. Johnson, 364 S. Coeur Dalene St., Spokane, WA 99204-1063. (509) 838-2161. E-mail: eojohnsonw2@worldnet.att.net

**FOR SALE:** Zenith Trans-Oceanics, all original, working, complete, 100% restored cosmetically to showpiece condition; A600 - \$225; H-500 - \$225; G-500 - \$225. Frank J. Manziano, 82 Monhegon Ave., Oakland, NJ 07436. (201) 337-5263

**FOR SALE:** Radio schematics - \$2.50. Rider's radio & TV manuals, Xerox copies of service manuals: Zenith, 942 pg. - \$65. Philco, 300 pg. - \$30. Crosley 322 pg. - \$30. Atwater Kent, 463 pg. - \$35. Rider's Radio Index 1 through 23 - \$20. Vintage TV UHF converters and signal boosters. Books, SASE for list. All plus shipping. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516

**FOR SALE:** (3) new in box radio plug-in coils, (3) new in box tennis ball tubes. Ed DeCann, Box 543, Osakis, MN 56360. (320) 859-4282

**FOR SALE:** N.O.S. tubes: U.S. military Phillips 12AX7WA - \$8 ea. GE 5751 - \$6. Postage \$4. Bob Putnak, 1507 4th St., Monongahela, PA 15063. (724) 258-6236. E-mail: tubeaudio@home.com

**FOR SALE/TRADE:** Items with no price are preferably for trade, but cash offers considered. Complete mono hi-fi system; Thorens TD-124 turntable w/16" Rek-O-Kut transcription arm, comes with VR-2 and Fairchild X-3 mono pick-ups; Sherwood mono amp, uses 4 EL-86s, Jensen 2-way bookshelf speaker system, really rips with my Chuck Berry album; another great turntable, Sony 2250 Pro 3-speed with SME type tonearm; Mac 225 exc cond.; pair Mac 30s, haze/rust, but work fine; Fisher 400 tube stereo receiver - \$175; Lafayette 225, uses EL-86s, sweet, no case; Hewlett-Packard 5246 electronic counter, Eico 666 tube checker, exc, roll chart works fine; Grundig Mark V portable reel-to-reel dictating recorder, several reels of tape, orig. leather case, orig. mic, mint, works perfect; Admiral AM Bakelite phono tabletop, model 5-Y-22-AN, works nice, missing one knob; Heathkit C-3 cap checker, bright eye tube, works fine - \$40; Taylor 14" x 3" aluminum and bronze mercury thermometer from submarine, really cool, works just fine; 3 more Webcor wire recorders, up and running fine, two model 80-1s, one model 228, will sell or trade for others. Looking for Webster Ekotape taperecorder. Mics for sale: Astatic D-104s, several nice to exc - \$75 up. **WANTED:** Zenith Stratosphere 1000, must be all orig. and vg cond., serious reward for good lead and/or sale. Also, always looking for vintage mics: RCA, Neumann, Sony, WE, what-have-you. Demand items sold to highest bidder, but don't be bashful, the more you buy, the cheaper it gets! Always make an offer! Ward Kremer, 5807 Papaya Dr., Ft. Pierce, FL 34982. Ph/fax: (561) 468-7732. E-mail: WKremer798@aol.com

**FOR SALE:** Firestone 4C30, 2B portable .55-1.7/6-18 MC, works great - \$29 + shpg. H. Mohr, W3NCX, 1005 Wyoming, Allentown, PA 18103

**FOR SALE:** Harko Senior early model with over-hanging lid, wood knob on tap switch, tuning knob wood with metal skirt, (see ad on p. 113 Douglas #1), unrestored, appears complete except screw missing from one terminal - \$500 U.S. Roy Sawley, Box 174, Melfort, Saskatchewan, Canada S0E 1R0. (306) 752-4362

**FOR SALE:** Principles of Radio. Henny, 3rd Ed., 1942, book - \$12 delivered. SASE list. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614. (218) 226-4192. E-mail: catt@lakenet.com



Quality wall clock with full color "His Master's Voice" logo Rugged, 3/8" wood grain case. Full-length glass front, hunter green and gold. Classic Roman numeral time dial. Battery operated, quartz movement. 100% made in USA, including movement. 5-1/4" x 12-3/4" x 2". \$39.95 delivered, continental USA. Massachusetts residents please add \$1.75 state sales tax.

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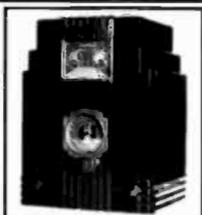
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## WANTED



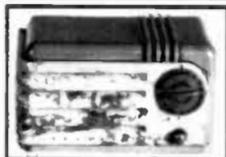
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PAYING \$14,500.00+ for near mint condition red or blue  
 \$10,000.00+ for green, lavender or yellow  
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**ALSO WANTED ANY COLOR-ANY CONDITION**  
 COLLECTOR PAYING TOO MUCH. CALL ME LAST



### TOM THUMB CATALIN RADIOS WANTED

paying \$6,750.00+ for mint cond red, green, orchid, blue  
 \$2500.00+ for any mint one  
**ALSO WANTED ANY COLOR-ANY CONDITION**



### DETROLA PEE WEE & SUPER PEE WEE WANTED

paying \$600.00+ for mint cond black white  
 \$1,250.00+ for beetle, gray, salt & pepper  
 \$2000.00+ for red, blue \$3000.00+ for green or lavender  
**ALSO WANTED ANY COLOR-ANY CONDITION**

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ADDISON 2 MAROON & YELLOW \$900.00, YELLOW & RED \$1,500.00,  
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 EMERSON AU 190 & RT 245 YELLOW \$1,300.00, GREEN \$1,850.00,  
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 EMERSON RM258 YELLOW \$1,700, GREEN \$1,350, RED \$1,850, BLUE \$3,000,  
 EMERSON 564 RED & BLACK \$500.00, GREEN \$600.00, REF \$1,250.00,  
 FADA 156, 155, 52, 51 \$950.00, 156, 53, YELLOW \$900.00, LT GREEN \$1,350.00,  
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**EMERALD GREEN & YELLOW \$6,250.00, BLUE & YELLOW \$6,250.00,**  
 FADA 115, 116 & 1000 ALL YELLOW \$625.00, MAROON & YELLOW \$700.00,  
 YELLOW & RED \$925.00, PEA GREEN \$1,000.00, BLUE & YELLOW \$1,150.00,  
 GAROD 6410 MAROON & GREEN \$1,100.00, RED & YELLOW \$1,400.00,  
**HEALMANY ANY COLOR \$1,500.00 TO \$3,000.00**  
 HOTOROLA 50X ALL YELLOW \$1,100, 800, 800N & 70RT \$2,000.00, RED & YELLOW  
 \$1,000.00, GREEN & YELLOW \$1,250.00, HOTOROLA 52 YELLOW & TORT \$1,500.00,  
 MAROON & YELLOW \$1,700.00, GREEN & YELLOW \$1,500.00,  
 SONORA KM ANY COLOR \$1,400.00, SENTINEL 284 WAVY GRILL YELLOW \$700.00,  
 SAND 800.00, RED 1,250.00, BLUE & 500.00,  
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FOR

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FOR

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 All Brown Bakelite, Near-Mint \$445.00



FOR

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**Emerson AX-212**  
 Fabulous Maple (light) Wood Radio, EX+ \$495.00

ALL PRICES ARE WITHOUT  
 SHIPPING CHARGES

**FOR SALE:** Novelty Radios: outhouse in excellent condition - \$50. Adam & Eve mint in box - \$140. Christmas ornament/psychedelic ball mint in box - \$45. I have a lot more at my website: <http://www.noveltyradio.com> or send LSASE to: Gary Arnold, 615 Oak St., Marion, NC 28752

**FOR SALE:** General Radio Company test equipment, very large collection. SASE for list. John P. Tiedeck, WA2SDE, 212 Grandview Rd., Media, PA 19063. (610) 566-8049

— 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**

**FOR SALE:** National NG 300 - \$150. Air King dynamic 2 range grain painted - \$100. Airline 62-290, same as 62-288 in Bunis 2 only white urea case - \$100. Very nice Zenith 10S-464 - \$400 PU only. Tubes (15) Sylvania 12AX7A/7025 - \$8 ea. Have many of following 12AT7A, 12AU7A, 12AY7 - \$4. 12BH7A - \$9. 5U4GB - \$10. 46 - \$12. Many others. Tube tester Precision Mod 912 with roll chart and papers, works - \$60. Tony Rinaldo, 308 Lenox Ave., Oneida, NY 13421. Ph./fax: (315) 363-3644

**FOR SALE:** Tubes, parts, and books. Free list for two stamps on SASE #10 envelope. Andy Bruck, RR-1 Box 356, Cleveland, VA 24225

**FOR SALE:** Collins mechanical filter N.I.B. - \$75. Heath Lab scope #10-12 - \$75. Detrola AM/SW 561-1 - \$75. Aerotron #500 aircraft transceiver - \$75. Globe 6&2 meter VFO - \$75. Ernest Odeneal, K5QJF, 2710 Lee St., Greenville, TX 75401. (903) 455-2113 or 5788. E-mail: [odeneal@webwide.net](mailto:odeneal@webwide.net)

**FOR SALE:** Wheatstone Bridge Shallcross #630 in oak cabinet, perfect but no handle - \$40 + shipping. Marv Glassman, 19300 Romar St., Northridge, CA 91324-1136 (818) 993-4560. E-mail: [m33412@concentric.net](mailto:m33412@concentric.net)

**FOR SALE:** Radio decals and dial plates. 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](mailto:dials@juno.com)

**FOR SALE:** WWII Navy Type PMA-1 portable PA system - Best Offer. R. Gerber, 636 W. Wildrose, Ridgecrest, CA 93555. (760) 375-6912

**FOR SALE:** Transistors: Universal PTR-62B - \$15. Merc MR-120 MIJ w/box & papers - \$20. Channel Masters 6518 and 6518A - \$20 ea. Sony Esaki diode 11 tr. EFM-117 - \$20. National T-53 - \$10. Novelities: Hamburger Helper (helping hand) Pl. 284 MBC - \$50. (6) Lady Bugs Pl. 199 - \$25-\$50. Bud can Pl. 342 - \$15. Donald Duck Pl. 83 MBC - \$40. National (midget personal radio) 6 tr. Pandora Mod T-9, shaped like stereo console, MIJ, nice novelty unit - \$35. Westinghouse mini cartridge Mod H29R1 w/6 cartridges, mic and exc leather case - \$30. Federal home broadcaster microphone w/box, papers - \$35. Musical John sim. to Pl. 497 but MIJ, 1967, lavender - \$12. Tube radio GE Mod 221 - \$30. Al Varga, 2120 School St., Two Rivers, WI 54241. (920) 793-1993

**FOR SALE:** Riders, Volumes 7, 8, 12, 13, and 14, all for - \$99. Norton Thompson, PO Box 422, Paonia, CO 81428. (970) 527-3017

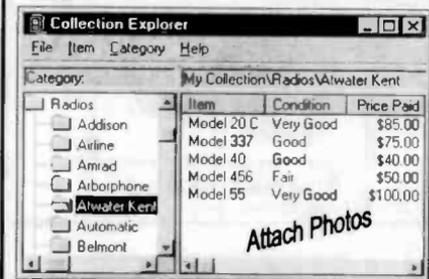
**FOR SALE:** Atwater Kent Model 60 power transformer, all windings test good - \$40 plus shipping. Chuck Davis, 7666 Aldridge Pl., Dublin, OH 43017. (614) 792-6237. E-mail: [CDavis6237@aol.com](mailto:CDavis6237@aol.com)

**FOR SALE:** Toy Crystal Radios and American Shirt-Pocket Transistor Radios. Fun, full-color booklets, as reviewed in January 1998 A.R.C. - \$19.95 ea. (includes postage). Eric Wrobbel, Dept. A, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282. E-mail: [ewrobbel@aol.com](mailto:ewrobbel@aol.com)

**FOR SALE:** Microphone book, History of Identification and How They Work, 300 pp. - \$29.95 ppd. Victor Bang, Video Tech, 7520 S. Rural Rd., #3, Tempe, AZ 85283. (602) 491-1811

**FOR SALE:** Tubes, parts, car radios! Can deliver to RadioActivity! SASE, e-mail for lists. Mitchell Thermionics, 211 Argosy Dr., Gaithersburg, MD 20878. E-mail: [allenom@hotmail.com](mailto:allenom@hotmail.com)

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(517) 787-2985 or

Fax (517) 782-7422



**WANTED:** Looking for Zenith radio Model 10H-571 chassis 10A3, built 1941. Call: Robert Barbuto, 9609 Falls Bridge Ln., Potomac, MD 20854. (301) 299-5717, h or (800) 230-9548, w

**WANTED:** A Panasonic non-clock transistor table radio, will take best offer. Fred Streifeld, 65-22 Parsons Blvd., Flushing, NY 11365

**WANTED:** Space wound coils and socket made by Twin Coupler or Pilot. Joseph B. Kelber. KB8GLD, 503 S. Scranton Ave., Scranton, KS 66537. (785) 793-2323. E-mail: ble17@juno.com

**Classified Ad Deadline Noon**

**May 10 for June 1999 Issue**

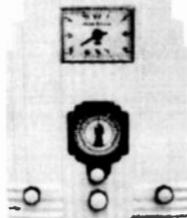
**June 10 for July 1999 Issue**

Boxed, Photo, & Display Ads - 1st

**WANTED:** Zenith Stratosphere 1000, must be exc and orig., serious reward offered for lead and/or sale. Also, RCA, WE broadcast industry catalogs showing mics, pre-amps, etc. I need these for reference for my book. Looking for Allied catalogs 50, 51, 54, 57, 63. Have dupes from 50s, 60s and 70s for trade. The following gear is for trade for above wants: EV 642 shotgun w/new rubber shockmount, really cool 2' shotgun, sounds great; RCA 6225 carbon from 20s, near perfect, w/ perfect embossed copper mesh screens; RCA BK-4; Astatic D-104 on stand, mint; WE 5' shotgun, perfect; several Shure 55s. Looking for: WE 53-A bottle, 618; Neumann CMV-3 bottle; other early bottles; RCA 4-A box camera; 77-A; 77-C; Shure 55-B. Have MacIntosh 225, exc; pair Mac 30s, fair, haze/rust, but work fine; Bozak B-300 speakers; also, see For Sale or Trade ad this issue. Ward Kremer, 5807 Papaya Dr., Ft. Pierce, FL 34982. Ph/fax: (561) 468-7732. E-mail: WKremer798@aol.com

**WANTED:** LED calculators from 1970s, all makes. Flea-market pickers wanted too! Erik Hedegaard, 1084 Washington Ave., Pelham Manor, NY 10803. (914) 738-9422. E-mail: floete@aol.com

**WANTED:** Raytheon Kino Lamp (or similar) tube box for display. Larry Daniel, 1758 Chennault Cir., San Antonio, TX 78226. (210) 923-2634. E-mail: LDaniel102@aol.com



**WANTED:** Air King Skyscrapers, wealthy extraterrestrial seeks examples of this architectural marvel for new intergalactic communications museum. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Tube sockets 6, 7 pin. Jumbo 5-pin fits 813, 803. Acorn, Nuvistor, submini. Krajovic, N3DKS, 546 Sheridan Ave., Pittsburgh, PA 15206. (412) 665-0916

**WANTED:** B&K Precision Mocol scope 1460 manual, copy OK. Milt Faveiro, K4EBT, 1445 2nd Rd. SW, Vero Beach, FL 32962

**WANTED:** Handle for my GE K-64 cathedral radio. Don Hovde, 1000 Ashland Ave. Apt. 2, St. Paul Park, MN 55071. (651) 459-9135

**WANTED:** Transit case CS-400 for Teac 2300S or A-2300SX. **FOR SALE:** Tube list - SASE. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915

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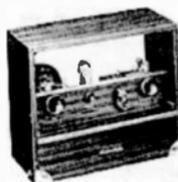
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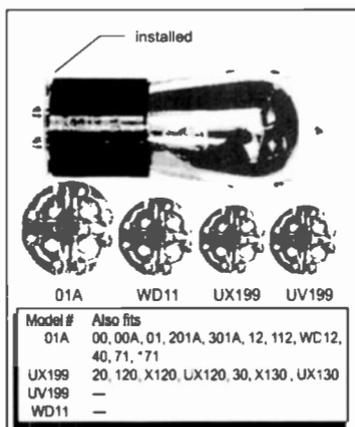
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The H15/ H16 power supplies operates most tube type battery radios from low cost batteries. The H15/H16 steps up the voltage from a 6V battery to provide 22.5V, 45V, and 90VDC for the "B" voltage requirements.

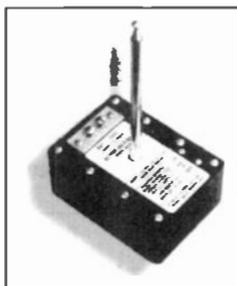
A very desirable feature of the H15/H16 is the method of switching power on and off. This function is provided by the switch on the radio. No radio modification required.

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.

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**FOR SALE:** Jukebox Price Guide (2000 edition) by Victory Glass-\$23.95 ppd. Jukebox Collector, PO Box 624ARC, Altoona, IA 50009. (515) 265-8324

**FOR SALE:** RCA Nipper drapes 8' x 15' allover pattern of dog with horn phono-\$425 U.S. Roy Sawley, Box 174, Melfort, Saskatchewan, Canada S0E 1R0. (306) 752-4362

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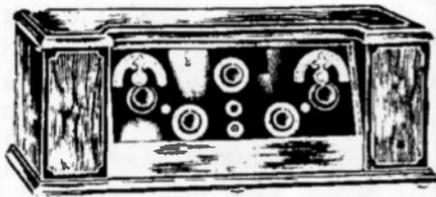
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**FOR SALE:** Atwater Kent, Model 72, chassis only (completely stripped) front panel with dial, 2 controls and 2 switches (see Flick of the Switch page 63)-\$75 plus shipping. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. E-mail: jipapo@juno.com

**FOR SALE:** 1947 Firestone 4A20, good wood table model, AM/SW, works-\$50 plus shipping. Jerry Wieland, 780 Charleston Ln., Hoffman Estates, IL 60195. (847) 934-1790. E-mail: Jerry\_Wieland@email.mot.com

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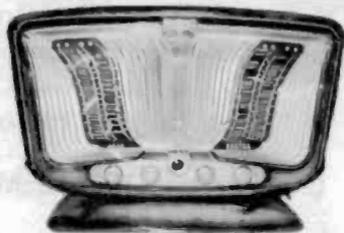
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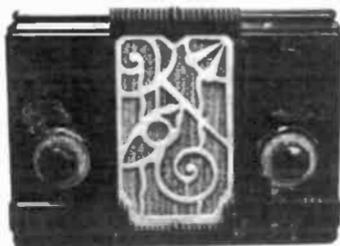
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**FOR SALE:** Zenith Royal 16, mini military telegraph key. Roland portable BC/SW, HP 34702A lab. spec. DVM & radio collection for sale. SASE. Randy Seifert, Box 45, Middle, IA 52307. (319) 622-3568. Fax: (319) 622-3461

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**FOR SALE:** Zenith R1000, mint - \$195. And thousands of electron tubes. Carl Duck, PO Box 1931, Hallandale, FL 33008. (305) 949-2644

**FOR SALE:** Zenith Royal 500s: white 500H - \$175; black hand-wired - \$100. Philco 52-548 - \$75. Eric Hayes, 1004 N. Mill St., #103, Naperville, IL 60563. (630) 579-0311

**FOR SALE:** Zenith T-O Royal 1000 - \$65. Aircastle 162F1 8-band portables, 3 - \$125. Grundig tube model AM/FM/SW 70s - \$30 n/r. Fomoco (Ford) tube type auto radio, needs repair - \$35. (2) Navy #ZM11U capacitance bridge, w/man. - \$35 ea. GE Model 806 TV, 1951? - \$200. Panasonic TR-3000P TV/AM/FM - \$65. Hallicrafters worldwide portable - \$125. Heath HW-16 transceiver - \$80. Kenwood TR-7625 2m transceiver - \$100. Sprague TO-3 - \$35; TO-5 - \$55. Pioneer punch boards - \$20 ea. QSL cards, 1930s-1960s, 4,500 + worldwide - \$125. Laboratory volt-amp-MA meter - \$45. All plus ship. Roger & Mary Ellen Ruddick, 33 Emily Ln., Ft. Myers Beach, FL 33931. Ph./fax: (941) 463-8887

**FOR SALE:** Sams' Photofact Deluxe Binder service info/schematic sets, Volumes #1, 2, 3, 6, 7, 8, 9, 10, 13, 15, 16, each approx. 3-4" thick - \$45 ea., three or more - \$40 ea. Heathkit WA-7 monoblock - \$125. Old Astatic mic with cast handle and grille, dead - \$40. Many pots, caps, tube sockets, mic connectors, guitar speakers, call or SASE. All plus shipping. **WANTED:** 10" Alnico guitar speaker, 4 ohms, trades? C.J. Poulos, 29 Doubleday Rd., Columbia, CT 06237. (860) 228-7680 to 9 pm. Fax: (860) 228-7681, anytime. E-mail: TbStkBgje@aol.com

**FOR SALE:** Crystal sets, Steinite - \$260, Bestone - \$145, Philmore Lil' Wonder - \$85, Stanford - \$220. Dick Kowalski, KB6MR, 32823 Gloede Dr., Warren, MI 48093. (810) 294-6831

**WANTED:** Zenith Trans-Oceanic A/C line cord recoil/retractor used on various T-O models. Need a good whole bolt-on assembly with the A/C line cord attached. Jeff Hoskins, 824 E. Madison Ave., Stuart, FL 34996. (561) 283-2291, after 7 pm EST

**WANTED:** Schematic & alignment data for Raytheon Model GM-114A direction finder. Also ocean cable telegraph items. Robert Enemark, W1EC, PO Box 1607, Duxbury, MA 02331. (781) 934-5043

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**WANTED:** Westinghouse wall clock reading "Listen...and you'll buy a Westinghouse radio." Motivated buyer. Robert McEntire, 119 Saint Marks, Sugar Land, TX 77478. (713) 881-5422

**WANTED:** Heathkit Mod AA-161, AA-13, 14-watt mono amplifier, any condition. Jerry Cottingham, Box 251, Medina, TX 78055. (830) 966-3713, no collect calls

**WANTED:** Elenco 25 MHz scope, dual trace with manual and probes, used twice - \$200 plus UPS. Daniel Seidler, 3721 W. 80 St., Chicago, IL 60652-2415. (773) 284-8221

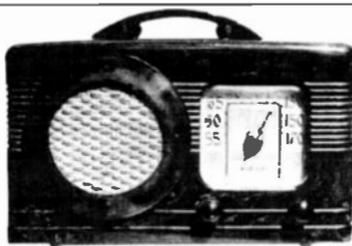
**WANTED:** Rack mounting tabs for Crown IC-150 preamp. Ed Trombley, 1774 Jeffery Rd., Jonesville, MI 49250. E-mail: ET&T@mun-reese.com

**WANTED:** TV signal boosters, especially by Turner, Oak, Masco or Telekit. Mark Nelson, 17 Wentworth Rd., Natick, MA 01760. E-mail: aj2x@aol.com

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

**WANTED:** AKG BX10 studio reverb. Pacific recorder FM multimax. Micro-Trak turntables. Thanks. John Sampson, 75 Glenwood Dr., Leominster, MA 01453. (978) 537-0092. E-mail: sampsonj@massed.net

**WANTED:** Detrola chairside, grandfather clock, TV, FM, any Deco black/chrome wooden Detrola products. Dennis Smith, KN8H, Box 113, Trenton, MI 48183. (734) 675-5847



**WANTED:** Motorola Catalins. I have been commissioned by the Almighty Himself to gather as many of these wonderful jewels for preservation before judgment day is upon us. Forsake these worldly objects before it's too late! I pay cash. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Large Amperex tube manual from the late 1960s. Also odd or unusual tube types. Will pay \$200 for Eimac 500T tube. John H. Walker, Jr., 11015 W. 126th Ter., Overland Park, KS 66213. (913) 782-6455. E-mail: johnh.walker@alliedsignal.com

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

**VACUUM TUBES WANTED**

**(920) 208-0353**

(All tubes are subject to testing and inspection)

**WESTERN ELECTRIC:**

VT-2 / 205A/B \$225 NOS, \$110 used  
VT-52 \$140 NOS, \$75 used  
101D / 101F \$175 NOS (TB)  
101D / 101F \$40 NOS (ST)  
102D / 102F \$175 NOS (TB)  
102D / 102F \$35 NOS (ST)  
205D/E \$420 NOS, \$275 used (TB)  
211A/D/E \$275 NOS, \$140 used  
212A/D/E \$400 NOS, \$175 used  
231D / 349A \$50 NOS  
242A/B/C \$200 NOS, \$100 used  
252A \$1100 NOS, \$650 used  
261A \$150 NOS, \$75 used  
262A/B \$30 NOS, \$15 used  
264A/B/C \$25 NOS, \$13 used  
274A / 274B \$210 NOS, \$110 used  
275A \$90 NOS

300A / 300B \$850 NOS (engraved base)  
300B \$550 NOS (1950-60's)  
310A / 311A \$20 NOS  
33'A / 272A \$45 NOS  
348A \$75 NOS, \$35 used  
350B \$200 NOS  
352A \$25 NOS, \$13 used  
412A / 418A \$10 NOS  
417A / 420A / 5755 \$10 NOS  
421A / 422A \$35 NOS  
437A \$30 NOS

**US & EUROPEAN TUBES**

2A3 RCA \$42 NOS, \$20 used  
2A3 (Single Plate) \$175 NOS, \$90 used  
10 Balloon \$70 NOS, \$35 used  
12A 112A Balloon \$25 NOS, \$13 used  
26-226 Balloon \$10 NOS, \$4 used

45/245 Balloon \$60 NOS, \$30 used  
50 Balloon \$200 NOS, \$110 used  
71A Balloon \$25 NOS, \$13 used  
80/282 Balloon \$28 NOS, \$13 used  
211 RCA / United \$110 NOS  
800, 808 \$40 NOS  
845 \$160 NOS, \$80 used  
5691 Red Base \$18 NOS, \$10 used  
5692 Red Base \$35 NOS, \$18 used  
6550 Tungsol \$60 NOS (ST)  
7591A \$30 NOS, \$15 RCA used  
6L6GC RCA \$22 NOS  
12AX7 Telefunken \$15 used  
EL34 Mullard \$60 NOS, \$30 used  
EL37 Mullard \$60 NOS, \$30 used  
KT66 Genalex Mullard \$70 NOS  
KT77 Gold Lion/GEC \$120 NOS  
KT88 Gold Lion/GEC \$150 NOS

**NOS= New Old Stock  
in original boxes**

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Email tekman@tubeworld.com

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LOT SALES!**

**Please write or call if you  
have any questions**

**FOR SALE:** 1922 Amrad 2596/2634 DoubleDecker, all original, excellent condition, missing 1 nameplate and w/o tube screens - \$1,200. Andrew Mooradian, 5 Priscilla Ln., Winchester, MA 01890. (781) 729-1873, after 7 pm

**FOR SALE:** Antique radios, consoles and table models, most in working condition. SASE for list. Bob Dunn, 41 Dell Ave., New London, CT 06320

**FOR SALE:** RCA tube manuals 19, 22, 28, 29. GE transistor manual 7 - \$60 all. Aaron Krueger, 3719 Woodland Ridge Rd., Wausau, WI 54403. (715) 675-6674

**FOR SALE:** Zenith Royal 1000 Trans-Oceanic - \$95. Sony TR-610 - \$80. Channel Master 6506 with box - \$20. Harry M. Books, Jr., W3PSU, 699 Red Mill Rd., Eters, PA 17319. (717) 938-6694

**FOR SALE:** From Atwater Kent to Zenith. Original attorney copies of radio patents (1902-1941). E-mail or SASE for list. Repro knobs for your Deco Majestics (461, 463 & all the smart sets!) Other Grigsby-Grunow Majestic parts available include: spray shield tubes, IF & pwr xfms, tech info too. 99% complete collection of Radio News & Radio Craft. Accepting offers by the decade or by year. Partial trade accepted for the following: **WANTED:** Issues of The Radio Weekly magazine, Radio & Electrical Appliance Journal, Talking Machine, Radio Retailing 1924-1939. Majestic, Grunow & Rogers/Majestic advertising/promotional items. Radios: Majestic models: 54A, Mayfair, Majestic international models M204, 422, 521. Grunow models: 410, 502A, 510, 592, 594, 654. Grunow chassis 4A, 4C, 5A & 11H. Rogers (Canadian) 1932-1936 radios. Can pick up or deliver to Lansing, Elgin or Rochester. Chip Taylor, 2223 53rd St., Sarasota, FL 34234. (941) 713-6000, 6 am-6 pm

**FOR SALE:** Zenith Royals: #710 - \$25; #810 - \$30; #755 - \$40. Zeniths: #5GA1 - \$30; #4F-40 - \$40. RCAs: #RVV274 - \$20; #16X3 - \$50. Philco #D655-123 - \$50. GE Models: #60C - \$30; #E-71 - \$125. Airline #62-177 - \$125. Silvertone #132-818-1 - \$45. Hickock tube tester #540 - \$70. Triumph tester #440 - \$40. All plus shipping. Charles Boller, 3108 N.W. 91st St., Seattle, WA 98117. (206) 782-8318

**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 Irena, 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>.

**FOR SALE:** Zenith Trans-Oceanic A600L, tan leather, rare, vg - \$350. Ted Demski, 5806-225 Pl. SW, Mountlake Terrace, WA 98043. Ph./fax: (425) 778-7100

**FOR SALE:** Bogen MU-10 tube amplifier, as-is - \$35. Remler condenser mike - BO. Pick-up only. Earl Ladendorf, N9LIK, 208 S. Columbia St., New Auburn, WI 54757. (715) 237-2633

**FOR SALE:** Heath CR-1 crystal set, unbuil, complete - \$85. Baldwin headphones - \$40. 1950s tube encyclopedia - Call W. Harder, 911 W. Northrup St., Lansing, MI 48911-3646. (517) 882-2303

**FOR SALE:** Kenwood TS-520SE transceiver, AT200 antenna tuner, 520 remote VFO, extras, all - \$450. OBO. Bub Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

**FOR SALE:** Thomas Edison W250 William & Mary diamond disc phonograph - \$650. Gem roller organ w/ 10 cobs - \$375. Johan Acciavatti, PO Box 806, Upton, MA 01568. (508) 476-3229. E-mail: [pahan@empire.net](mailto:pahan@empire.net)

**FOR SALE:** 55c LSASE for list of new/used receiving/transmitting tubes. Sell or trade for old or unusual tubes or related material for my collection. John H. Walker, Jr., 11015 W. 126th Ter., Overland Park, KS 66213. (913) 782-6455. E-mail: [johnh.walker@alliedsignal.com](mailto:johnh.walker@alliedsignal.com)

**FOR SALE:** Heathkit SO-4226 25 MHz dual trace oscilloscope - \$150. HP200CD oscillator - \$78. Eico 955 in circuit capacitor tester - \$33. Much more. List, LSASE or via e-mail. Kirk Ellis, KK4YP, 203 Edgebrook Dr., Pikeville, NC 27863. (919) 242-6000, eves. E-mail: [kirke@goldsboro.net](mailto:kirke@goldsboro.net)



**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, Seiberger or Trueteon. 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](mailto:jondel1651@aol.com)

**WANTED:** N.O.S. tubes: 6CM3, 6AN8, 6BJ6, 6BH6, and Sansui 1000 (not 1000A) receiver. John Lomas, 253 Elm Ave., Glen Riddle, PA 19063-5739. (610) 459-0186

**WANTED:** Obsessed collector pays top \$\$\$ for Art Deco, chrome front, mirrored, Catalin & Plaskon radios. Adam Schoolsky, PO Box 23162, Portland, OR 97281. (503) 579-1080. E-mail: Radios@ArtDeco.com

**WANTED:** Russian table and portable radios from the 40s, 50s and 60s preferably in good working condition. Louie Scribner, 150 E. Connecticut Ave., Southern Pines, NC 28387. (910) 695-8884 or e-mail: louie@pinehurst.net

**WANTED:** Steering wheel knobs for E15 Crosley radio or will buy junker sets. Henry Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. (732) 244-2345. E-mail: trabold@exit109.com

**WANTED:** Transmitting tube: DeForest 852 with metal base for the TNT transmitter on the web page <http://209.27.18.165/k2tqn/1935-TNT.htm>. John H. Dilks, K2TQN, 125 Warf Rd., Egg Harbor Twp., NJ 08234-8501. (609) 927-3873. E-mail: oldradio@worldnet.att.net

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

**WANTED:** Hiway hi-fi 16 2/3 rpm records, same size as 45s. Joe Nocera, 1222 Finch St., New Castle, PA 16101-4840. (724) 658-7805

**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) 852-8279

**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.

**WANTED:** Emerson L 559, chest type, 1932. Emerson 321 AW, oriental case design, 1933. Emerson 35, table, 1933. American Bosch 200 A, treasure chest, 1932. General Electric K 51 p, 1932. Pla Pal (Bunis 4, p. 167). Neutrowound very low metal blue case, 1927. Jackson Bell 62, cathedral, 1930. Jackson Bell Peter Pan, cathedral. Jackson Bell Swan, cathedral. And every type 1933 older. Berti Benis, Via Franchini 60, 40026 Imola, Italy. Fax: 011-39-542-600108. E-mail: ED797@mail.crown-net.com

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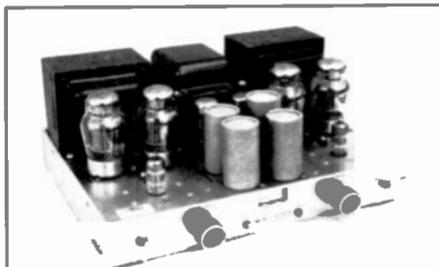
*Your payment helps to keep A.R.C. healthy!*

**WANTED:** Mitchell radios and appliances. Many models still needed (but not bedlam or tall clock radios). Lee Mitchell, The Mitchell Collector, 175 E. Delaware, Ste. 8209, Chicago, IL 60611. (800) 869-7869. E-mail: toystoys@webtv.net

**WANTED:** NRI radio kits, unbuilt from the 1940s-1950s #1, 2 & 3, with manuals preferred. Will consider built-up if complete. Art Sabin, 315 Plymouth, Chicago, IL 60604. (312) 427-2737. E-mail: 7sabin@jmls.edu

**WANTED:** Fairbanks Morse console Model 9C or 12B preferred. Charles E. Patterson, 2621 Sweetwater Rd., SP #33, National City, CA 91950-7801. (619) 475-7141

**WANTED:** Jensen Alnico 5 concert series/special design speakers, magnet covers, bad cones are OK. George Weisel, 615 Pattee Canyon Dr., Missoula, MT 59803. (406) 549-2206



**WANTED:** Tube Hi-Fi components & personal 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 Modulators, 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

**FOR SALE:** Cathedrals, your choice - \$150. U.S. Apex or U.S. Gloritone 99A. Victor Marett, 3201 N.W. 18 St., Miami, FL 33125-1837. (305) 634-9569. E-mail: antonio1@gate.net

**FOR SALE:** Channel Master 6514 w/case, no ant. - \$45. Audio Technica phonograph (neat portable w/modern cartridge and mechanisms, no 4.5Vdc adaptor) Model AT770 Mister Disc - \$60. Majestic 5A410, Guild Spice Chest (missing one drawer), King 81 (nice big battery set), Altec Lansing Corp. N-2000-B dividing network (crossover unlt). Contact: Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508 or e-mail: wibrg@aol.com

**FOR SALE:** Plastic reproduction dial cover for hundreds of old radios, such as, Addison 2, Fada 1000, National 240D, Northern Electric 5000, Scott SLR, Zenith 8G005 - \$15 ppd. Doyle Roberts, HC 63 Box 236-1, Clinton, AR 72031. (501) 745-6690. E-mail: drob@artelco.com

**FOR SALE:** Altec horns and drivers. Also JBL horns and many adapters. Pair of E-120s. Russell Hulme, 3609 Country Club Rd., Duncan, OK 73533. Fax: (580) 255-5439

**FOR SALE:** Pro 2004 scanner, tabletop, high quality, 300 channel programmable, unblocked version with coverage to 1300 MHz, mint in box with manual. Pete Heim, PO Box 04765, Milwaukee, WI 53204. (414) 671-5689

**FOR SALE:** Detrola 568-13-221D - \$35. Emerson 517 - \$45, Emerson model ? similar to CQ289 - \$40. Hallicrafters: S38 - \$40, S38D - \$35, S94 - \$35, S120 - \$40. Mantola wood AM PB - \$40. Motorolas: 5X - \$85, 57X - \$45. Philcos: 40-90 clean battery set - \$30, 48-200 very clean - \$35. Zenith 4K616 battery w/boomerang dial, clean - \$45. Others LSASE, individual pictures on request. H.B. McMahan, 313 W. Shaw, Tyler, TX 75701-3029. (903) 593-5433. E-mail: hbmcc@juno.com

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**FOR SALE/TRADE:** Red Plaskon Sylvania 1102; Crosleys, D-25-CE - \$150; white 10-135; 1933 RCA R-18-W; Lafayette Explorair - \$125. Cub Scout crystal set - \$36. Pacific with tuning eye, Zeniths; 6S527, 6S539, Royal 1000, 3000. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (734) 421-2076, 10-12 am or pm

**FOR SALE:** Wilcox-Gay Recordio tube, mono tape recorder, complete, working - \$50. 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) 803-3050

**FOR SALE:** Old brown power supply, has toggle switch and uses UX-280 tube - \$25. Heathkit QF-1 Q multiplier w/manual - \$15. Richard Zintek, KC8JWE, 1195 U.S. 31, Grand Haven, MI 49417. (616) 842-2211

**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:** RCA table R/P 3-US-5, radio plays, nice cabinet, AC/DC - \$60 includes shipping. Leroy Neal, 603 Butterworth, Dyersburg, TN 38024. (901) 285-5120, after 8 pm CDT

**FOR SALE:** (4) CRT boosters - \$15/all. Sams TV Test Instruments, 1953 - \$9. 1977 U.S. Callbook - \$8. D.J. Minchella, KE2GE, 80 N. Campfire Rd., Henrietta, NY 14467. (716) 359-3337. E-mail: djmradionut@juno.com

**FOR SALE:** 15" speakers Altec 416-8B - \$100. (2) JBL D130 - \$90 ea. JBL D140F - \$100. EV LS-15 Wolverine - \$85. 12" Jensen S/D C12N - \$45. Ron McGee, 217 Crestbrook Dr., Jackson, MI 49203. (517) 789-6400

**FOR SALE:** Riders Radio 1-5 abridged, 6-21 - \$250. Pilot T-133, veneer damage - \$25. TEK Type 2B67 timebase, Type 3A1 dual trace amplifier - \$10 ea. Tek 551 scope manual - \$15. Riders 11, 13 - \$15 ea. Regency MR-33 monitoradio - \$30. Chassis for Stromberg 60 - \$30. RCA 220 - \$25. Crosley 77 - \$20. Philco 650X - \$25. 48-1262 - \$20. RCA 813K - \$30. Majestic 91 escutcheon - \$20. B&K Model 1460 scope - \$25. Valiant 4 transistor recorder 402 - \$20.

**WANTED:** Chassis for Emerson 25. Brian Kurrle, 2222 Nodleigh Ter., Jarrettsville, MD 21084. (410) 692-0450

**FOR SALE:** Zenith Technical Reference Manual. A cross reference for parts, model numbers, chassis numbers, serial numbers, and dates from 1928 to 1942. A must for restorers and collectors. Write or call for free flyer. DH Distributors, PO Box 48623, Wichita, KS 67201-8623. (316) 684-0050, v/f

**(818) 786-2500**



**WANTED:** DeForest unit panels. These are 4 1/2 inch square Bakelite panels with various radio components mounted on them. Also need Murdock transmitting condensers for old spark transmitter. Dick Bury, PO Box 25, Gurnee, IL 60031. (847) 623-7746. E-mail: pabury@aol.com

— 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:** DeForest 433 through 440 tubes, Westinghouse WL-461, Taylor 833, duds OK. John H. Walker, Jr., 11015 W. 126th Ter., Overland Park, KS 66213. (913) 782-6455. E-mail: johnh.walker@alliedsignal.com

**WANTED: All types of crystal sets. Toy, old, rocket, novelty, pocket. And old advertising thermometers, Curta calculator. The Crystal Radio Guy, Galen Feight, 3104 S.E. 20, Portland, OR 97202. (503) 231-9708. E-mail: GFeight@aol.com**

**WANTED:** Cabinet for 25 tube Zenith Stratosphere, or complete rough set, will pick up. (15) E.H. Scott consoles for sale including a late run 23 in a Waverly Grande with the original phono. **FOR TRADE:** FM converter for the Phantom and also for Philharmonic. Owner's manuals and service manuals for most E.H. Scott radios. Call for info. We accept Visa, Mastercard and Discover. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489 or note new #fax only (612) 821-4821, 8 am to 6 pm Mon-Sat. E-mail: mte612@aol.com

**WANTED:** Zenith 6" speaker/2125 ohms field coil; 8" speaker/1000 ohms field coil. Ralston Bailey, Rt 1 Box 479, Benton, TN 37307. (423) 338-5923

**WANTED:** Philips-Norelco AM-FM Deluxe (AM-FM-SW) Type 6X3ST/54, 22LR798/44 with power-supply transformer, instruction booklet, aligned, working. Thanks. A. Shery, PO Box 1051, Riverdale, NY 10471



**WANTED:** Emerson Catalin radios. Would you believe that my mother's last request is that I gather every known example of this radio ever made I guess she wanted me to suffer a long time. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Zenith Model A or AH cathedral, Walton's tombstone, Midwest radios and advertisements, manuals. Kevin Floyd, 12414 S.W. 72nd Ave., #532, Tigard, OR 97223. (503) 598-1931

**WANTED:** Grille and tuning wheel for Penney's 6TP-408 transistor radio. Al Wirtenberg, 15 Wilson Rd., Weston, CT 06883. (203) 544-9270. E-mail: mswaw@mail.snet.net

**WANTED:** Philco Model 4 shortwave converter. Tim Dugan, 415 N. White Oak, Marshfield, MO 65706. (417) 859-5710. E-mail: tdugan@fidnet.com



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Block of rooms available at \$79 single or double.

Room reserv. cutoff date: May 25 (Group MWI).

**Huge** flea market beginning at 6 p.m. June 17, auction, banquet (talk: History of the Dumont TV Network), two radio service classes.

Pre-register and save. Fee includes spouse and children. (No pre-registration confirmation mailed)

MAARC PROUDLY ANNOUNCES:

## RadioActivity 99!

June 17-19, Calverton, MD

- Registration mailed on or before June 3: \$4
- Registration after June 3 or at the door: \$8
- Each flea market space: \$10
- Banquet buffet: \$20/person or \$35 per couple
- Two hands-on radio repair classes, beginner and advanced, limited to 1st 20 people, \$15 each
- Bus tour to Radio History Society Museum, \$5

*Mail registration check made out to MAARC to:*

Brian Belanger

5730 Avery Park Drive

Rockville, MD 20855-1738

(301) 258-0708 Fax: (301) 947-3338

E-mail: bcbelanger@aol.com

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>

**FOR SALE:** Dumont teletest Model RA 109-A-3 chassis, fts several Dumonts - Free, you pick up or pay shipping. Sylvania Halolight Silhouette, blond w/stand, top slides back to show controls, this is the one everyone seems to want - \$900. Philco Predicta Danish modern 4730, full restored - Call for details. Philco Predicta 3408 17" table top, not running, complete - \$500. Predicta 4710 tandem, not running, complete - \$850. Philco Predicta poster! 19 1/2 x 12 1/2, shows all 17" table tops & 21" table tops, BW - \$27.50 ppd. All prices plus UPS. David Weddington, 2702 Albany Ct., Murfreesboro, TN 37129. (615) 890-7498

**FOR SALE:** Grundig tube table models, both like new, 2320, 2520 - \$200. Thanks. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (323) 661-1221

**FOR SALE:** Clandestine WWII miniature comm. rec. Type M.C.R.I., complete in original tin box - \$650. B2 spy TX/RX, complete in original parachute drop containers. Two early German military comm. Rxs (1930, one 4 w/band, other 10 w/band). Jim Taylor, G4ERU, No. 5 Luther Rd., Bournemouth, England BH9 1LH. Tel/Fax: 44(0) 1202-510400

**FOR SALE:** New! Toothed drive belt for the Zenith 7000 - \$5 plus \$1.50 shipping; Rescreened original dial masks for 1938 and 1939 shutter dials, call. Rubber gasket for dial glass for Zenith and other brands - \$3 per foot. Brass inserts for 1942 Zenith knobs and Trans-Oceanics - \$5 each or 2 for - \$8. Also H500 and 600 T-O knobs with inserts - \$15. We stock a large selection of fine repro grille cloth. Lucite dial lens for the 1942 Zeniths - \$16. Repro arms for your RCA chrome chair, pair - \$60. Call for details. Universal dial belt kit - \$8.95 ppd. Complete speaker repair, call. Send for free catalog. Visa, Discover and Mastercard accepted. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489 or note new #fax only (612) 821-4821, 8 am to 6 pm Mon-Sat. E-mail: mte612@aol.com

**FOR SALE:** Mikky phone Type #600, Osaka, Japan, portable miniature wind up Victrola, offers or info. Tape recorders, Morse A/C, Starlite D/C RA-11, 4 transistor complete packagings, both made in Japan. Zenith 6-S-52 - \$170. Lots of plastic and wood radios and stuff available, all offers considered. NASE or call: Matt Hussey, 8 Capitol Cir., Rochester, NH 03867. (603) 332-9927

**FOR SALE:** Farnsworth ET-069 - \$60. Emerson 541 - \$70. Automatic 613X - \$100. Aircastle - \$100. Dewald C-800 - \$65. Belmont A6D110 ivory - \$100. Philco 3812 - \$60. Philco 42KR5 ivory - \$80. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200

#### 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:** 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. GE Model 45 AM/FM/SW console from the late 40s, custom blond signed cabinet created Brown-Saltman of California. 16 tubes with a 4x6V6 power amplifier. Stromberg-Carlson Model 150-L. Console radios from Zenith, RCA, GE, American Bosch, Philco. **WANTED:** 17DKP4, 17DMP4 or 17DYP4 picture tube. Anderson Electronics, 95 North Central Ave., Mechanicville, NY 12118. (518) 664-9555. E-mail: alcomm@ix.netcom.com

**FOR SALE:** Detrola SW metal - \$75. German militester - \$85. Trans-Oceanic B600 - \$125. Zenith G723. Cathedral sprk - \$100. Sentinel 118BT - \$85. Zenith 275, 707, or 700 - \$35. Ernest Odeanel, K5QJF, 2710 Lee St., Greenville, TX 75401. (903) 455-2113 or 5700

**FOR SALE:** Tubes, tubes, tubes, new old stock and good used-tested tubes. I have everything from OC3 to 300B. Telefunken, Mullard, Amperex, and Western Electric. Let me know what you need!!! Steve Harrell, 1179 Boylston #30, Boston, MA 02215. (617) 549-3962. Fax: (617) 236-5659. E-mail: tubetown@quik.com

**FOR SALE:** Delco Mod R1141 A/O/N/D @ 9P - \$85. S/Carlson Mod 920H @ 9P - \$125. Pilot Mod B1 bnake @ 9P - \$110. Portables: Motorola Mod 56L3 (chassis #5534) - \$20; GE Mod LB702 w/handle chassis clean - \$25. Chassis: Earl for Mod 21 or 22 w/dial - \$25. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: (413) 245-0441

### NEW QUALITY CAPACITORS:

Volt 630 Axial Leads			
Part Number	Value (UF)	*Price/25	**Each
.001-630-AL	.001	\$ 6.00	24¢
.0047-630-AL	.0047	\$ 6.25	25¢
.0068-630-AL	.0068	\$ 6.35	25¢
.01-630-AL	.01	\$ 6.50	26¢
.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

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

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

To order, Send Check or Money Order to:

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**FOR TRADE:** My nice transistor radios, crystal sets, for your mini reel wire and tape recorders. Jon Golder, Box 5077 Wayland, MA 01778. (508) 653-4140. E-mail: 3dman@ziplink.net

**FOR TRADE:** Catalins and Amplions. **WANTED:** See my April ad p. 75 (anyone read it?). Ted Hutson, 11 1/2 Winthrop Ave., Beverly, MA 01915. (978) 922-3405. E-mail: tedhutson@yahoo.com

**FOR TRADE:** My (15) N.I.B. 6AD6/6AF6 for your N.I.B. 6A7 or 75, one for one. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

**FOR TRADE:** My old radios, gramophones, for your old, new, broken pool cues. Mr. Wheeler, 55 Orchard St., Leominster, MA 01453-3129. (978) 534-8965

**FOR TRADE:** Have a Model 537 Weston radio test:er which has the data in the cover for Servicing RCA Radiolas. Will trade for Model EK-1 Heath Manual: Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253

**FOR TRADE:** Slide rule, Hemmi, Bamboo, E.O. for Radio Manufacturers of the 1920s, Volume 1, hardcover. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Phone/fax: (440) 331-9206

**MESSAGE:** Visit Radiotiques at <http://nealsnet.pair.com> and get free dial cord stringing diagrams. Thanks. Jeffrey Goldstein, 4 Curry Ct., Wilmington, DE 19810. (302) 886-8071. E-mail: Jeffrey.Goldstein@Phwilm.zeneca.com

**MESSAGE:** Quitting business clearance. Still many radios left! SASE for 6+ pg. list. Ripley, Box 9374, N. St. Paul, MN 55109. (651) 777-6791

**MESSAGE:** Radio Yard Sale. Fifth annual spring blowout. Vintage radio and communication gear, old test equipment, tubes, parts and a whole lot more. May 15 & 16, 9 am to 5 pm. Rain date May 22 & 23, 9 am to 5 pm. Jim Koehler, 242 Guy Lombardo Ave., Freeport, NY 11520. (516) 623-0035

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

**MESSAGE:** Visit Retrocom virtual CB museum at [www.Retrocom.com](http://www.Retrocom.com). New Predicta pictures as well. Dave Mierzwinski, 13345 W. Dakota St., New Berlin WI 53151

**MESSAGE:** Come visit the restoration of King's Attic. All new auction items and program at [www.kingsattic.com](http://www.kingsattic.com)! James Fraley, PO Box 2846, Wilmington, NC 28402

**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. **FOR SALE:** 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 end 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:** Radio schematics & service data U.S. & Canadian receivers, 1920s to 1960s SASE + \$2.50. (Questions SASE.) Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. (732) 269-2022. Fax (732) 269-2897. E-mail: [srosenfeld@ems.att.com](mailto:srosenfeld@ems.att.com)

## ABBREVIATIONS USED IN CLASSIFIED ADS

### MISCELLANEOUS

amp = amplifier  
BC = broadcast  
BO = best offer  
ca. = circa (approx. date)  
ea. = each  
F.O.B. = free on board  
IB = instruction book  
LSASE = A Long SASE  
(see SASE)  
LW = long wave  
M.I.B. = mint in box  
MO = money order  
Mod = model  
N.I.B. = new in original box  
N.O.S. = new old stock  
(an original, unused vintage item)  
NT = no tubes  
OB = in original box  
OBO = or best offer  
P&H = postage & handling  
ppd = postage paid  
(shipping included)

PS = power supply, also  
"pwr sup"  
PU = pick up only  
rcvr = receiver  
SASE = self-addressed  
stamped envelope  
(send a long, #10,  
envelope)  
spkr = speaker  
SW = shortwave  
UPS = United Parcel  
Service  
vol. = volume  
w/ = with  
w/o = without  
WT = with tubes  
xcvr = transceiver  
xfmr = transformer  
xmtr = transmitter  
xstr = transistor  
xtal = crystal

### BOOKS USED AS REFERENCES

(V.R., p 30) means *Vintage Radio*, page 30  
**Blast** = *Radio - A Blast From The Past*  
**Bunis 1, 2, 3 or 4** = *Collector's Guide to Antique Radios, 1st, 2nd, 3rd or 4th editions*  
**Collins** = *Radios - The Golden Age*  
**Douglas V1, V2 or V3** = *Radio Manufacturers of the 1920s, Volumes 1, 2 or 3*  
**E.O.R. 1 or 2** = *Evolution of the Radio, Volumes 1 or 2*  
**F.O.S.** = *Flick of the Switch*  
**Grinder/Fathauer** = *Radio Collector's Directory and Price Guide*  
**G.O.R.** = *Guide to Old Radios*  
**Johnson's A.R.** = *Antique Radios - Restoration & Price Guide*  
**M.A.J.A.** = *Machine Age to Jet Age*  
**O.T.B.** = *Old Timer's Bulletin* published by Antique Wireless Association (AWA)  
**Sidell** = *Classic Plastic Radios*  
**V.R.** = *Vintage Radio*

### CONDITION

(If good or better, mention non-original parts)  
p = poor f = fair  
g = good vg = very good  
exc = excellent

A.R.C. does not encourage abbreviations except those listed here. Please spell out all other words. Special note for hams - most subscribers are not hams so we do not recommend ham-type abbreviations.

**SERVICES:** Everett Hoard & Frontier Capacitor will not accept any cans for rebuilding until September 1999. Frontier Capacitor, PO Box 218, 403 S. McIntosh St., Lehr, ND 58460. Our toll free phone number is: (877) 372-2341

**SERVICES:** Hand-wound plug-in coils for SW3s, Wasp, and Super Wasp. Contact: Tony LeDoux, PO Box 74, Schoenchen, KS 67667. (785) 625-6075

**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: Records custom-made. WANTED: Record cutting machines, processors, Ampex decks, jukeboxes, automotive record player. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 869-4963**

**SERVICES:** Quality radio schematics, Rider/Sams 1920-70 - \$3 ppd. Send make/model. Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94550. (925) 447-9365. E-mail: lerche@home.com

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

**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:** Repair/replacement meters prior 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. E-mail: lencartwright@msn.com

**SERVICES:** Dial covers! 250+ in stock or custom-make. Also reproducing plastic knobs! Rita Hutchings, PO Box 382331, Germantown, TN 38183-2331. (901) 754-5565. E-mail: radiorita@hotmail.com

**SERVICES:** Plastic dial covers for over 500 different old radios or can make you one. Doyle Roberts, HC 63 Box 236-1, Clinton, AR 72031. (501) 745-6690. E-mail: drob@artelco.com

**HAVE YOU MOVED? ARE YOU MOVING?  
PLEASE NOTIFY US A.S.A.P.  
SEND US YOUR...  
OLD ADDRESS  
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SUB #  
MANY THANKS!!!!**

**HELP:** Need spkr & field coil for Philco 48-482 or instructions to convert to mag. spkr. Bill Redner, 1 Lantern Ln., Marlton, NJ 08053. (609) 983-0876

**HELP:** Looking for complete or incomplete Atwater Kent drivers for Models G, H, L, M or Pooley horns. Mark Murphy, 1400 Chicago Ave. #802, Evanston, IL 60201. (847) 328-5036. E-mail: PiscoCal@aol.com

**HELP:** Need dimensions or tracing of raised panels on RCA 115 cabinet. Bob Rosengarten, 1448 Lebanon, Clarksville OH 45113-9711. E-mail: brose@erinet.com

**HELP:** Need working 6-tube RCA catacomb. Will buy radio with working catacomb. Cliff Huff, 2215 Ridgewood, Carrollton, TX 75006. (972) 416-7713

**HELP:** Need brochure picture or photo of Abbottwares racing horses radio to repair horse's tail. Del Loughlin, 760 Fox Glen Rd., Sandpoint, ID 83864. (208) 265-5066

**HELP:** Need alignment information for Zenith R7000, also Hallicrafters S-120-A. Pay your price. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9. (780) 434-6257. E-mail: wilsons@freenet.edmonton.ab.ca

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**HELP:** Need schematic and or information for Jackson tube tester Model 436-A. Charles Ahr, 2291 Sylveld Ln., Cincinnati, OH 45238

**HELP:** Researching Heintz-Kaufman Ltd. of San Francisco. Catalogs? Former employees? Any info regarding involvement in building radio apparatus for the Byrd Antarctic expeditions. Any help greatly appreciated. Charles A. Ochs, PO Box 715, Woods Hole, MA 02543. (508) 457-9220

**HELP:** Need schematic and manual copy for Federal Model 61. Thanks. John Pansing, 600 Tail Rd., Dayton, OH 45429. (937) 299-0210

**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:** Need cover plate for buttons on tone side (left side) Crosley 106 CP radio. Or will buy whole faceplate. Thanks. Joe DeBari, 194 Ramah Church Rd., Barnesville, GA 30204. (770) 358-0798

**HELP:** Need electrical parts, bottom cabinet board, instruction manual, Grebe CR-5. Larry Porter, 4115 Beam Rd., Crestline, OH 44827. (419) 683-2540

**HELP:** Need Radio Receptor Co. IF transformer, Type RF-1716. Dud acceptable. Gary Alley, 7100 Constantine Ave., Springfield, VA 22150. (703) 569-8964. E-mail: alleygj@erols.com

**HELP:** Need schematic for Magnavox AM/FM radio Model 3FM0210. J. Jones, Rt. 2, Box 120E, Norlina, NC 27563

**HELP:** Still looking for information regarding Amertran transformers from the 20s and 30s. Tracy Sands, 8850 Walker St., Cypress, CA 90630. (714) 527-5728

**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 4 knobs and metal band selector for Crosley Model 635 table radio. Lowell Muehlbrandt, 45973 Donahue, Macomb, MI 48044. (810) 263-4911



### **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

### **TEXAS - Apr. 30-May 1**

**HOUSTON VINTAGE RADIO ASSOC.  
MEGA AUCTION**

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

**Fri.:** 6:30 pm - Auction

**Sat.:** Noon - Auction

Info: Bill Werzner - (713) 721-2242

### **CALIFORNIA - May 1**

**CALIF. HISTORICAL RADIO SOCIETY  
MEET/AUCTION**

Los Altos Hills, CA - Foothill College, Lot "D"  
8 am

Info: CHRIS Hotline - (415) 821-9800

### **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

### **NEBRASKA - May 2**

**NE. ANTIQUE RADIO COLLECTORS CLUB  
MEETING - 2 PM**

Lexington, NE - KRVN Studios

Info: Steve Morton, 905 W. 1st  
North Platte, NE 69101

**MENTION A.R.C.  
WHEN CONTACTING CLUBS!**

### **NEW YORK - May 2**

**GREATER NEW YORK VINTAGE  
WIRELESS ASSOC. - SWAP MEET**  
Lake Ronkorkoma, NY - 367 Hawkins Ave.

8 am-Noon

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

### **OHIO - May 2**

**BUCKEYE ANTIQUE RADIO & PHONO CLUB  
SPRING SHOW**

Brunswick, OH - Brunswick Public Library  
1:30 pm-4:30 pm

Info: Kevin Grimm - (330) 928-8341

### **VIRGINIA - May 5**

**TIDEWATER ANTIQUE RADIO ASSOC.  
MEETING - 7 PM**

Call for location & directions

Info: Vic Johnston - (757) 825-0757, eves.  
Scott Balderston - (757) 549-0443, eves.

### **ARKANSAS - May 6**

**ANTIQUERADIO COLLECTORS CLUB  
OF FORT SMITH  
MEETING - 7:30 PM**

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

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

### **ILLINOIS - May 8**

**VINTAGE RADIOS/ACCESSORIES  
ESTATE SALE - 10 AM**

Anna, IL - Martin Auction Co.

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

### **FLORIDA**

**SO. FLA. ANTIQUE RADIO COLLECTORS  
NEW CLUB FORMING**

First Meeting May 1999

Suggestions for Meeting Place Needed

Info: Thomas Valenti, 1717 N. Bayshore Dr.,  
#1549, Miami, FL 33132 - (305) 373-7372

## **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

## **OREGON - May 8**

### **NORTHWEST VINTAGE RADIO SOCIETY MEETING**

Oregon City, OR - Abernethy Grange Hall  
15745 S. Harley Ave.

10 am

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

## **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 - 3 PM**

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

**SUBMISSION DEADLINE: 5th OF MONTH**

## **GEORGIA - May 10**

### **SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL.**

Norcross, GA - Picadilly Cafeteria  
3400 Holcomb Bridge Road

6:30 pm

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

## **MISSOURI - May 11**

### **ANTIQUA 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

## **OHIO - May 11**

### **ANTIQUA 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**

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

7 pm

Info: Tom Burgess - (501) 455-0773

## MARK YOUR CALENDAR

Apr. 27 - OH, Kettering - SPARK Meeting  
Apr. 30-May 1 - CA, San Luis Obispo - MRCG Meet  
†Apr. 30-May 1 - TX, Houston - HVRA Mega Auction  
May 1 - CA, Los Altos Hills - CHRS Meet & Auctic.1  
May 1 - WA, Seattle - REPS Meeting  
May 2 - NE, Lexington - NARCC Meeting  
May 2 - NY, Lake Ronkonkoma - GNYVWA Swap  
May 2 - OH, Brunswick - BARPC Spring Show  
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 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 14-16 - OH, Dayton - Hamvention  
May 15 - CA, Valencia - SCARF Meet  
May 15 - NC, Grimesland - ECARC Radiofeast '99  
May 15 - PA, Danville - CPRCC Swap Meet  
May 15 - PA, Kutztown - Radio Meet  
May 15 - TN, Memphis - MARC Spring Swap Meet  
May 15 - TX, Irving - VRPS Meet  
May 16 - CO, Denver - CRC Meeting  
May 16 - IL, Manchester - ARCH Spring Picnic  
May 16 - MD, Burtonsville - MAARC Meeting  
May 16 - WA, Seattle - PSARA Swap Meet  
May 18 - CA, Sacramento - CHRS-Sac. Meeting  
May 19 - OH, Cincinnati - CARS Meeting  
May 19 - OH, Columbus - COARA Meeting  
May 20 - NY, Hudson Valley - HARPS Meeting  
May 22 - FL, Orlando - FAWG Meet  
May 22 - NC, Spencer - CC-AWA Spring Swap Meet  
May 22 - OH, Medina - Estes Auction  
May 22 - TX, Kyle - TARC Meeting  
May 23 - British Columbia - CVRS Chapter Meeting  
May 25 - OH, Kettering - SPARK Meeting  
May 29 - Ontario - LVRC Meeting  
Jun. 2 - VA, TBA - TARA Meeting  
Jun. 3 - AR, Fort Smith - ARCCFS Meeting  
Jun. 3-5 - IN, Indianapolis - IHRS/AWA Spring Fling  
Jun. 5 - CA, Escondido - SCARS Swap Meet  
Jun. 5 - CA, San Rafael - CHRS Meet  
Jun. 5 - CT, Hartford - VRCM Swap  
Jun. 5 - WA, Seattle - REPS Meeting  
Jun. 6 - NY, Freeport - FHS Old Time Radio Festival  
Jun. 6 - NY, Lake Ronkonkoma - GNYVWA Swap  
Jun. 6 - WI, Hubertus - WARC Swap Meet  
Jun. 8 - MO, Kirkwood - ARCHGSL Meeting  
Jun. 8 - NC, Greenville - ECARC Meeting  
Jun. 8 - OH, Kettering - ARCO Meeting  
Jun. 8 - PA, Telford - DVHRC Meet & Auction  
Jun. 10 - AR, Little Rock - AARC Meeting  
Jun. 11 - NJ, Freehold - NJARC Meeting  
Jun. 12 - MD, Bowie - RHS Museum Opening  
Jun. 12 - OK, Oklahoma City - OKVRC Meeting  
Jun. 12 - OR, Oregon City - NWVRS Meeting  
Jun. 12 - RI, Greenwich - Yankee Tune-up  
Jun. 13 - IL, Wheaton - Six Meter Club Hamfest  
Jun. 13 - MS, Meridian - MHRBS Meeting  
Jun. 13 - NM, Albuquerque - NMRC Meet  
Jun. 14 - GA, Norcross - SARS Meeting  
Jun. 17 - Austria, Vienna - Dorotheum Auction

## MARK YOUR CALENDAR

(Continued from bottom left column)

Jun. 17-19 - MD, Calverton - MAARC RadioActivity  
Jun. 19 - CA, Merced - CHRS Meet  
Jun. 20 - IL, Elgin - ARCI Meeting  
Jun. 25-26 - OH, Cincinnati - CARS RadioRama '99  
Jun. 25-26 - WA, Seattle - REPS Showcase VII  
Jul. 8-11 - MI, Lansing - MARC 14th Extravaganza '99  
Jul. 24 - NH, Nashua - NEARC Meet  
Aug. 4-7 - IL, Elgin - ARCI Radicfest XVIII  
Sep. 1-4 - NY, Rochester - AWA Meet  
Oct. 23 - NH, Nashua - NEARC Meet  
See expanded listing for many of these events  
† = Changed Date

## MINNESOTA - May 14-15

### NORTHLAND ANTIQUE RADIO CLUB RADIO DAZE '99

Plymouth, MN - Comfort Inn  
3000 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 Vcurtis - (732) 446-2427

## OHIO - May 14-16

### DAYTON HAMVENTION

Dayton, OH - Hara Arena

May 14: Flea Market - 8 am-6 pm; Inside - 10 am-6 pm

May 15: Flea Market - 7 am-5 pm; Inside - 8 am-5 pm

May 16: Flea Market - 7 am-1 pm; Inside - 8 am-1 pm

Info: Hamvention, PO Box 964  
Dayton, OH 45401 - (937) 276-6930  
[www.hamvention.org](http://www.hamvention.org)

## CALIFORNIA - May 15

### SO. CALIF. ANTIQUE RADIO FEST - MEET

Valencia, CA - Valencia Travel Village  
27946 Highway 126

6 am-10:30 am

Info: Jerry Simpson - (805) 251-7829  
Phil Rheinschild - (805) 583-1121

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

## **N. CAROLINA - May 15**

### **EAST CAROLINA ANTIQUE RADIO CLUB RADIOFEAST 1999**

Grimesland, NC - E. Carolina Radio Museum  
Parking Lot - 7602 Pitt St.

8 am-3 pm

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

## **MARYLAND - May 16**

### **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

## **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

## **MISSOURI - May 16**

### **ANTIQUA RADIO COLLECTORS & HISTORIANS**

#### **SPRING PICNIC & SWAP MEET**

Manchester, MO - Paul Schroeder Park  
Old Meramac Station Rd.

9 am - Swap Meet

11:30 am - Lunch

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

## **PENNSYLVANIA - May 15**

### **KUTZTOWN RADIO MEET - 7 AM**

Kutztown, PA - Renninger's Antique &  
Farmers Market

Info: Steve Wallace - (610) 944-7230  
Dan Dewald - (610) 683-6848

## **WASHINGTON - May 16**

### **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

## **TENNESSEE - May 15**

### **MEMPHIS ANTIQUE RADIO CLUB SPRING SWAP MEET**

Memphis, TN - Mid-South Fairgrounds  
Central Ave. & East Pkwy. South

8 am-6 pm

Info: Bill McGroom - (901) 362-7861

## **CALIFORNIA - May 18**

### **CALIF. HISTORICAL RADIO SOCIETY SACRAMENTO CHAPTER MEETING**

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

7 pm

Info: CHRIS Hotline - (415) 821-9800

## **TEXAS - May 15**

### **VINTAGE RADIO & PHONO SOCIETY MEET - 8 AM**

Irving, TX - Senter East Bld.

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

## **OHIO - May 19**

### **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

## **COLORADO - May 16**

### **COLORADO RADIO COLLECTORS MEETING - 1 PM**

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

Info: Larry Weide - (303) 758-8382

**MENTION A.R.C. WHEN CONTACTING CLUBS!**

A free\* listing on these pages is available for each coming 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. Submission deadline - 5th of month. \*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 - May 19

### CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Norwood, OH - ITT Technical Institute  
4750 Wesley Ave.

7:30 pm

Info: Greg Tierney - (937) 732-1844

## NEW YORK - May 20

### HUDSON VALLEY ANTIQUE RADIO AND PHONO. SOCIETY- MEETING

7:30 pm - (Call to confirm details)

Info: Peter DeAngelo - (914) 496-5130

## FLORIDA - May 22

### FLORIDA ANTIQUE WIRELESS GROUP MEETING

Orlando, FL - VFW Hall  
4444 Edgewater Dr.

8:30 am

Info: Dennis Williams - (407) 740-5581

## N. CAROLINA - May 22

### CAROLINA CHAPTER-AWA SPRING SWAP MEET

Spencer, NC - N. Carolina Trans. Museum  
Spencer Shops

8 am-Noon

Info: Ron Lawrence - (704) 298-1166

## OHIO - May 22

### ESTES AUCTIONS VINTAGE RADIO AUCTION

Medina, OH - Seville Antique Auction Barn  
8240 Wooster Pike Rd.

10 am

Info: Estes Auctions, 7404 Ryan Rd.  
Medina, OH 44256 - (330) 769-4992

## TEXAS - May 22

### TEXAS ANTIQUE RADIO CLUB MEETING

Kyle, TX - Railroad Bar B Q

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

## BRITISH COLUMBIA - May 23

### CANADIAN VINTAGE RADIO SOCIETY BRITISH COLUMBIA CHAPTER MEETING

Richmond, BC - Steveston Hotel

Info: Fred Tutt - (604) 275-2033

## OHIO - May 25

### SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE MEETING - 7:30 PM

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

Presentation: Secret Life of Television

Info: PO Box 482, Dayton, OH 45449

E-mail: sparkinc@juno.com

## 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

## VIRGINIA - Jun. 2

### TIDEWATER ANTIQUE RADIO ASSOC. MEETING

Call for location & directions

7 pm

Info: Vic Johnston - (757) 325-0757, eves.  
Scott Balderston - (757) 549-0449, eves.

## ARKANSAS - Jun. 3

### ANTIQUARIAN 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

## INDIANA - Jun. 3-5

### INDIANA HISTORICAL RADIO SOCIETY 28TH ANNUAL REGIONAL SPRING FLING

Indianapolis, IN

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

Thu.: Noon-6:30 pm - Flea Market  
8 pm - Movies/Videos

Fri.: 7:30 am-6 pm - Flea Market  
9 am-1:30 pm - Old Equipment Contest  
Noon - Luncheon - "When Radio Was Radio"  
4 pm - Seminar - Technical Restoration  
5:45 pm - Annual Awards Banquet  
Live Music (The Charleston Chasers)

Sat.: 7:30 am-3 pm - Flea Market  
10:30 am - Donation Auction  
11:15 am - Auction

Info: Bob O'Friel - (317) 849-4028  
Alex Whitaker - (317) 535-4174, after 6 pm

**CALIFORNIA - Jun. 5****CALIF. HISTORICAL RADIO SOCIETY  
MEET - 8 AM**San Rafael, CA - Erik's Downtown Drive-In  
Info: CHRIS Hotline - (415) 821-9800**CALIFORNIA - Jun. 5****SOUTHERN CALIF. ANTIQUE  
RADIO SOCIETY - SWAP MEET**Escondido, CA - Deer Park  
8 am

Info: Mary Curry - (619) 461-9327

**CONNECTICUT - Jun. 5****VINTAGE RADIO & COMM. MUSEUM  
TAILGATE SWAP**E. Hartford, CT - Vintage Radio & Comm. Mus.  
1231 Main St. (Rte. 5)

Time TBA

Info: John Ellsworth - (860) 675-9916

**WASHINGTON - Jun. 5****RADIO ENTHUSIASTS OF PUGET SOUND  
MEETING - 2 PM**Seattle, WA - Queen Anne Library  
400 W. GarfieldInfo: REPS, 9936 N.E. 197th Street  
Bothell, WA 98041 - (206) 488-9518**NEW YORK - Jun. 6****FREEPORT HISTORICAL SOCIETY  
OLD TIME RADIO FESTIVAL**Freeport, NY - Freeport Recreation Center  
Merrick Road

11 am-4 pm

Info: Robert Raynor, 10 Girard Pl.  
Merrick, NY 11566 - (516) 623-5967**NEW YORK - Jun. 6****GREATER NEW YORK VINTAGE  
WIRELESS ASSOC.  
SWAP MEET**Lake Ronkonkoma, NY - 367 Hawkins Ave.  
8 am-NoonInfo: Chris Lieppert - (516) 471-9526  
Chris Bacon - (516) 821-7618**Updating Club List***Please send A.R.C. the name, address,  
etc. of your club's contact person.***WISCONSIN - Jun. 6****WISCONSIN ANTIQUE RADIO CLUB  
SWAP MEET**Hubertus, WI - Richfield Chalet  
1271 Hwy. 175

7 am-Noon

Info: Dale Boyce, 10230 W. Greenwood Terr.  
Milwaukee, WI 53224 - (414) 353-0734**MISSOURI - Jun. 8****ANTIQUA 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 &amp; Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,  
Clayton, MO 63105 - (314) 725-2333**N. CAROLINA - Jun. 8****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**OHIO - Jun. 8****ANTIQUA RADIO COLLECTORS OF OHIO  
MEETING**Kettering, OH - National City Bank Basement  
4100 Far Hills Ave., at Stroop Rd.

7:30 pm

Topic: Cathedrals &amp; Tombstones

Info: John Heck - (937) 435-1571  
ARCO, PO Box 292292, Kettering, OH 45429**PENNSYLVANIA - Jun. 8****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**OREGON****NEW CLUB FORMING  
TUBE COLLECTORS ASSOC.**Info: PO Box 1181, Medford, OR  
97501 - Al Jones - (707) 464-6470  
or Ludwell Sibley - (541) 855-5207

## **ARKANSAS - Jun. 10**

### **ARKANSAS ANTIQUE RADIO CLUB MEETING - 7 PM**

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

Info: Tom Burgess - (501) 455-0773  
(Call to confirm details)

## **NEW JERSEY - Jun. 11**

### **NEW JERSEY ANTIQUE RADIO CLUB MEETING - 7:30 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

## **MARYLAND - Jun. 12**

### **RADIO HISTORY SOCIETY MUSEUM PUBLIC OPENING**

Bowie, MD  
Time TBA

Info: (301) 390-1020 - [www.radiohistory.org](http://www.radiohistory.org)  
Ken Mellgren - (301) 929-1062

## **OKLAHOMA - Jun. 12**

### **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

## **OREGON - Jun. 12**

### **NORTHWEST VINTAGE RADIO SOCIETY SPRING SWAP MEET - 10 AM**

Oregon City, OR - Abernethy Grange Hall  
15745 S. Harley Ave

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

## **SUBMISSION DEADLINE**

### **5th OF MONTH**

Please include date, time, place, directions,  
event details & information/contact person.

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

## **RHODE ISLAND - Jun. 12**

### **NEW ENGLAND WIRELESS & STEAM MUSEUM**

#### **YANKEE RADIO TUNE-UP**

E. Greenwich, RI - N.E. Wireless & Steam Mus.  
1300 Frenchtown Rd.

8 am-3 pm

Flea market & Tailgaters  
Silent Auction

Info: N.E. Wireless & Steam Museum  
(401) 885-0545

## **MISSISSIPPI - Jun. 13**

### **MISSISSIPPI HISTORICAL RADIO & BROADCASTING SOCIETY MEETING**

Meridian, MS - 2412 C Street

Info: Randy Guttery - (601) 482-4534  
Bill Gerck - (601) 268-6359

## **NEW MEXICO - Jun. 13**

### **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 - Jun. 14**

### **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

## **AUSTRIA - Jun. 17**

### **AUCTIONHOUSE DOROTHEUM HISTORICAL RADIO AUCTION**

Vienna, Austria - Erlachgasse 90  
2 pm

Info: Dr. Gerti Draxler - +43-1/515 60-226  
[antiquitaeten@dorotheum.at](mailto:antiquitaeten@dorotheum.at)  
<http://www.dorotheum.com>

## **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

## CALIFORNIA - Jun. 19

### CALIF. HISTORICAL RADIO SOCIETY MEET

Merced, CA - Cliff's Radio Warehouse  
9 am

Info: CHRS Hotline - (415) 821-9800

## ILLINOIS - Jun. 20

### ANTIQUE RADIO CLUB OF ILLINOIS MEET

Elgin, IL - Elgin Plaza Hotel  
7 am-Noon

Swap Meet - Donation Auction

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

## 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

## NEVADA

### VIRGINIA CITY RADIO MUSEUM

Virginia City, NV - 109 So. "F" Street

May-Oct. - daily, 11 am-5 pm

Nov.-Apr. - Call ahead for hours

Info: Henry & Sharon Rogers, PO Box 511  
Virginia City, NV 89440 - (775) 847-9047

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

## WASHINGTON - 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 - hrrmik@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

Thu.: Bus to MHM for Exhibit -  
Registration - Program

Fri.: Flea Market - Women's Luncheon -  
Contest - Social Hour - Programs - Raffle

Sat.: Flea Market - Auction - Raffle

Sun.: Donation Auction - Raffle

Theme: On The Air

Info: Extravaganza '99, Suite 100, 3520 Okemos  
Rd. #6, Okemos, MI 48864 - (517) 349-7187

## ILLINOIS - Aug. 4-7

### ANTIQUE RADIO CLUB OF ILLINOIS RADIOFEST XVIII

Elgin, IL - Elgin Plaza Hotel, 345 River Rd  
(847) 695-5000 - ask for Lori

Daily Open Air Flea Market

Zenith Display - 50/50 Raffle

Awards Banquet and Show

Radio Auction - Donation Auction

Free Admission to Muchow Museum

Info: A.R.C.I., PO Box 1139, LaGrange Park,  
IL 60526 - E-mail: arci31280@aol.com

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

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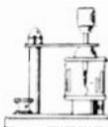
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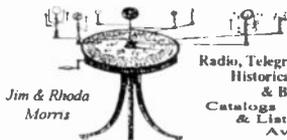


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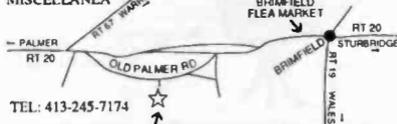


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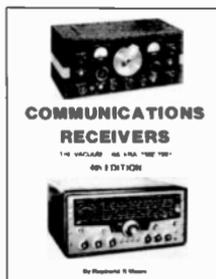
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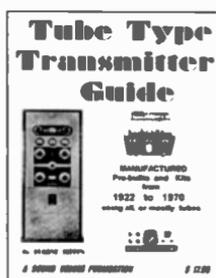
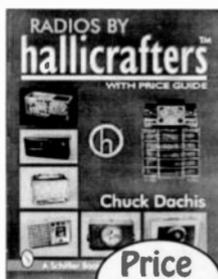
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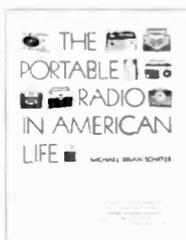
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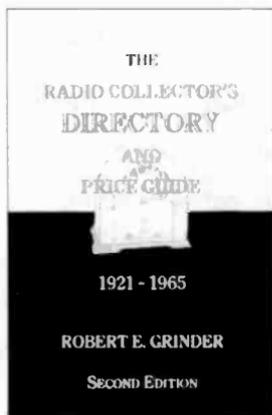
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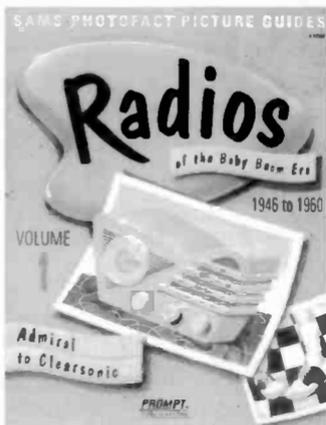
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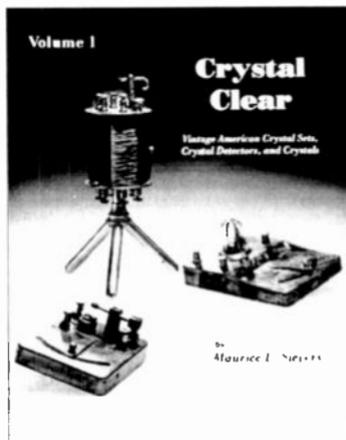


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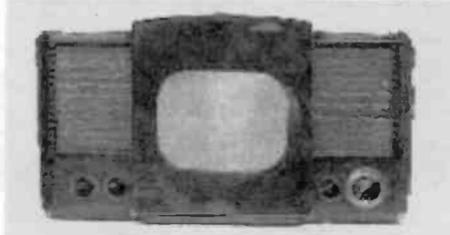


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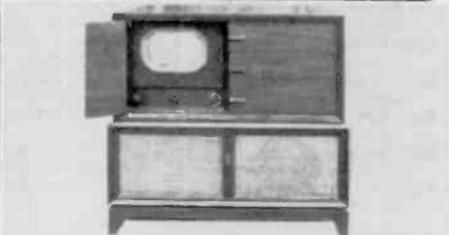
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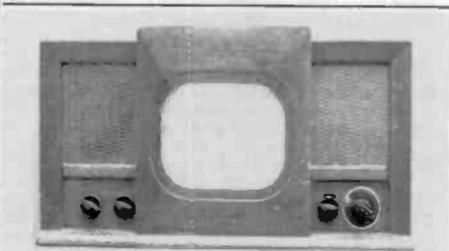
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**PAYING \$50 to \$200 each!**

### 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 s; 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.

PERIODICALS

# ANTIQUE RADIO CLASSIFIED



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

ADDRESS SERVICE REQUESTED

90\*0\*\*\*\*\*ALL FOR ADC 780  
G-5J SUB# = 27-777 EXP = JUN01  
JOE W MCCLUGHAN

PO BOX 310465  
NEW BRAUNFELS TX 78131

**CLASSIFIED AD  
DEADLINE MAY 10th  
Noon Eastern Time**