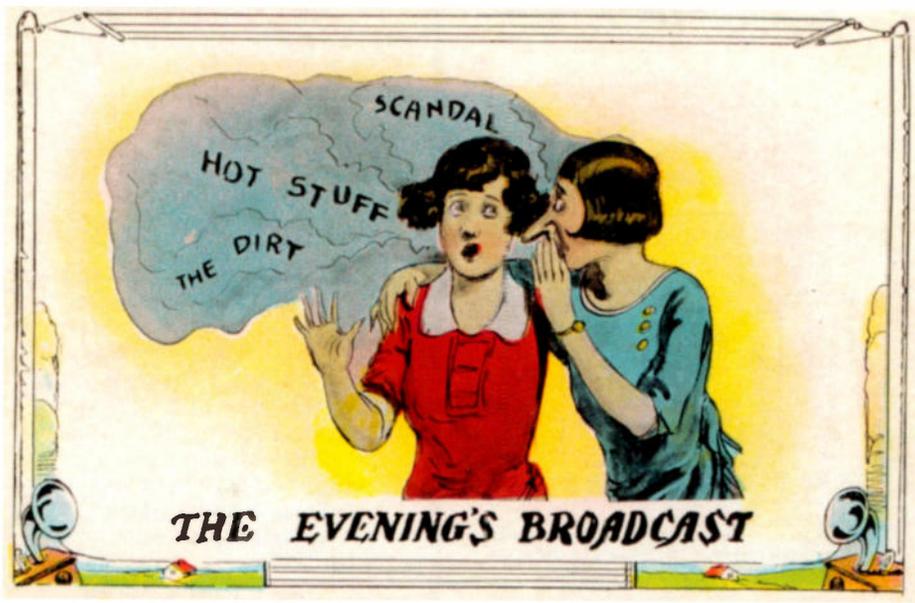




VOLUME 19 OCTOBER 2002 NUMBER 10

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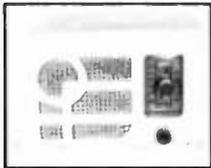
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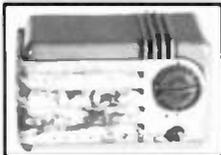
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ANTIQUE RADIO CLASSIFIED

October 2002 • Volume 19 • Number 10

The National Publication for Buyers and Sellers of Old Radios and
Related Items — Published Monthly

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ANTIQUE RADIO CLASSIFIED

Antique Radio Classified (ISSN:8750-7471) is published monthly, 12 times per year, by John V. Terrey, 498-A Cross Street, P.O. Box 2, Carlisle, MA 01741. Periodicals postage paid at Carlisle, MA, and additional mailing offices. Telephone: (866) 371-0512, 9:00 AM to 5:00 PM ET weekdays; machine answers phone at other times.

Annual subscription rates within the U.S. are \$39.49 by Periodicals mail and \$57.95 by First Class mail.

Annual foreign rates. By air: Canada - \$61.00; Mexico - \$67.00; Other foreign countries - \$105.00. Surface mail: Canada - \$51.00; Other foreign countries - \$58.00. (Surface delivery to countries other than Canada may take two or more months and cannot be guaranteed.)

Two-year subscriptions are twice these rates and receive an extra month. Sample issues are available free on request.

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POSTMASTER: Send address changes to Antique Radio Classified, P.O. Box 2, Carlisle, MA 01741.

Printed in U.S.A.

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

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CONTACTING ANTIQUE RADIO CLASSIFIED. All correspondence should be sent to:

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

Only UPS, FedEx, etc. items to street address: 498-A Cross Street.

Telephone: (866) 371-0512; Fax: (978) 371-7129

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ANTIQUE RADIO CLASSIFIED



EDITOR'S COMMENTS

Be warned all ye who run your own businesses — don't take a long weekend and leave your staff to engage in a nefarious plot. Remember the old adage, "When the cat's away, the mice will play"? Well, the A.R.C. "mice" had a grand old party while this "cat" was away; for an explanation, please first read "On the Cover" below.

Yes, before I left for a long weekend — in this case, for my son's wedding — my October cover choice had already been mounted on that universally recognized display space — the refrigerator. However, on my return, I found that I had been overruled — "ganged up on" might be a more accurate description. The radio community now knows that I practised what I had preached in the September *Radio Miscellanea* regarding relationships with women and radios: "Be sure that they 'like' you and 'tolerate' old radios."

Well, my fiancée, Sarah Ford, passed that first test last February at Radio XXXIII, and the wedding is still on. Perhaps she will join the ranks of that group we've written about from time to time — the perfect radio wife. I'll be sure to keep you posted.

To get back to serious radio subjects, the theme of home brews runs through this month's articles. Home brews often engender nostalgia, and, of course, they also have the appeal of always being bargain-priced.

William Corkutt submitted a comprehensive article about home brews using different kinds of grid-leak detectors. He also included a helpful list of references on early vacuum tube radios, and we have added a sidebar on grid leaks as defined by Gernsback in his 1927 *Encyclopedia*. We don't just spread gossip as our cover implies, we also do our best to disseminate facts.

On the other hand, we also recognize that home brews can be steeped in nostalgia. In recent years, John Shultz got around to restoring his family home brew that had followed him from his pre-World War II farm days in Texas. John's writing has a definite local flavor that we called "Texas Style" — all very appropriate, you see, since Sarah and I are both Texas natives. Unfortunately, we are publishing John's article posthumously, but his family is happy to have this article as a reminder of him and the old radio so lovingly restored.

Doug Fox describes his restoration of an old homebrew piece of test equipment — an oscilloscope that he has added to his test bench. If you have the necessary technical knowledge to begin such a restoration project, Doug's encouragement may be all you need.

At the risk of reinvigorating the permeability topic of several years ago which generated scores of responses, we've included Alton DuBois' brief description of a complex dial cord used in a Silvertone radio. Anyone who has restrung a dial cord will pray that he doesn't meet a radio with this kind of nightmare arrangement.

Richard Arnold writes about a Philco 89B that has a fairly commonplace chassis housed in an unusual cabinet. The tiger stripes are eye-catching and may be

something you want to keep on the lookout for.

Photo Review once again has something for everyone. Battery set collectors' eyes will go to the 1-tube wireless receivers by Kodel and Pennsylvania Wireless, while collectors of later sets will note the Gulbransen and Stromberg-Carlson models. Even the military are represented by a Bendix low-frequency loop.

The Mid-Atlantic Antique Radio Club's annual RadioActivity is a well organized event in every respect. Eric Stenberg's report reveals a serious intent on the planners' part to meet the interests and needs of participants. The flea market flourished pretty much throughout the event; informative seminars were offered; three auctions were featured, with one auction totalling \$8,000; the old equipment contest had several highlights; and the Friday night banquet was a sellout. A "walk-around" auction added liveliness to the flea market.

Ray Bintliff succumbed to the temptation of crossing the pond again this year. I myself visited Gerry Wells' museum in Dulwich, England, several years ago, but I had forgotten my camera! Fortunately, Ray's daughter made up for that loss, and has contributed a kind of photo review of the British Vintage Wireless Society's "garden party" at the Wells Museum and the later swap meet at Harpendon.

The Radio Row articles in our September issue inspired many subscribers to write in *Radio Miscellanea* about the their own youthful trips to that historic, now tragic scene. There they found knowledgeable salesmen ready to teach them what they needed to know. How unlike today's marketplace where mentors are in hard supply. We hope that A.R.C. often fills that gap.

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Coming Radio Events. Three auctions are among the 48 events listed for October. Several swap meets are also on the agenda, so all of you will have the opportunity to get out there and talk firsthand with your fellow collectors.

Happy Collecting!

John V. Terrey, Editor

ON THE COVER

Spread the good word! A.R.C.'s editor John Terrey is getting married at the end of October. His fiancée, Sarah Ford, was introduced to her first radio meet last February at Radio XXXIII where she made her first radio purchase — the postcard on our cover. The card was then used as a pre-nuptial announcement to family and friends. Welcome to radio collecting, Sarah, and best wishes to John and Sarah from the A.R.C. staff.



HOMEBREWING

Early Home Brews with Grid-Leak Detectors

BY WILLIAM CORKUTT

Early detectors came in various forms, but all had a common shortcoming — poor sensitivity. The DeForest Audion and later triodes, combined with Armstrong's regenerative circuit, produced receivers with greatly improved sensitivity. The following article describes some examples of radios that employ grid-leak detectors. (Editor)

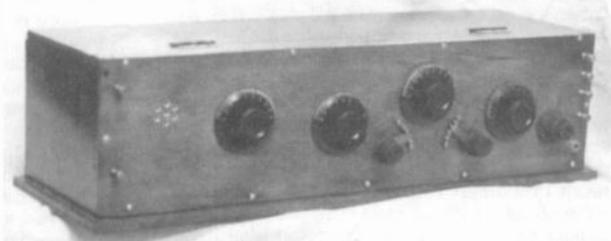


Figure 1. A panel view of an early capacitive feedback radio.

As early as 1916, David Sarnoff, future president of RCA, envisioned a music-box in every home whereby music, news, entertainment, and culture would be received by wireless. The feasibility of radio broadcasting was proved in 1920 when KDKA of Pittsburgh began broadcasting scheduled programs. The broadcast boom finally came in 1922 when everyone wanted to get into radio. Early commercial radios were expensive, so as components became more available, radio amateurs and experimenters built their own.

A TUNED-GRID, TUNED-PLATE RADIO

Figure 1 shows the panel of an early 1920s home-brew regenerative radio that employs a grid-leak triode detector. It is obviously a home brew, for there are no panel markings, no stops on the tap switches, nor any identification as to the maker. The panel measures 7" x 26" and is of varnished wood rather than Bakelite or hard rubber. The panel includes the characteristic peephole (a hexagonal pattern, in this case) for viewing the filament color. Cherry-red was usually specified as the proper filament rheostat setting.

The rear view of the receiver is shown in Figure 2. A large variable capacitor and two tap switches on the primary of the antenna coil tune the antenna circuit. The secondary rotates within the primary to provide variable coupling. A large wooden variometer in series with the secondary tunes the grid circuit of the tube. A second variometer in the plate circuit controls regeneration. The grid capacitor and grid-leak resistor are a single unit with the variable grid-leak resistor controlled by a small knob.

I obtained the radio from an A.R.C. contact. It was very dirty but otherwise intact. The wire of one variometer rotor coil had unwound and required a complete disassembly of the unit. This process



Figure 2. A component view of a capacitive feedback radio.

provided the opportunity to study the construction of wood variometers.

These wood variometers were manufactured by the New York Coil Company and are solidly built of hardwood and heavy wire with strong spring contacts on the rotor shafts to provide good conductivity. Each variometer has a red warning label pasted on the top reading, "Not Sold for Use on Patented Circuits." The label is ironic in that this was exactly what the original builder had done, since the circuit is obviously Armstrong's.

The radio tunes the low end of the present broadcast band up to about 1200 Kilocycles. The major drawback of the tuned-grid, tuned-plate regenerative receiver was that the plate circuit had to be retuned with each new setting of the antenna controls and grid variometer. This process made for difficult station-finding.

AN EARLY INDUCTIVE FEEDBACK RADIO

Figure 3 shows the panel of an early inductive feedback grid-leak detector. The radio is robust both in size and components. The panel measures 7" x 18" and the large knobs are 4" in diameter. It may have been a kit, for the peephole is screened and it's doubtful that a home-brewer could craft the screen and associated metal bezel. The tap switch for varying secondary inductance is mounted on a small Bakelite subpanel of its own.

Figure 4 is the rear view. What attracted me to

the radio was the robust size of its components. The antenna tuning variable-capacitor on the right of the picture measures 4½" in length and 4" in diameter. Its 43 plates result in 780 picofarads of capacitance. The coil measures 6" high x 4" in diameter. The top winding is the primary in series with the antenna capacitor.

The second variable capacitor has the same frame as the antenna capacitor. It has 23 plates and shunts the large secondary winding in the usual fashion. A rotating wooden tickler coil controls regeneration which was to be the standard technique for some years. The clip-in type grid

resistor is fixed. There is no baseboard, and all components are attached to the back of the panel. There is little soldering, as most connections are of the screw type.

I obtained the radio from an A.R.C. ad. It was remarkably clean but only partially wired. However, a bundle of preformed bus-bar came with the radio and enabled me to finish the job as the original builder intended. There are no markings on the panel nor on any of the components. As is usual with very early radios, it operates only in the low end of the present AM broadcast band.

(Continued on following page)

What Is A Grid Leak?

COMPILED FROM S. GERNSBACK'S RADIO ENCYCLOPEDIA 1927

In simple terms, a "grid leak" is the resistor placed in the grid circuit. The figure at right shows typical fixed and variable grid leak resistors.

Why is a grid leak used? In order to function as a detector or amplifier, the grid of vacuum tubes must be a few volts negative, the "grid bias." The combination of a grid leak resistor in parallel with a condenser, as shown in the schematic below, allows the small current flowing to the grid to produce this negative voltage naturally.

Following are excerpts from from S. Gernsback's Radio Encyclopedia 1927 to further explain, "What is a grid leak?"

GRID LEAK — A high resistance placed in the grid circuit of a vacuum tube to permit the electrons forming the grid current to leak off after each charge thus preventing their accumulating on the grid in such numbers as to stop the flow from the filament.

The grid leak may have a value ranging from about 250,000 ohms to several million ohms. The value of a grid leak is generally stated in megohms — one megohm being one million ohms. Thus a grid leak of 250,000 ohms resistance would be referred to as a ¼-megohm leak and, similarly one having a resistance of two million ohms would be referred to as a two megohm grid leak.

Such resistances are furnished in many forms, the most common being a strip of paper impregnated with graphite or some similar high resistance preparation, placed in a glass tube and sealed to prevent moisture from affecting the value. The illustration



shows a tubular type of a fixed grid leak.

Variable grid leaks, the resistance of which can be changed at will, are also furnished in an infinite variety of types, one of which is shown in the figure.

For experimental work a fairly satisfactory grid leak can be made by the simple expedient of drawing a line on a piece of cardboard with a soft pencil. —the graphite mark acting as the resistance. At each end of the cardboard is placed a binding post in contact with the graphite, each binding post being connected to opposite sides of the grid condensers.

GRID CONDENSER — A small fixed condenser, generally from .00025 to .0005 microfarad capacity, inserted in the circuit of a detector tube between the tuning coil and the grid member of the tube. The illustration shows the manner of connecting the grid condenser in a conventional detector circuit. This condenser insulates the grid from the filament by breaking the path F to G and permits the tube to act as a rectifier or detector. A resistance (called grid leak) is usually placed across this condenser to allow the accumulated charges on the grid to leak off and place a negative voltage on the grid.)

GRID BIAS — A potential of a few volts, generally from four to six, applied to the grid of a vacuum tube. The grid bias is usually negative and determines the point of the characteristic curve at which the tube will operate.

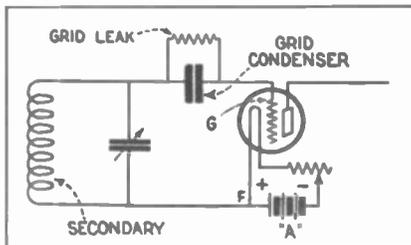




Figure 3. The panel of an inductive feedback radio.

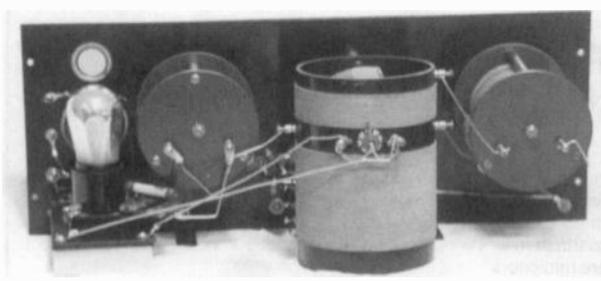


Figure 4. A component view of an inductive feedback radio.

(Early Home Brews, continued)

A LATER GRID-LEAK DETECTOR

Figures 5 and 6 show the front panel and rear view respectively of what was to be the typical 1-tube radio for some years. It is a big radio with a 19" x 7" panel and 4" knobs for tuning and regeneration control. It is a bit more elegant than most home brews in that metal nameplates identify the function of each binding post.

The two tap switches have stops which were often ignored on home brews. A second set of binding posts, in parallel with the phone binding posts, allows two sets of earphones to be connected simultaneously. A small concentrically mounted knob on the tuning dial controls one plate of the variable capacitor for vernier tuning.

The rear view shows further refinements. The tuning/tickler coil is a commercial unit. To inhibit the effects of hand capacity tuning, tinfoil has been pasted on the rear of the panel in front of the tuning capacitor and the tuning coil. Some of the wiring consists of copper straps which seem pure overkill.

The grid leak is of the variable type. Regeneration is controlled by a rotating tickler. The peep-hole has been dispensed with since the set was probably meant for the newer UV201-A type tube, a tube requiring only 1/4 ampere

of filament current. The radio tunes the lower end of the broadcast band.

EARLY 1920S AMATEUR GRID-LEAK DETECTOR

By 1921, the commercial and amateur services were making the transition from spark telegraphy to vacuum-tube technology. Vacuum tube transmitters produced a pure continuous wave (CW), which was keyed on and off for Morse code transmission. To receive CW, the receiver detector was made to oscillate continuously. The oscillating detector beat against the keyed signal to produce an audio frequency.

John Reinartz, a well-known Amateur, designed a detector circuit that combined capacitive and inductive feedback by using a specially wound spiderweb coil that had tapped primary, secondary and tickler windings.

Figure 7 shows the panel of a typical Reinartz grid-leak detector. It is a big radio, with the panel measuring 20" x 8". The cluster of three tap-switches are typical of Reinartz receivers, and they select the individual windings of the spiderweb coil. The two large knobs control tuning and regeneration on the selected portion. Once the regeneration controls are set, all tuning is via the tuning dial. Since tuning is very sharp, a small knob mounted above

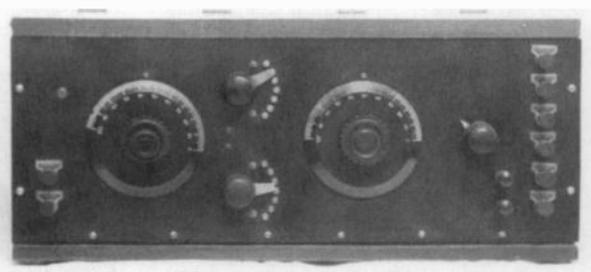


Figure 5. A panel view of a later grid-leak detector receiver.

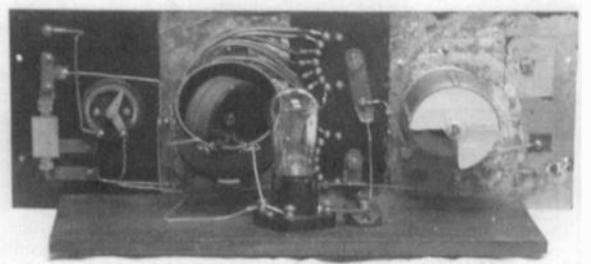


Figure 6. A component view of a later grid-leak detector receiver.

the tuning dial provides vernier tuning.

Figure 8 shows the rear view. The spiderweb coil is mounted on a bracket for stability. The numerous taps are on the unseen side of the coil. The filament rheostat is of the compression type, the fine threads of the compression-screw providing fine filament control. There is a peep-hole; however, the tube is not in line with it. I surmise that the builder may have upgraded his radio to use the more modern Type 201-A tube, and, consequently, remounted the tube near the tuning components for shorter leads.

The radio tunes the entire modern broadcast band up to about 1600 kilocycles. This was adequate in 1921 since Amateurs were restricted to 200 meters (1500 Kilocycles) operation. Although primarily meant for Amateur use, the Reinartz circuit was popular with the public and many were homebrewed for broadcast reception during the radio boom of 1922-1923.

EPILOGUE

What had these early grid-leak detector radios in common? First, one must admire their classic simplicity — there were no extraneous parts or frills — and they performed the task they were designed for well. They were handcrafted and mounted in sturdy cabinets as if meant to last forever.

RECOMMENDED READINGS

For those interested in the history and technology of early vacuum-tube radios, I would recommend the following:

The Legacy of Edwin Howard Armstrong, published by the Radio Club of America, is a collection of articles by and about Armstrong and his inven-

tions. The book contains his original 1915 paper, "Some Recent Developments in the Audion Receiver" and describes in detail the operation of the triode, the discovery of feedback, and early regenerative circuits.

For a detailed history of the radio patent wars which embroiled Armstrong, DeForest, and Sarnoff, there is Tom Lewis's *Empire of the Air*. In addition to legal and technical aspects, the book contains a wealth of information on the lives and personalities of the men involved.

The Wireless Experimenter's Manual of 1920 by Elmer Bucher is a complete presentation of the radio art in 1919 just before the era of broadcasting. It describes how experimenters (usually amateurs) could build their own spark transmitters, crystal detectors, and early vacuum-tube radios. Besides the practical aspects of home-brewing, this manual includes as much radio theory as was known at the time. An interesting read in itself, it has been reprinted by Lindsay Publications Inc.

Henleys' 222 Radio Circuit Designs of 1924 contains much information on early radio and includes the circuits of the grid-leak detectors presented in this article. It has been reprinted by Lindsay Publications Inc.

The January 1999 issue of *Antique Radio Classified* contains an article on "Reinartz Home Brews" which includes the Reinartz circuit and pictures of 2- and 3-tube Reinartz receivers.

References:

Anderson, John, Arthur Mills, and Elmer Lewis. *Henley's 222 Radio Circuit Designs* New York: Henley Publishing Co. 1924. Reprinted by Lindsay Publications Inc., 1989.

Bucher, Elmer E. *Wireless Experimenters Manual*. New York: Wireless Press, Inc., 1920. Reprinted by Lindsay Publication Inc. 1992. Bradley, Illinois.

Corkutt, William. "Reinartz Home Brews," Carlisle, Mass.: *Antique Radio Classified*, January 1999.

Lewis, Thomas. *Empire of the Air*. New York: Harper Collins, 1991.

The Radio Club of America. "The Legacies of Edwin Howard Armstrong," 1990

(William Corkutt, 26 Hillside Avenue, Monsey, N.Y. 10952)

Bill Corkutt has been collecting old radios since he bought a junker 3-dialer at a hamfest in 1993. His interest in radio dates back to the early 1950s when he served as an Army radio operator during the Korean War. He primarily collects and repairs early battery home brews. He is a retired electrical engineer and operates Amateur Radio station WZ2I.

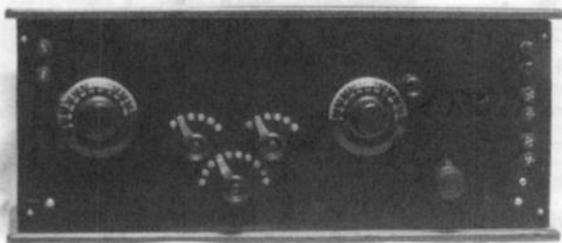


Figure 7. A panel view of a Reinartz Amateur receiver.

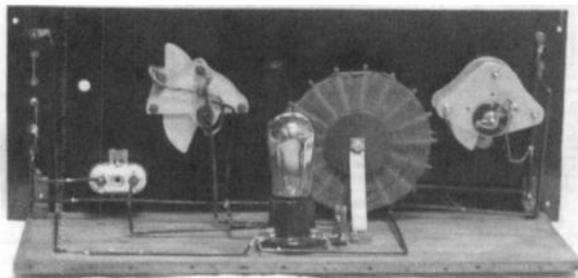


Figure 8. A component view of a Reinartz Amateur receiver.



VINTAGE TESTERS

A 2-inch Home-Brew Oscilloscope

BY DOUG FOX

Home-brewing is still possible, as Doug Fox demonstrates in this article that describes how he restored and improved a home-brew oscilloscope. (Editor)

Oscilloscopes did indeed exist in the mid-to late-1930s, but they certainly do not resemble today's sophisticated instruments. The typical oscilloscope (sometimes called "oscillograph") was very simple, consisting of a power supply, a cathode ray tube (CRT) and its associated circuits, a linear sweep oscillator, and horizontal and vertical deflection amplifiers. Many scopes of this period used a 1" diameter Type 913 CRT, or a 902A 2" diameter CRT. An advantage of working with CRTs of such small size is that the accelerating potential can be fairly low, 300 VDC or less, while still achieving a sufficiently bright trace.

A real treasure trove of information on early oscilloscope CRTs can be found in RCA's booklet *Cathode-Ray Tubes and Allied Types*, Publication TS-2, published in 1935. In this book is a thorough discussion on the safe working conditions for these devices, as well as some practical scope circuits.

MY HOME-BREW OSCILLOSCOPE

The home-brew oscilloscope that I acquired is shown in Figure 1. The person that sold it to me had bought it at an estate sale and could

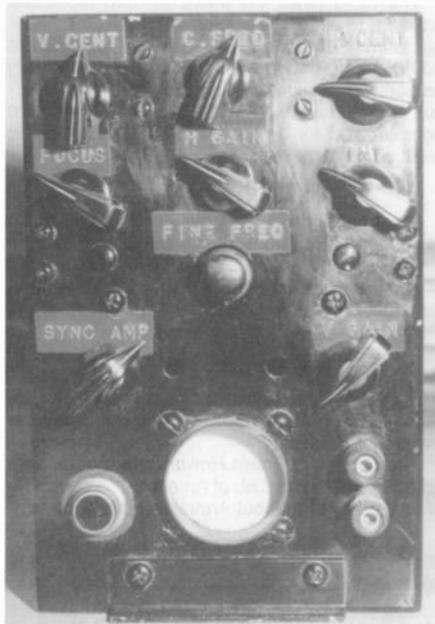


Figure 1. The home-brew 2" oscilloscope as acquired.

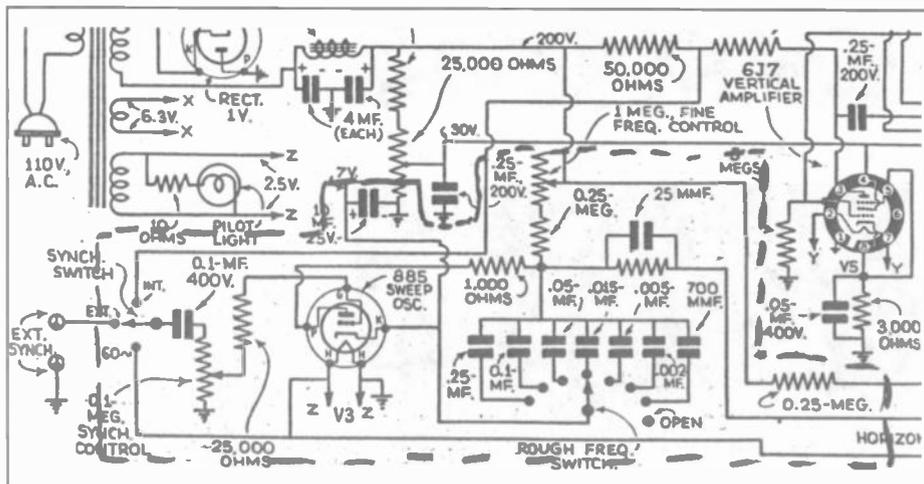


Figure 2. A partial schematic showing the new sweep circuit that was added to the oscilloscope.

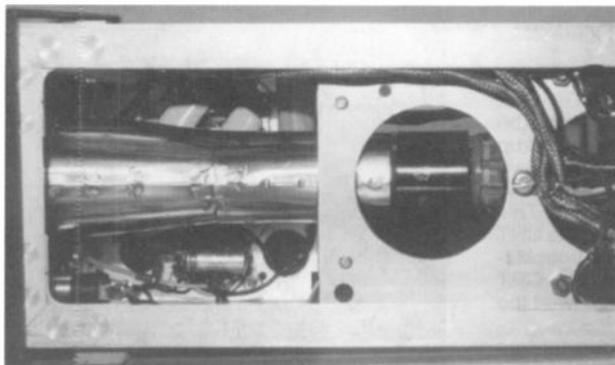


Figure 3. This top view of the oscilloscope shows the CRT wrapped with nickel alloy foil to reduce hum pickup from the power transformer.

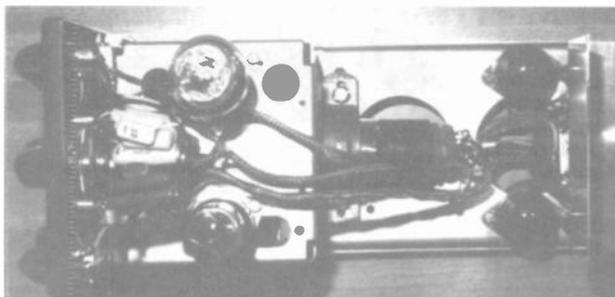


Figure 4. A top view of the oscilloscope with added Type 884 triode at the upper left.

not provide any documentation for it. The scope features a 2" diameter CRT and the usual front panel controls (Intensity, Focus, Vertical Centering, Horizontal Centering, Coarse Frequency, Fine Frequency, Sync, Vertical Gain, and Horizontal Gain. Closer examination of the unit confirmed that it is a home brew, built on what appears to be a recycled chassis from salvaged military gear made by General Electric. The chassis is very robust and has GE nomenclature stenciled at various locations.

The circuit consists of only 4 tubes: two Type 6H6 rectifiers, a Type 6SN7GT twin triode for the vertical and horizontal amplifiers, and a Type 902A CRT. The sweep circuit consists of a relaxation oscillator using a neon lamp, a resistor, and capacitors. Six different values of capacitance are switched into the circuit to obtain the various Coarse Frequency ranges. One of the Type 6H6 tubes is used to supply B+ to the amplifier and sweep circuits, while the other Type 6H6 is configured as a voltage doubler for the CRT intensity and focus circuits.

INITIAL TESTING

After replacing six electrolytic capacitors (all 8 μ F/450V) in the power supply and some

paper capacitors in the deflection amplifier circuits, it was time for the "smoke test." Since I had no idea how much time had elapsed since the scope was last used, I decided to use a Variac to gradually apply AC power. First I applied 60 VAC for a few minutes, then 90 VAC, and finally 120 VAC. After a few tense moments of adjusting the CRT controls, the scope produced a trace!

Two problems became evident, however. The Vertical Gain pot was open, and the Sync control did not work at all. In fact, it wasn't even connected to the neon oscillator sweep circuit! It was obvious that the existing sweep circuit was not going to be adequate because it could not be synchronized with the input signal.

NEW SWEEP CIRCUIT

After some searching, I found a suitable sweep circuit in an article from the April 1937 issue of *Radio-Craft*. This article describes the construction of a "Midget Oscilloscope." Figure 2 shows the sweep circuit that I adapted for use in my rebuilt oscilloscope.

The circuit consists of a Type 885 gas-filled thyatron triode, an internal sync control with its take-off at the plate of the vertical amplifier tube, and a switched R-C network to provide six coarse sweep frequency ranges. A fine sweep frequency control is also provided.

After studying the operating characteristics of the Type 885 triode, I realized that I would need a heater transformer with a voltage rating of 2.5 VAC, which I did not have on hand. After consulting the *RCA Receiving Tube Manual RC-29*, I learned that the Type 884 triode has a heater rating of 6.3 VAC. Therefore, this tube was selected for use.

I cobbled the new circuit together and began testing. I found that the Sync control could lock in fairly complex waveforms (up to about 15 kHz) connected to the vertical input. I increased the Type 884 cathode resistor to 1.5 K to achieve a more stable sawtooth sweep waveform, and I adjusted the values of the coarse frequency capacitors to obtain less overlap of ranges. I also added another 6.3 VAC heater transformer for the Type 884 triode.

The addition of the Type 884 only increased the B+ current by a few milliamperes; therefore, no changes were required for the B+ supply. Other than these changes, the circuit

(Continued on following page)

(Home-Brew Oscilloscope, continued)

is the same as the one shown in Figure 2.

FINAL CHANGES

As mentioned earlier, the Vertical Gain pot was defective and was replaced. Also, the CRT was susceptible to 60 Hz hum pickup from the power transformers. This was evidenced by a "wavy" trace even when fully CCW. This condition was corrected by wrapping the CRT with 0.002" nickel alloy foil available from McMaster-Carr Supply Co. The shielded CRT can be seen in Figure 3, a bottom view of the oscilloscope.

The black wrinkle paint on the cabinet was touched up with black satin enamel. The front panel was stripped of its old paint and repainted a very dark olive green. New labels were applied to the panel for each of the knobs. Some rusty hardware was replaced and a new line cord was installed. Views of the reworked oscilloscope are shown in Figures 4 and 5.

Although this oscilloscope isn't suitable for RF work, it works perfectly well as a monitor for audio circuits, and it also works well for analyzing audio distortion. Overall, it's a good addition to my test equipment collection.

References:

RCA Cathode-Ray Tubes and Allied Types. Harrison, New Jersey: RCA, Inc., 1935.

Radio-Craft, "Make The Radio-Craft Midget Oscilloscope." Springfield, Massachusetts: Radcraft Publications, April 1937.

RCA Receiving Tube Manual RC-29. Harrison, New Jersey: RCA Corp., 1973.

Supplier:

McMaster-Carr Supply Co., 600 County Line Rd., Elmhurst, IL 60126-2081.
www.mcmaster.com

(Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174)



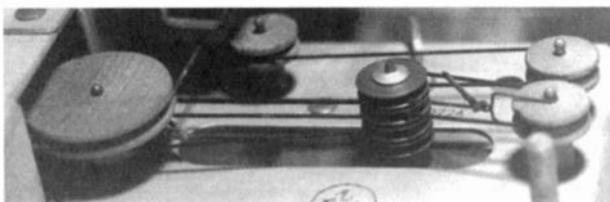
Figure 5. The completed oscilloscope with its repainted front panel and new legends.

Doug Fox, an electronics technician for Quantum Data, Inc. in Elgin, Ill., has had an interest in electronics, including old radios since junior high school days. He began to collect radios in earnest in 1989. Among his collecting interests are 1920s battery radios, early AC sets, Philco cathedrals, Bakelite table radios, test equipment, and early hi-fi gear. Doug welcomes correspondence from anyone about home-brewing experiences, or about collecting in general.

A Complex Dial Drive

BY ALTON DUBOIS, JR.

Here, Alton DuBois describes a complex dial drive used in a Silvertone radio. The February 1998 issue of A.R.C. included an article about permeability tuning that illustrated another complex dial arrangement. (Editor)



Some radios used dial cord tuning arrangements that seem unnecessarily complex. The dial drive arrangement, shown in Figure 1, is used in a Silvertone Model 101-B35, circa 1947. The radio uses permeability tuning — a feature that seems to result in complex dial cord stringing. The most complicated part of this set is the block and tackle type of dial drive that

is a nightmare to restring if the dial cord breaks. The combination of pulleys moves four tuning slugs and the dial pointer. The complexity of the dial drive in this set is about as bad as it gets.

(Alton DuBois, 67 Peggy Ann Rd., Queensbury, NY 12804)

WITH THE COLLECTORS

The 1933 Philco Model 89B A Baby Grand/Midget Receiver

BY RICHARD ARNOLD

The Philco Model 89B, was a popular model produced in a number of cabinet styles. Richard Arnold tells us why he believes his Model 89 is not all that common. (Editor)

The Philco 89B, produced during the model years 1932-1936, is considered to be one of the more common Philco cathedrals. I got to thinking about that. It seems that the Model 89B may be common, but not the 1933 model in the cabinet style shown in Figure 1.

The front panel veneer on this set is really nice. It has the original tiger stripes and grille cloth. A large metal escutcheon and four rosette style knobs also help to make the good looks of this radio.

Over the years, I cannot remember ever seeing a Philco 89B in any flea market or antique store in either Oklahoma, Texas or Arkansas. I have seen a few at radio auctions, but mostly in a different cabinet style. I began to do a little more research.

A LITTLE RESEARCH

I suppose that most of us early collectors — let's say from 1985-1992 — will remember Ron Boucher and his "Vintage Radio Services" sales catalogs. These sales catalogs were sent out usually monthly and included a number of radios and radio-related items. There was a short description of each item along with the asking price. There was also a nice photo page so that you could see the item you were interested in. He offered a very large selection of vintage radios each month and many of the items were cathedrals.

I went through over forty of his photo pages, looking at hundreds of radios from the period of 1986 to 1992. I found lots of cathedrals, mostly Philco sets, but only one listing where he offered a 1933 Philco Model 89B in this cabinet design. There were two offered in his March 1986 issue. I purchased the better of the two for \$125. I realize that his area on the East Coast and mine here in the South may not be representative of the U.S.

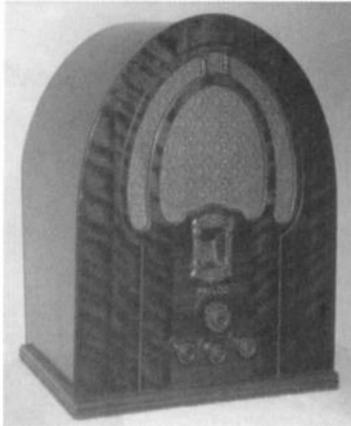


Figure 1. My Philco Model 89B from 1933 is a 4-knob version that tunes both the Broadcast and SW bands.

market, but the small number of sightings might indicate that the radio is not all that common.

This cathedral cabinet style may seem common because it is also used in such models as the 19, 43, 44 and 60. However, it would seem that the 1933 Model 89B is not all that common.

CHASSIS DESIGNS

The four different cabinet designs of the Model 89B were made from January 1933 to May of 1936. Over the years there were also chassis design changes. This set has a 6-tube chassis consisting of the following types: (2) 44, (1) 36, (1) 42, (1) 75 and (1) 80. Later versions replaced the Type 36 detector/oscillator with the more modern Type 77. The beat or IF is only 260 Kc.

An earlier version of the Model 89B came in a different style cabinet and had three knobs and tuned only the broadcast band. My set has four knobs, tunes the broadcast band along with a short-wave capability of 1.5 to 3.2 Mc.

It might be interesting to find out how many of these 1933 versions are out there in the hands of collectors. If you will contact me and let me know if you have one, I will compile the information and inform ARC at a later date.

References:

Ramirez, Ron with Michael Prosize. *Philco Radio*. Atglen, Pa.: Schiffer Publishing Co., 1993.

Ron Boucher. *Vintage Radio Services Catalogs, 1986-1992*.

(Richard Arnold, P.O. Box 275, Lone Grove, OK 73443. E-mail: arnold@brightok.net)

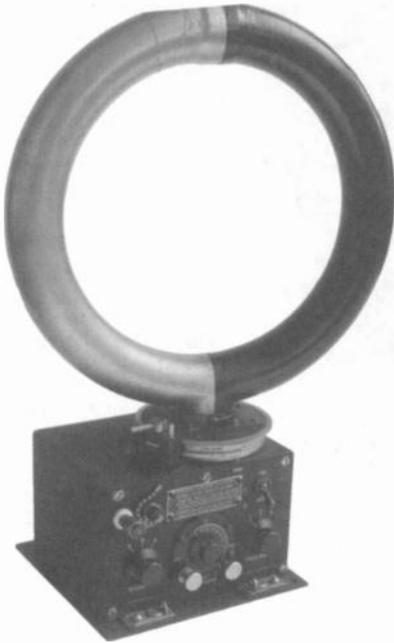
Richard Arnold, a frequent contributor to A.R.C., has been collecting radios since 1985. Primarily interested in cathedrals and 1920s battery sets, his collection ranges from crystal sets to a 1928 American Bosch in a Pooley cabinet. The 1932 Jackson-Bell Peter Pan featured in the June 1991 A.R.C. is his prize.



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.



BENDIX CRR-50061 LOOP – This 12" diameter, World War II aircraft, low frequency loop is more often seen in flea markets and auctions than its mate, the rarely found Navy DU-1 direction-finding receiver. It was made by Bendix in 1942, covers 200 to 1600 kHz in three bands, and has two preamplifier tubes. (Ray Chase – Plainfield, NJ)



KODEL MODEL C-11 – This tiny 1-tube radio measures only 6½" tall by 5" wide. It was manufactured in 1924 by the Kodel Mfg. Co. of Cincinnati, Ohio, and was billed as one of the smallest tube radios built. (Wally Worth – Wollaston, MA)

ADMIRAL MODEL 372-5R – This 1940 radio with a "Beetle" plastic cabinet has 5 tubes and features an "Aeroscope" antenna. It has 4 push buttons on the top. (Claude Chafin – Independence, MO)

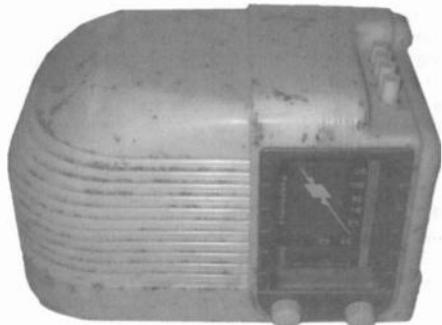


PHOTO REVIEW



GULBRANSEN MODEL 67 – This rare chairside, manufactured in 1929, has a very ornate dial assembly on the top. It stands about 23" tall. I have not been able to find a lot about this set, but I do have the original paperwork and manual. I believe that the chassis was used in other sets the company made. Known as a maker of pianos, Gulbransen made a few radios over the years. (Tom Zenisek – Cedar Rapids, IA)



STROMBERG-CARLSON MODEL 245-R – This half-round console has beautiful burled walnut veneer, a lot of ornate wood carvings, and ornate round feet. The doors on the front open up to a flat front panel. It has 13 tubes and a tuning eye. (Tom Zenisek – Cedar Rapids, IA)

PENNSYLVANIA RECEIVER – This very early 1-tube receiver was manufactured by the Pennsylvania Wireless Mfg. Co. of New Castle, Penn. Like most pieces by this company, this one is quite rare. (Merrill Bancroft – Townsend, MA)



SATELLITE GR-150 & GR-160 TOY RADIOS – These "space radios," made in Japan in the 1960s, are germanium crystal sets that came with ear-plug phones. I have three types, in red, blue, and green. (Erwin Macho – Vienna, Austria)



RESTORATION TOPICS

Restoring a Home Brew — Texas Style

BY JOHN SHULTZ

John Shultz tells us about how things were down on the farm in the 1930s. His dedication to the preservation of a real symbol of family history is a lesson to us all. (Editor)

I was born on a farm in Rains County, Texas, on July 31, 1925. I had a cousin that tinkered with electronics, and he built the subject of this article in about 1930.

Can you remember the year that Joe Louis fought Jimmy Braddock? The whole community came to our house because we were the only family with a radio. We all got set around the radio ready to hear a big fight, but Joe Louis knocked Jimmy Braddock out in the beginning of the first round. Everybody was very disappointed, and they all just got up and went home.

AM broadcasting was all there was in the 1930s. Chicago was just as clear as could be before daylight, but when the sun came up, it faded out. *Grand Ol' Opry* from WGN in Nashville, Tennessee, did the same thing. I can still pick up *Grand Ol' Opry* on Saturday nights.

Some of the stations we would listen to were the following: XERA Coahuila, Mexico; KRLD, Dallas; WFAA, Dallas; WBAP, Fort Worth; WRR, Dallas; and KGKO, Dallas.

Our radio was powered by a 3-volt A battery, two B batteries, and a C battery. The A battery had to be taken to town and recharged when it got weak. We had to have an aerial strung all the way across the top of the house. From the set's four Type 30 glass tubes you could barely see any light or feel any heat at all. In those years, there was a man in Emory, Texas, about seven miles from our house, who could get the old radio going when it failed.

Back then, we just wanted some good "sound" out on the farm. In the morning, we always got up at 4 a.m. to get all the chores done before we went to the field. Dad had programs he would listen to at 6 a.m., such as *The Chuck Wagon Gang*, and other programs from Dallas. Midday, my dad would always come to the house from the field to eat "dinner," and at night, we had "supper," after which he had certain programs that he wanted to listen to. Every night, we listened to *Amos & Andy*, *Lum & Abner*, *Gabriel Heater and the News*, *Lowell Thomas*, the *Inner-Sanctum* with the squeaking door, *Jack Armstrong the All American Boy*, and *Little Orphan Annie*.

And that's what we did out on the old farm, from 1925 to 1945 when I returned from the

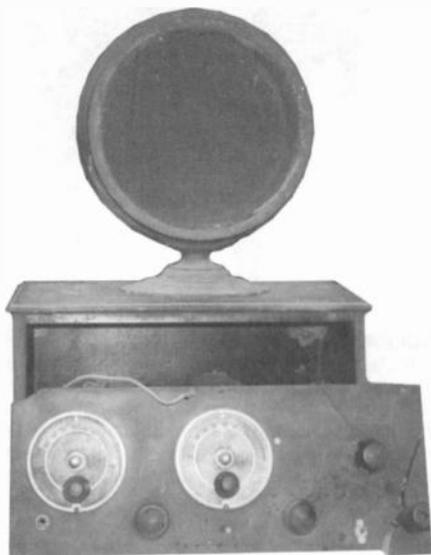


Figure 1. My unrestored radio and speaker, both in sorry shape.

Army, married my wife, and left the farm. The old radio went with us every time we moved, until 1999 when I restored it.

THE RESTORATION

When I started taking A.R.C. in 1999, I found an ad from a man in Corsicana, Texas, who worked on old radios. I went to see him, and he said my radio was a home-brew radio. He got it playing again as it did in 1933. It hadn't played since 1945 when my dad died, and I stored it away. It will still bring in all the AM stations in Dallas, and I still can pick up Nashville's *Grand Ol' Opry*—700 airline miles from me.

However, I also did a lot of work on the set. Figures 1 and 2 show the sorry state of the radio before I worked on it. I got a new piece of 1/4" Bakelite for the front and bottom of the chassis. Figure 3 shows the chassis after I replaced the Bakelite sheets and rebuilt the radio.

The speaker cone was all broken, but I found a man in Dallas, Texas, who reconed speakers. It took him a while to find a cone for this speaker, as it's a magnet type. Now the set sounds like it used to sound.

I refinished the speaker. When I got the new grille cloth from one of A.R.C.'s ads, I put it on both sides. I also bought a battery eliminator from one of the A.R.C. ads, and it works perfectly. A place in Tempe, Arizona, supplied the 8-conductor, cloth-covered speaker wire that runs from the battery eliminator to the radio. The rebuilt radio and repaired speaker are shown in Figure 4. I put a stranded copper wire across the top of my house and ran it down into the old radio.



Figure 2. View showing how badly the chassis had deteriorated over the years.

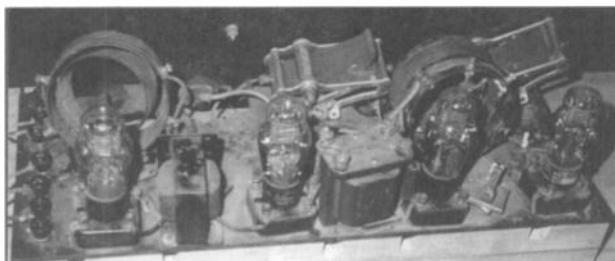


Figure 3. The radio chassis after a new Bakelite base and a total rebuilding of the works.

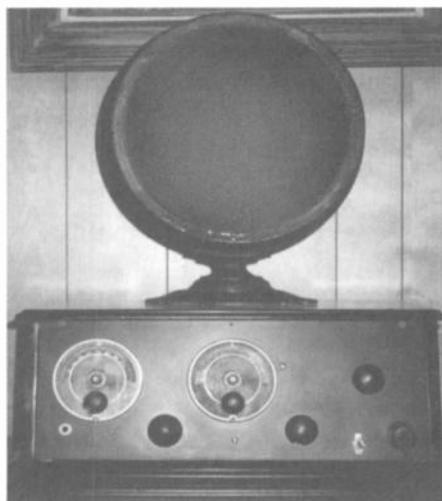


Figure 4. The completely restored family radio and speaker.

You have to operate both tuning dials on the front of the set at the same time to get the station to come in. One of the dials is bad, and the numbers have worn off. I would like to know if any of your readers might have a good used dial similar to the ones I have on my radio. ☺

I still could remember the table that the radio sat on, and what it looked like. Since I have a woodworking shop, I turned out the legs, cut out all the rest, put it all together, and sprayed it with black lacquer. It looks like the original in 1943 when I went off to the armed services.

I also took the cabinet apart, took all the old finish off, put it back together, and sprayed it with black lacquer. I put the works back into it, and, as Figure 5 shows, it looks as it did in 1943 when my dad died. What a big improvement over its unre-stored state.

It sits in my den and I play it at different times, though it doesn't have the quality sound of a modern AM-FM radio.

I enjoy every issue of A.R.C. — and "so long until tomorrow," as Lowell Thomas would say back in 1933.

(John K. Shultz, Box 203, Alba, TX 75410)

John Shultz loved everything old and touched with nostalgia. He was a contractor by profession and a woodworker by avocation who could restore radios and clocks with ease. We're sorry to report that he passed away in the last year. (Editor)



Figure 5. My restored family treasure and I, looking the way I remember it.

MEET & AUCTION REPORT

The Mid-Atlantic Antique Radio Club RadioActivity 2002 – May 16 -18, 2002

REPORTED BY ERIC STENBERG

RadioActivity, the Mid-Atlantic Antique Radio Club's (MAARC) premier meet, was held at the Sheraton Park Hotel in Beltsville, Maryland, on May 16-18, 2002 — a month earlier this year in an attempt to beat the heat that often accompanies it. In this we were successful, as we had two beautiful days in the mid-80s, which made for enjoyable flea marketing. Rain arrived for Saturday morning, but it had little impact, since the indoor main auction was held earlier in the day than in the past.

As is usual for this meet, the flea marketing got started Thursday morning with many of the 90 or more vendors setting up before the "official" noon start time. Action that morning was lively with additional vendors continually trickling in, causing the occasional "feeding frenzy."

The quality of the offerings was quite good. Perhaps the tendency to withhold the nicest sets for the on-line auctions is beginning to lose favor. A live flea market does avoid the hassles of listing, shipping, and late or non-paying bidders that can make the on-line experience vexing. And let us not forget the advantages of personal interaction and first hand examination of the merchandise, plenty of which occurred on both days.

The flea market pace did slow down some on Thursday afternoon but picked up again the next morning with the arrival of vendors and buyers who could not make the previous day. Though the action mellowed again that afternoon, it generally stayed stronger throughout the day on Friday.

Several fun and informative seminars were held starting Thursday afternoon with an audience participation style offering on the topic of wood cabinet restoration led by Joe Milano. On Friday afternoon, Ed Lyon held court for his ever-popular

class on electrical repair. Then Buford Chidester gave our educational sessions a strong finish with a detailed talk on speaker history and repair. All sessions were well attended.

THE CONTEST

Old Equipment Contest organizer Rod Matzko was quite pleased with the especially strong showing of high quality entries this year. Highlights



This interesting group display of the Realtone Comet TR-1088 and the off-brand twins made by the same manufacturer took first place in the "Transistor" category.



The Old Equipment Contest "Best of Show" display of all 4 variants of Arvin Hopalong Cassidy novelty radios and other "Hoppy" memorabilia.

included a gorgeous display of Arvin Hopalong Cassidy novelty radios and related ephemera entered by Geoff Shearer. It featured all four variants of this set in excellent restored condition. This display won "Best of Show."

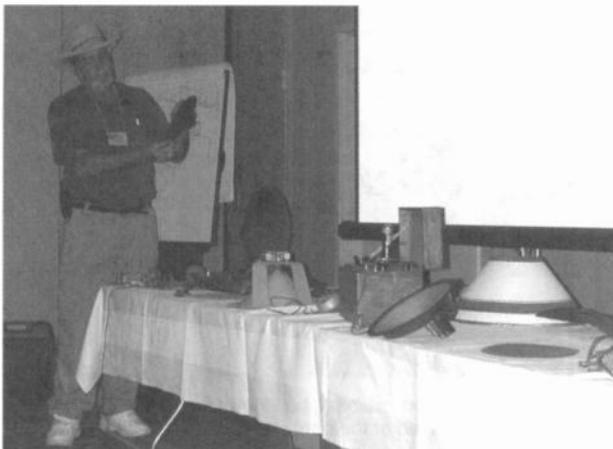
Another impressive entry included all six of the Ampex 600-series of tape recorders sold between 1954 and 1969. Gary Alley won a blue ribbon for this table-spanning display. The fun "Blue Radio" category featured a nice Sparton mirror sled. However, it was beaten out by an equally beautiful, but less valuable, Detrola 219 "Super Pee Wee" Plaskon set, largely due to supporting documentation. The judges keep telling us this documentation stuff is an important contest component.

The theme category of Atwater Kent radios was represented with well preserved Models 5 and 10B breadboards, as well as an excellent Model 627 cathedral. The new Historic Merit Award was presented to Ron Frisbie for his "Atwater-Kent Family Album," a large scrapbook of photos and other paper memorabilia about this renowned radio manufacturer.

Friday evening's banquet was a sellout with 75 diners enjoying the food and camaraderie. In keeping with the theme of the meet, Ray Thompson, assisted by his wife Sheri, gave a very interesting talk on the history of the Atwater-Kent Company, complete with slides and other visual aids from his personal collection. Most impressive was the Model 40 with the brass plaque designating it as the two millionth radio set produced by Atwater-Kent. The plaque proclaims that this set was presented to President-elect Herbert Hoover in 1928. What a great piece of history that fantastic antique store find is!

THREE AUCTIONS

This year's meet featured three auctions. The first, dubbed the "Tube, Parts, and Ephemera Auction," was held Thursday evening. This has



Buford Chidester gives his seminar on cone speaker repair.

become a popular feature of RadioActivity meets. It is intended to provide an outlet for items of lesser value, as well as for the boxes of tubes and parts implied by the name. A total of 168 lots of such items passed the block that evening.

Higher value and quality items are encouraged for the main auction on Saturday. While no super rare or very high-end sets showed up, the quality and variety of the offerings was quite satisfying. 170 lots were presented Saturday, mostly radios in good to excellent condition. Highest bids went to the Emerson Model 411 Mickey Mouse Repwood novelty set, in fair shape, at \$925, a maroon GE Model L570 Catalin set that was a bargain at \$725, and a superb Atwater-Kent Model 84 cathedral at \$500. Total proceeds for the two indoor auctions were just under \$8000.

Shortly after the main auction, our hard working auctioneer, Brian Belanger, went out to the parking lot to call a walk-around auction for low-end and cheap items. This was an experiment to replace our popular silent auction with something that was easier to manage. Fortunately, the rain had cleared out in time and more items changed hands smoothly and quickly. Expect to see this feature at next year's meet. In the walk-around auction the transaction is handled directly between buyer and seller, and no commission is charged.



A selection of "ready to restore" wood cabinet sets, most of which found new homes, we are happy to report.

All in all we feel we had another highly successful meet with attendees from up and down the East Coast as far as Florida and Massachusetts, and as far west as Wisconsin and Arkansas. Though we had as many vendors as last year, the total attendance, at 222 was down by about 20. We attribute most of this decline to an inadvertent conflict due to the earlier scheduling.

When MAARC checked the
(Continued on following page)



The Atwater Kent's two millionth set, the Model 40, which was displayed at the banquet.

(RadioActivity 2002, continued)

dates for May we tried to avoid other antique radio events but forgot to check the hamfest schedules. Thus, we ended up on the same weekend as the Dayton Hamfest. We do not intend to have this happen again.

It turns out May is a tough month to schedule in between other events and holidays. We also found that the large hotels prefer to cater weddings in May and June rather than host the infinitely more interesting radio events. What are these people thinking?

So, despite our success with the cooler weather we find it more convenient to move back to our familiar mid-June time frame. Look for RadioActivity 2003 on June 12-14 at the same location as this year. Hope to see you there. The theme manufacturer will be that quaint little outfit from the mid-Atlantic region that started out as the Philadelphia Storage Battery Company. Some of you may have heard of it.

Keep reading MAARC's monthly newsletter, *Radio Age*, as well as *Antique Radio Classified* for further details as next June approaches. And we also invite you to our fall mini-meet in Davidsonville, Maryland on Sunday, October 6, 2002.

These items are all from the Main Auction on Saturday. Some box lots and radios without model numbers given were left out. Thanks to Ray Thompson and Domi Sanchez for helping to compile the information.

e=excellent, vg=very good, g=good, f=fair, p=poor, NT=no tubes, WT=with tubes, N.I.B.=new in box

Air King A502, vg	\$55
Airline 74BR1501B, vg	60
Amplion AR19 horn speaker, vg	250
Arbophone 27 battery set, NT, vg	55
Army Special Services radio, g	40
Arvin 544, vg	75
Arvin Hopalong Cassidy, f	240
Astatic crystal microphone, g	60
Astatic microphone, g	15
Atwater Kent 165 cathedral, e	330
Atwater Kent 20, big box, NT, g	50
Atwater Kent 84 cathedral, e	500



A close-up of the brass plaque on the Model 40, the two millionth Atwater Kent set.

Belmont 529, vg	80
Bendix 110-W, vg	50
Bulova 6 transistor, w/case, vg	30
Continental tube, portable, w/case, g	20
Crosley 51, vg	75
Crosley 56TU, g	20
Crosley shipping box cover, vg	40
Crosley Showbox, metal case, WT, f	50
Eddystone 850/4, g	140
Edison R7 console, f	75
Electronic Laboratories 2701, g	13
Emerson 411 Mickey Mouse, Repwood, g ..	925
Emerson 511, ivory, vg	45
Emerson 707B, g	40
Emerson 813B, g	8
Emerson AF163, g	210
Emerson BA199, vg	95
Emerson DP332, f	25
Emerson FG-330, crack, g	30
Emerson Patriot Catalin, g	425
Emerson portable, white plastic, g	20
Emerson portable, wood, g	25
Emerson small tombstone, vg	85
Emud Rekord Senior 60, vg	40
Excel XL-45, N.I.B. vg	20
Fada 790, f	24
Fada 855, g	50
Fairbanks Morse 5C, g	50
Farnsworth ET061, e	40
Federal 1040T, vg	40
Ferguson 314XL, g	15
GE E-52, e	55

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.

GE E-71, e	75
GE L570, Catalin, repro knobs, e	725
GE S-22, g	50
General TV piano, Bakelite, vg	200
General TV A26 piano, wood, vg	175
Gloritone 27 cathedral, vg	100
Hallicrafters S20R, f	50
Hallicrafters Skyrider Defiant SX-24, vg	60
Hammarlund HQ-180, vg	150
Heathkit scope, g	5
Hewlett Packard 400H VTVM, g	5
Hewlett Packard audio oscilloscope, g	22
Hickok 288X signal generator, g	30
Hickok 850 transistor analyzer, vg	5
Home brew, 1 tube, Deforest parts, g	175
Home-brew battery set, 1920s, (2), g	25, 30
Home-brew spark transmitter, w/Murdock con- denser, f	80
Just-Tone 220, e	20
Karlson EVTRXB hi-fi kit, f	25
Knight mono tube amp., g	10
Knight Star Roamer, vg	40
Kolster K-20, WT, and K-6 speaker, vg	160
Majestic 90-B console, g	20
Motorola table, g	22
Music Master Type 175 speaker, g	130
Nordmende Electra C, vg	20
Novelty Coke bottle transistor radio, vg	14
Novelty Holly Hobby transistor radio, g	16
Novelty Mickey Mouse transistor radio, vg	28
Novelty Military Cannon transistor radio, vg	20
Novelty Sesame St. Muppets transistor radio, (pair), g	6
Novelty Blabbermouth mouse & cheese transistor radio, g	35
Panasonic Panapet ball, red, no chain, f	5
Pathe cone speaker, bad driver., g	375
Philco 38-12, g	40
Philco 38-33, g	35
Philco 40-150, vg	40
Philco 46-250, vg	85
Philco 49-900, g	65
Philco 60 cathedral, g	50
Philco 70 cathedral, (2), vg	275, 290
Philco roll-top portable, g	25
Philco Transitone, f	28

Philips B2XC8A/00G, f	2
Philmore crystal set, g	35
Philmore crystal set, brown, g	45
PhonoTrix tape recorder, g	2
Radio Lamp Co. brass lamp/radio, g	350
Radiola 16, vg	50
RCA Victor 6T-17, g	45
RCA Victor 8R74 table, vg	24
RCA Victor Globetrotter N31, g	6
RCA International Japanese receiver, g	30
Silvertone 1308 tombstone, vg	200
Silvertone 1561, vg	45
Silvertone 4500, g	25
Silvertone farm set, f	15
Silvertone Neutrodyne, WT, vg	55
Sonora RB175, g	20
Stewart-Wamer 9160, vg	45
Stromberg-Carlson 1000M, vg	35
Stromberg-Carlson early AM/FM, vg	35
Tektronix 422 scope, vg	75
Teleton 150 small table, vg	50
Toktone 25 watt amp., g	20
Trav-Ler 66-38, g	10
Webcor wire recorder, g	50
Westinghouse H-161, vg	60
Westinghouse H204A, g	40
Westinghouse H38T35, vg	22
Westinghouse unk AM/FM, vg	16
Weston 537 tube tester, f	14
Zenith 5R135 tombstone, vg	85
Zenith 5S127, vg	240
Zenith 6J230 tombstone, g	165
Zenith 7E02Z, e	31
Zenith 8S359, f	28
Zenith H725, f	5
Zenith J665, g	5
Zenith Royal 2000, vg	30

(Eric Stenberg, 8700 McNair Dr., Alexandria,
VA 22309)

*The Mid-Atlantic Radio Club (MAARC) meets
monthly and has the annual RadioActivity 2-day
meet and auction in June. "Radio Age" is published
monthly and dues are \$20. For more information:
Paul Farmer, 3005 School St., Alexandria, VA
22303-2412. www.maarc.org*



A display of goods for sale at the flea market.

FOREIGN MEET REPORT

Two Radio Meets – British Style

BY RAY BINTLIFF

The opportunity to attend a radio "double header" was one that Ray Bintliff could not miss. In this article, he covers two radio events sponsored by the British Vintage Wireless Society. (Editor)

When my friend English radio collector Alan Carter told me about two back-to-back radio events in the London area, I did not need much persuading to make travel plans. The following is a brief account of my experiences along with some photographs that speak for themselves.

The differences between a radio meet in the U. S. and Britain are not as great as you might think. There are some minor differences. The prices are in pounds instead of dollars, of course, nomenclature varies (such as valves versus tubes), and the TV scanning rates differ. But the appreciation of old radios, camaraderie, and the thrill of finding "goodies" are a common bond.

On Saturday, June 8, 2002, the British Vintage Wireless Society (BVWS) held its annual garden party at Gerry Wells' museum in Dulwich. The next day, the BVWS held a swap meet at the village hall in Harpenden, north of London. The hall is a short walk from the railway station

THE GARDEN PARTY

Gerry Wells maintains a radio museum in his home at 23 Rosendale Road, Dulwich. He opens the museum each year for the BVWS garden party and will also open it for groups upon request.

During the garden party, it seemed that Gerry was everywhere — mingling, playing background



Alan Carter and Ray Bintliff arrive in style at the BVWS garden party. That impressive conveyance is Alan's 1937 Packard convertible — with right hand drive, of course.

music and making announcements. But Gerry did find time to tell me a bit about himself. He began collecting radios at the tender age of seven and later began working on them and making repairs. At the age of twelve, he started making 2-valve TRF sets, and then during the war, he sold them for £4 each for pocket money. In Gerry's words he "carried on from that and got bigger and bigger."

In 1948, he established his own full time business, Wells Amplifier, and built amplifiers and public address systems. Later, he began manufacturing radios and TV sets. Not only did Gerry continue making valve radios as other manufacturers switched to transistor sets, he *still* makes and sells AM valve radios. Wells Amplifier



The garden party nicely complemented the museum visit. Both food and beverages were in abundance in this tent. Viewing so many radios can be thirsty work.



One wall of a room in the museum shows a unique way to display horn speakers.



Gerry Wells (left), provides me with a bit of personal history.



A view of the display cases and radios in one of the sheds.



A Beau-Decca TV from the early post-war era housed in a high quality cabinet.



This replica of an old radio repair shop is part of the museum. Note the tube tester on the counter.



Gerry demonstrates a gramophone with an over-size horn. Its fidelity and volume were impressive. Gramophones of this type were often used in dance studios.



The Harpenden swap meet was well attended. This photo was taken after the crowd had thinned out a bit.

(Continued on following page)

(Two British Style Radio Meets, continued)

is the only existing British manufacturer of valve radio and is now in its 60th year. Gerry says "Everything is done the old fashioned way."

The garden party provided an opportunity to socialize and discuss radio matters. It featured a buffet with appropriate beverages designed to stimulate conversation. If you are looking for a crash course in British radio and TV, Gerry's museum is the place to go.

SWAP MEET

The swap meet in Harpenden was well attended. Familiar faces from the previous day's event were spotted. It was interesting to note just how many American radios were displayed. The number offered seemed greater than the number of British sets usually found at swap meets in the United States. The range of items displayed at Harpenden was similar to that offered at Ameri-

can swap meets, except that I did not spot any Ham gear. In general, prices seemed about the same on either side of the pond.

Was the visit informative and enjoyable? You bet it was!

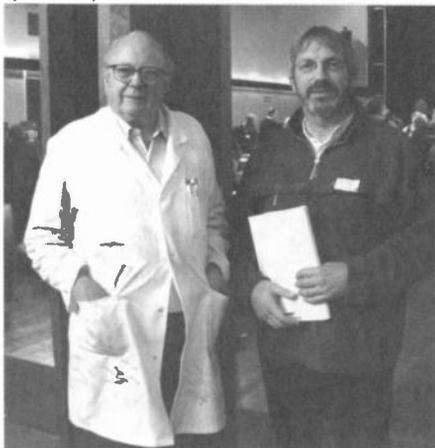
(Ray Bintliff 2 Powder Horn Ln., Acton MA 01720)

Photo Credit: Leigh Bintliff

Ray Bintliff, W1RY holds an Amateur Extra Class license. A member of the A.R.C. staff and a retired RCA engineer, he enjoys repairing and restoring pre-1945 radios and test equipment.



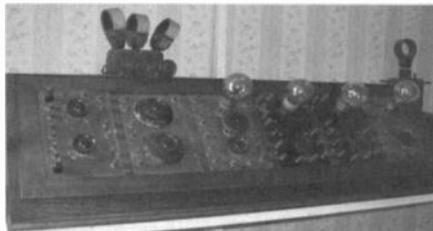
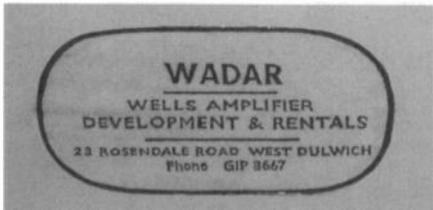
An impressive Marconi set shown with its top cover open to expose the two thumbwheel controls.



Gerry Wells (left) and Jonathan "Radio, Radio!" Hill slowed down long enough for this photograph at the Harpenden swap meet.



This 78 rpm phonograph is a product of Wells Amplifier Development & Rentals. The WADAR decal is shown in detail below.



This unique home-brew set contains 6 panels.



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.

Radio Row Memories

Dear Editor:

I so enjoyed Syd Steinhardt's article, "The Death of Radio Row," in the September issue that I had to add my thoughts, along with those of the interviewees in the NPR article. Radio Row was my hangout as a boy. That's where I learned much about radio from the professional salesmen who knew what they were talking about. Back in the late 1930s and early 1940s when I would frequent Eagle Radio, 84 Cortlandt St. (CO7-7368), I remember the day the salesman slipped a 6-inch ruler in my shirt pocket after I had bought a part. Eagle Radio always took the time to explain things to me. I believe I bought my first microphone there — an Astatic crystal mike — so that I could talk on the radio, along with the photograph I had bought there.

Then there was Leotone Radio where you could find anything really old for a few dollars. Once I was building a Neutrodyne radio but didn't have the neutralizing capacitors. Well, Mr. Leotone cut one out of a Neutrodyne set. As a 15-year old, I was astonished. Looking back I wonder why he didn't sell me the set. I believe he charged me a quarter for the two capacitors.

About the time Radio Row was demolished, I moved to Cape Cod, so the fate of the site was unknown to me. From 1962 to 1992 when I retired, I was a radio operator at WCC Chatham Radio, an RCA marine radio telegraph station, the largest in the world. I loved every minute of it. It was recently sold to the town of Chatham which will hopefully turn it into a museum and operating Amateur station. Any support from readers would be appreciated.

Leon H. Baumlin, Harwich, MA

More Views of Radio Row

Dear Editor:

Those readers who want to know more about the neighborhood that was demolished to make way for the World Trade Center will find of interest the book *The Destruction of Lower Manhattan* by Danny Lyon, MacMillan Publishers, 1969. Lyon is a wonderful photographer who shows not only the wonderful 19th century buildings destroyed for the center, but also the demolition workers at their jobs. While there is nothing more about Radio Row in this hard-to-find book, it does a sensitive job of conveying the quiet dignity of men at work, as well as what was lost when the Center was erected.

Incidentally, Tokyo, a very dense city, somehow manages to keep a street like the old Cortlandt St. going. It's nicely described in the July 2002 *IEEE*, pages 40-42, "Finding the Strange and Wonderful in Electric Town."

A. David Munsch, Belmont, MA

How About a Radio Row Book?

Dear Editor:

This is just a note to say how much the articles about Radio Row that you have printed over the past few years have meant to us readers. I, for instance, have ordered kits, parts, and radios from many of those New York merchants from the time I was a teenager in the 1950s. Mail order items went out from those little stores to people all over the nation. We ordered through *Popular Mechanics*, *Popular Science*, and other pulp magazines. We didn't know who we were ordering from, but we sure got neat gizmos. And the tubes and parts were really cheap; otherwise, we couldn't have ordered them.

So, who is going to write the book? It has to be written; it cries out to be written. We want to read the whole story, from folks like Mr. Schneck of the first radio store on Cortlandt St. to the last of those business families that were kicked out to make way for the World Trade Center. There just needs to be a book!

Stephen Mauck, Lyons, KS

We'll spread the word and perhaps a writer will answer the call. (Editor)

Several More from Alton...

Stylus Repair Source

I have found a company in England that repairs and supplies sapphire and diamond styluses for recording and playing phonograph records. I have had an Edison cylinder recording cutter restored there. A letter to the company will get a brochure of the services offered. The following is the address: Expert Stylus Company, P.O. Box 3, Ashpead, Surrey KT21 2QD, U. K. Tel: 01372-276604. Fax: 01372 276149.

Alton DuBois, Queensbury, NY

On 1L6 Socket Modification

In the September 2002 issue of A.R.C., Stan Jennings asked for an article on socket modifications to the 1L6. Why go to that trouble? The editor mentioned using a 1R5 tube by cutting off pin #5. This is fine, but do not try to cut the pin with a nipper or side cutter. The best way is to place a small pin shield under the #5 pin and over the adjoining pins and then use a Dremel cut-off disc or a fine jeweler's saw. Cutting it with a side cutter or nipper will invariably break the glass from the shock.

Alton A. DuBois, Jr., Queensbury, NY

Freshman Polydyne Cabinet Questions

In reading the article on the Freshman Polydyne (A.R.C., April 1999), I got the impression that the metal case of that set is similar to the case used by Atwater Kent for the Atwater Kent Model 40. Could it be that they bought cabinets from the same maker? Did Freshman introduce that type of case before Atwater Kent used it?

Alton A. DuBois, Jr., Queensbury, NY



A.R.C. RATES & POLICIES

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DISPLAY AND BUSINESS CARD ADS • DETAILS AND RATES

The deadline is the first of the month for display and business card ad artwork, payment and repeat requests.

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.

Advertising must be prepaid, except as noted below; see "Payment" paragraph above for details. Late ads will be run only if space and time permit. Originals must be the artwork size listed below. Send all artwork on disk or ask us to typeset it for you. Do not send in artwork on art board or send negatives. Please call for instructions on how to send your electronic ad. If used, reverse type must be limited to 25% of the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Add \$16.00 per photo for screening unless part of an existing electronic ad. Do not cut or trim photos or glue photos to artwork; submit separately.

If you are confused by these requirements and terms, please contact A.R.C. before beginning to prepare your ad. We will be

happy to advise you on your ad ideas, estimate how much the ad will cost, recommend an ad size, etc.

We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will run beginning with the next month. "Tear sheets" will be sent only for 1/8-page or larger ads and only if requested when the ad is submitted.

First business card per advertiser is at lower rate.

The 3-month rates represent about an 11% discount, the 6-month rates 23%, the 12-month rates 30%. Placement requests: add 15% but call first. Clubs: write for discount policy.

Page	ARTWORK SIZE (SEND IN THIS SIZE)		As Printed (size in magazine)		Cost for 1-month	Cost for 3-months	Cost for 6-months	Cost for 12-months	One Time to make up Ad
	H x W (inches)	H x W (inches)	H x W (inches)	H x W (inches)					
Full	7 3/4 x 4 3/4	7 3/4 x 4 3/4	7 3/4 x 4 3/4	7 3/4 x 4 3/4	\$289.00	\$769.00	\$1329.00*	\$2325.00**	\$69.00†
1/2 H	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	146.00	389.00	675.00*	1175.00**	37.00†
1/2 V	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	146.00	389.00	675.00*	1175.00**	37.00†
1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	74.00	197.00	342.00	595.00	19.00†
1/8	1 5/8 x 2 1/4	1 5/8 x 2 1/4	1 5/8 x 2 1/4	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	1 1/4 x 2 3/8	1 1/4 x 2 3/8	not avail.	53.00	90.00	159.00	7.00†
Business Card (2nd...)	2 x 3 3/4	1 1/4 x 2 3/8	1 1/4 x 2 3/8	1 1/4 x 2 3/8	not avail.	68.00	118.00	205.00	7.00†

* Full & 1/2 page, 6-mos.: 1/2 due with order; 1/2 due in 3 mos. ** Full & 1/2 page, 12-mos.: 1/2 due with order; 1/4 due at 3, 6 & 9 mos.

† For 6 and 12 month ads, no ad make-up charge if no change is made to ad for entire run.



A.R.C. RATES & POLICIES

CLASSIFIED ADS • DETAILS AND RATES

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. Cash is OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on opposite page 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 opposite page.
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; S, 5 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 illegally written ads or for any other reason. See also Publishing Rights on opposite page.

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, FREE.** 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.

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.



CLASSIFIED ADVERTISEMENTS

FOR SALE: Selling out everything. Tubes, parts, test equipment, books, Federal 59 radio - \$1,500 takes all. SASE for list. John S. Lowe, 3025 Harpers Ferry Rd., Sharpsburg, MD 21782

FOR SALE: Two copies of Radio Horn Speaker Encycl. book - \$15.90 ea. plus \$2 shipping. Floyd A. Paul, 1545 Raymond, Glendale, CA 91201. (818) 242-8961

FOR SALE: Tubes: N.O.S. & used (test good): 6L6, metal - \$8; 6L6G - \$15; 6L6GB - \$12; 6L6GC - \$13; 6CG7, N.O.S. - \$10; 5U4GB - \$7, N.O.S. - \$12; 45, Globe - \$50, ST - \$30, N.O.S. - \$75. Have many. Guaranteed or return for refund. Maureen Martin, 1407 Memory Ln., Lutz, FL 33549. (813) 949-1835. E-mail: mmm07@msn.com

FOR SALE: 1200 plus transistor radios. I might have the one you are looking for. Doug Ferrero, 70173 Hillside Ct., Romeo, MI 48065. (810) 336-0120. E-mail: w6ynz@bignet.net

FOR SALE: Fall Specials. Music Master Ware, 4-tube receiver, 4 tubes exposed, 199s, nice! - \$285. Radiola 25, nice condition, includes all 6 tubes - \$185. Philco 37-610, tombstone, nice looker, works - \$140. Atwater Kent Model 24 (20 Deluxe), basket case, needs work, but extra parts included - \$65. Atwater Kent 310, multi-tube console, 6 legs, needs speaker - \$185. Ozarka, 4-dialer, with battery box and all tubes - \$225. Aeriola Sr., early 1-tube - \$155. Majestic 15, tombstone, nice, working - \$175. Atwater Kent Model M hom speaker, works - \$150. Atwater Kent Model E-3 cone speaker, works - \$40. Dave Crocker, 35 Santuit Pond Rd #4B, Mashpee, Cape Cod, MA 02649. (508) 477-1578, before 9 pm please. E-mail: radio-1@atbi.com

FOR SALE: Large quantity used metal, local, TV tubes. Send want list. N.O.S. 17BP4B. Pete Raidt, Box 1025, 45 Maria St., Clinton, Ontario, Canada N0M 1L0. (519) 482-7920

FOR SALE: Hallicrafters S-53, nice condition, original paint, manual - \$60 plus shipping. Levy, 8 Waterloo, Morris Plains, NJ 07950. (973) 285-5321

FOR SALE: Gemsback's Radio-Craft and Short Wave Craft magazines from 1930s. Free List. Bob Ryan, 1000 S. Gilbert St. Apt. 132, Hemet, CA 92543-7065

FOR SALE: One lot of used Alliance and Channel Master antenna rotators. Also quantity of N.O.S. parts for rotors. Make offer. Mark S. Eubank, Jr., 11276 Louisa Rd., Gordonsville, VA 22942. (540) 832-3683. E-mail: mseubank@ns.gemlink.com

FOR SALE/TRADE: Beautiful Zenith shutter-dial or Hammarlund SP-400 for Best International Kadette or Airite deskset. C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: ken@kennevins.com

FOR SALE: Tube caddy full of RCA Modules, new. Setchell Carlson color 21" round screen, unitized chassis, console, mahogany. Pick up only TV. Ann Bichanich, Jay's, 15 West Lake St., Chisholm, MN 55719. (218) 254-4421

FOR SALE: Heathkit HW-30 twoer, untested, no mike - \$15. Heathkit OM-3 oscilloscope assembly manual - \$5. James S. Looney, Rt 1 Box 54, Grundy, VA 24614. (276) 531-8677

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A.R.C. Advertising Policy
Sellers and Buyers, Please Note!
 • Advertising is accepted only for early items
 • related to radio, communication, etc. All
 • items must be described fairly; reproduc-
 • tions, reprints and not-original items must be
 • so identified. Advertisers must agree to re-
 • spond 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.
 •.....

FOR SALE: FM exciter, PTEK FM25E, 25 watts output, instructions, variable frequency, like new - \$600 OBO. Ed Davison, 1129 Willowbrook Dr., Springfield, IL 62707-8130. (217) 793-0400. E-mail: wo9d@arrl.net

FOR SALE: Hundreds of antique and collectible radios. Novelties, test instruments, transistor radios, transcriptions, rare radio, aviation. Medical, some ancient, books. Square dance records, calls. Tape recorders. Scanners. Antique amplifier, powerful. Shortwave receivers, amateur transceivers. Military uniforms. Aircraft, police radios. Trans-Oceanics. Send three (3) stamp LSASE for list, 28 pages. John Enigl Sr., 5425 Tart Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

FOR SALE: Tubes for sale @ 50¢ ea. Al D'Ambra, 35-N Suffolk Dr., Rocky Point, NY 11778. E-mail for lists: alda25@optonline.net or aldazzz@netscape.net

FOR SALE: Military whip antennas, Hallicrafters S-38, 538D, NR - \$45 ea. Bruce Beckeney, 5472 Timberway, Presque Isle, MI 49777. (989) 595-6483

FOR SALE: Hallicrafters S-118, Zenith Trans-Oceanic. Ed Vilagi, 10279 Page Dr., Concord, OH 44060. (440) 354-3361

FOR SALE: Ladies leatherette jewelry case, red Catalin drawer pulls (3), good Xmas gift! - \$15 + UPS. Jacob, 2276 Holloway Ave., Maplewood, MN 55109. (651) 777-6791

FOR SALE/TRADE: Original 1958 World Radio Handbook, good cond. E-mail photos. Offers? Ron Russell, 2839 Bristol Ln., Lodi, CA 95242. (209) 367-5819. E-mail: russ@lodinet.com

WANTED: Need brass base tipped UV-201 tubes to restore an early 1920s radio. Don Willoughby, 480 Distal Dr., Los Altos, CA 94022. (650) 948-9207. E-mail: dk_willo@pacbell.net

WANTED: Original Drake R4C-T4XC interconnect cables, TC-6, SC-6 and CC-1. Dick George, 15245 Lynn Terrace, Minnetonka, MN 55345. (952) 934-3839. E-mail: jgeorge@isd.net



WANTED: Motorola Catalins #'s 50XC, 51X15, and 52, as complete or "parts" sets. I am a very serious collector seriously looking for serious stuff (leaving all kidding aside, of course)! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Fada 33. Robert Forte, PO Box 160, Lake Luzerne, NY 12846. (518) 696-2400

WANTED: Speakers, Altec, JBL, Electro-Voice, Western Electric, Jensen, Goodmans, tannoy, quad, drivers, woofers, tweeters, horns, crossovers, coaxials/triaxials, original cabinets. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. E-mail: sonnysound@aol.com

WANTED: Original HRO-50TI coils A, B and AC. Will pay your price. Carl R. Carter, Apt. 405A, Bahama Dr., Norwood, MA 02062. (781) 762-9122

WANTED: 101 Dalmatians novelty radio. Visit noveltyradio.com. Gary Arnold, 293 East Oak St., Marion, NC 28752. (828) 652-6893

WANTED: Delco R-1233 ribbon grille, Sams Dial Cord Guides DC-2, DC-5. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old_radios@yahoo.com

WANTED: Cabinet, knobs and dial scale for a small metal Arvin radio Model 524. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: RCA Service Data Volume 2 (book). Bill Bickers, 144 Skylane Ct., St. Simons Island, GA 31522. (912) 634-3488. E-mail: jukebox@technonet.com

WANTED: One (1) input and one (1) output iron core type 455 IF transformers from any RCA radio below 16K3, 16T2, 16T3, 16T4, T60, T62, T63, T64, 96T1, 96T2, 96T3, U111, U119, U123. Pay \$10 per transformer plus \$10 S&H for total \$30. R.N. Herring, 1615 W. Main St., El Dorado, AR 71730-5364. (870) 863-5660

Classified Ad Deadline Noon

Oct. 10 for Nov. 2002 Issue
Nov. 10 for Dec. 2002 Issue

Boxed, Photo, & Display Ads - 1st

WANTED: Small open frame DPDT 110 Vac relays with 3/16 inch contacts; N.I.B., chassis mounting. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612

WANTED: 12AX7/ECC83 tubes, most brands OK. Adam O'Connell, PO Box 958, Woodbury, CT 06798. (203) 263-2193

WANTED: Crosley Band Box 602, power transformer or Stancor P1501 or P1503 or junker will do. Paul Recupero, 265 Union St., Portsmouth, RI 02871-2254. (401) 847-8589

WANTED: Philco H or H-10 speaker, tube shield assy for Model 96 receiver. Harley Perkins, 625 South Hanover St., Baltimore, MD 21230. (410) 685-6206. E-mail: handhbalt@aol.com

WANTED: For McIntosh M2000 AB audio amp, complete circuit diagram with voltage readings. John Murphy, 2012 Wisconsin Ave., Superior, WI 54880-2028. (715) 394-7301

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

FOR SALE: Wilson WR-500 rotor and control for beam antenna. Like new - \$80. Mark S. Eubank, Jr., 11276 Louisa Rd., Gordonsville, VA 22942. (540) 832-3683. E-mail: mseubank@ns.gemlink.com

FOR SALE: Restoration Video.

Come along as a 1936 Philco is transformed from "flea market find" to working, museum-ready show-piece! Along the way, you'll get basic tube theory, basic receiver theory, plus learn to trouble-shoot your set, test voltages, rebuild Bakelite-block capacitors, repair an old lacquer finish without stripping, and much more. For beginning- and intermediate-level restorers, or any old radio lover! A great gift idea! Order today! run time: 115 minutes. c2001 Bret's Old Radios. \$29.99 + \$3 S&H payable to Bret Menassa at: Bret's Old Radios P.O. Box 51671 Denton, TX 76206



FOR SALE: HRO-50T1 with 4 coil sets, exc cond. - \$350. Tom Bonomo, 81 Lakewood Cir., San Mateo, CA 94402. (650) 578-1897. E-mail: tom@cpic.net

FOR SALE: Following are mint condition: Trans-Oceanics: RD7000Y - \$895; H-500 - \$595; L600L tan leather, call. Ted Demski, 5806 225 Pl. SW, Mountlake Terrace, WA 98043. Ph./fax: (425) 778-7100. Ph. (425) 345-1670

FOR SALE: Emerson CG 318 - \$125. Philco 67-610T - \$150. Plus P&H. 60+ page literature list. Dave Sutherland, PO Box 201, Spofford, NH 03462. (603) 363-4459. E-mail: echocove@cheshire.net

FOR SALE: Presto 14B recording lathe, big console type, all speeds. Lathe only, no electronics. Allan Weiner, 97 High St., Kennebunk, ME 04043. (207) 985-7547

FOR SALE: New Flashlight Book, prices, history, reference book. Illustrates Eveready radios - \$49.95. Brochure available. Bill Utley, PO Box 4095, Tustin, CA 92781. (714) 730-1252. E-mail: flashlight1@cox.net

FOR SALE: Enlarged photocopies of Radiola III, IIIA, Balanced amplifier manuals. Original Radios indexes. List. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. E-mail: w9itt@mindspring.com

FOR SALE: 40 years collecting. Radios, audio and ham equipment, books, test gear, etc. James M. Cole, K4HRO, 240 Gillespie Dr., Abingdon, VA 24210. (276) 628-2835

FOR SALE: Transistor radios of all kinds, take 30% off. Email or call. Doug Ferrero, 70173 Hillside Ct., Romeo, MI 48065. (586) 336-0120. E-mail: w8ynz@bignet.net

FOR SALE: Retiring from early 50s to late 70s home & auto radio repair business. Testers w/man, N.I.B. tubes, N.I.B. vib, buffers, electrolytics, capacitors, resistors, UIB tubes (all tested), 6000A & KS-15560L1 Hickok tester. Transistors. Many more parts and supplies. AR, TR, MHF, TSM, TR, HTP, Supreme, Riders, Zenith, Philco, RCA and many more manuals and antique radio repair books - Make offer. Send for large SASE. Russell Sound Systems, 720 College Dr., San Jose, CA 95128-2812. (408) 295-7110, after 5 pm west coast time

NEW QUALITY CAPACITORS:			
Voit 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	.47	\$ 20.00	80¢
1-630-AL NEW	1.0	\$ 26.00	\$1.04

ELECTROLYTICS:			
Voit 160 Axial Leads			
Part Number	Value (UF)	Price/25	**Each
10-160-AL NEW	10	\$ 13.00	52¢
22-160-AL	22	\$ 16.00	64¢
33-160-AL	33	\$ 21.00	84¢
47-160-AL	47	\$ 24.00	96¢

Voit 450 Axial Leads			
Part Number	Value (UF)	Price/25	**Each
10-450-AL	10	\$ 18.75	75¢
22-450-AL	22	\$ 28.00	\$1.12
47-450-AL	47	\$ 45.00	\$1.80
47-450-AL10	47	\$ 20.00 (per 10)	\$2.00
100-450-AL10	100	\$ 28.50 (per 10)	\$2.85

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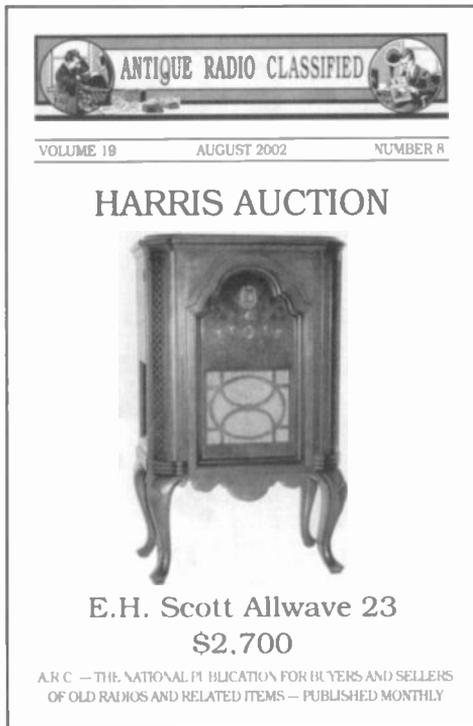
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 - Vacuum tube history and collecting
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 - Free want-sell-swap ads
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 - Horn loudspeakers
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<http://www.antiquewireless.org>

Saturday, November 2nd ~ 10 A.M.

A SECOND
RADIO AUCTION



ANTIQUE RADIO CLASSIFIED

VOLUME 19 AUGUST 2002 NUMBER 8

HARRIS AUCTION

E.H. Scott Allwave 23
\$2,700

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(Feb. 02)

WANTED: Electron tubes, ball bearings, connectors, lamps, relays, switches, circuit breakers, radio and aircraft receivers and transmitters. Hy Ness Company, 709 B Delair Rd., Cranbury, NJ 08512-4212. (609) 395-1116. Fax: (609) 395-1117

WANTED: Outside knob for Majestic 15A or 20. Also cathedral cab. for Model 82 Atwater Kent. Lawrence G. Atkins, PO Box 455, Camden, TN 38320. (731) 584-7037

RATE FOR ADDITIONAL WORDS:

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WANTED: Tube sound equipment, hi-fi/commercial, Atec, McIntosh, Fisher, Scott, Eico, Pilot, Heath, Dynaco, Leak, Quad, WE, Marantz etc. amps, preamps, mixers, tuners, compressors, etc. Sonny Goldson, 520 Pochontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. E-mail: sonnysound@aol.com

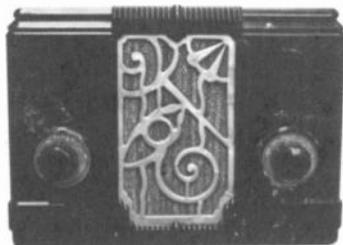
WANTED: Hallicrafters SX42 in excellent working condition, w/best matching speaker. Lost my entire collection in house fire. Paying premium price plus shipping. George W. Pope, 981-3 Hwy 98 East #402, Destin, FL 32541. E-mail: billindeststn@cox.net

WANTED: Sonora P-99 Teeney Weeny and Atec 605A rear driver for horn. Justin Allport, PO Box 601, Wellington, MO 64097. (816) 934-0112. E-mail: airport762002@yahoo.com

WANTED: Philips 936A or similar, this is the triangle shaped one from 1930s. Maybe a European reader can help? Also Scott Philharmonic in reasonable cabinet, Arcturus tubes, esp. 26, 27, 01-A, 80. Write to: J.K. Grady, 43 Slough Rd., Harvard, MA 01451

WANTED: Tubes, tube testers and radio parts from estates, shops or collectors. Send me a list or give me a call. Also need Western Electric tubes. Jeff Arndt, 908 6th St., Kewaunee, WI 54216-1718. (920) 323-6789

WANTED: Original large main tuning and bandspread knobs for a Hallicrafters S85 radio, will purchase parts radio. Call or write. Albert D'Amico, WD2AAB, 37 Baynes Ave., Buffalo, NY 14213. (716) 884-6029



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

WANTED: 6SN7-VT231 tubes, RCA, Sylvania, Tung-Sol. Adam O'Connell, PO Box 958, Woodbury, CT 06798. (203) 263-2193

WANTED: Stromberg-Carlson 600 series AC chassis (restorable), Crosley loading coil for R3R chassis. James Hilins, 2301 N.W. 86th Ln. East Unit, Coral Springs, FL 33065. (954) 346-6768. E-mail: jhilins@bellsouth.net

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**"Celebrating 80 Years of
Texas Radio" 1922-2002**

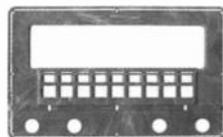
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VRPS - <http://radiorembred.org>**

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For 1942 models: Escutcheon with gold trim as

per original \$32.95. Knobs, set of four \$20.

Pushbuttons, set of nine \$31.50. Money order gets immediate shipment. Add \$5 s&h. Calif. residents

add 8.25% sales tax. Old Time Replications, 5744 Tobias Avenue, Van Nuys, CA 91411. Phone (818) 786-2500. Email oldtimerep@aol.com

1941 models 41-250, 255, 256, 280, 285, 287, 290, 296, 610

1942 models 42-355, 42-355T, 42-380, 42-380X, 42-390, 42-390X

FOR SALE: Hallicrafters S19R Sky Buddy - \$125. RCA WR-64B color generator, WR-69A TV/FM sweep generator, WR-70A RF/IF/F marker adder, WG-307B bias supply, cables and manuals - \$200. Joe Whisnant, 1233 Newcastle Way, Maryville, TN 37803. (865) 977-9024

FOR SALE: Many pieces of old and recent radio and TV test equipment. Mark S. Eubank, Jr., 11276 Louisa Rd., Gordonsville, VA 22942. (540) 832-3683. E-mail: mseubank@ns.gemlink.com

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FOR SALE: Parts, tubes, books. Two stamp SASE or e-mail for list. Wayne Letourneau, PO Box 62, Wannaska, MN 56761. E-mail: wb0cte@arrl.net

FOR SALE: WWII T74/CRT-3 Gibson Girl emergency transmitter - \$125 or offer. Bruce Mueller, 730 E. Harmony Ln., Fullerton, CA 92831. (714) 992-2086

FOR SALE: Swan 250 6 meter transceiver with AC supply/speaker and extra parts rack - \$225. J.R. Linden, PO Box 4927, Cave Creek, AZ 85327. (480) 502-6396. E-mail: jrlinden@usa.net

FOR SALE: 1940s old time radio programs, reel tapes, mostly 6 hours - \$10 ea. plus postage. Ellsworth O. Johnson, 364 S. Coeur Dalene St., Spokane, WA 99204-1063. (509) 838-2161. E-mail: eojohnsonww2@attbi.com



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FOR SALE: First model Magnavox 5A, with tubes and flat coils, cabinet excellent condition - \$350. Ray Miner, 1215 Ave. B, Ft. Madison, IA 52627. (319) 372-1271

FOR SALE: Tube and transistor radios, free collectors software. Hank Maurer, 101 Sunset Ter., Scotts Valley, CA 95066. E-mail: hmaurer@attglobal.net. Web: <http://pws.prserve.net/usinet/hmaurer/mywp.htm>

FOR SALE/TRADE: Super AK20 Delux. Mint L600 Zenith Trans-Oceanic. Two 1940s Super Pros for parts. Navy radar sets. Zenith 11E and 14E parts. HT-18 VFO exciter. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: Marantz factory service manuals, Model 16 to 6320, 5 binders, mint - \$200. Sony R to R and early TV factory manuals, various models - \$30. Altec 714 stereo receiver, checked - \$100. Altec 306A tuner, perfect glass - \$75. Muntz 4/8 track chrome car player, Muntz C-100 chrome car 8-track player - \$40. Knight tube PA amp 6L6s - \$40. BigBird tombstone novelty radio in box - \$20. Autogram 12 channel audio board - \$800. CBS Labs commercial NTSC video test generator - \$300. Dukane 1A912A 200 watt mono amp 25 and 70 volt solid-state - \$50. Transette kids R to R with mic and ear, has Faith 7 sticker on cover - \$25. Mark Hills, HC 30, Box 890, Prescott, AZ 86305. (928) 717-2471. E-mail: marcaelectric@angelfire.com

FOR SALE: Zenith Model 4R, 3 Guild models, many more tube radios. SASE. Ted Ferrell, 605 Mahlon Ln., Woodstock, VA 22664. (540) 459-2487

FOR SALE: Riders Television Manuals 1 and 2, good cond. - \$50 ea. or \$90 for both + S&H. Charles Kirsten, Radio Relics, 1710 S. Mountain Ave., Ontario, CA 91762. (909) 391-5856

FOR SALE: BC348, g, N.O.P., converted, works well - \$150 + S&H. Roger Schreur, PO Box 745, Forest Ranch, CA 95942

FOR SALE: Philco chassis Model 39-40, code 121, complete and restorable, less tubes - \$50. Steinite Electric Bakelite panel for Model AC 18" x 7", few scratches but lettering OK - \$15, Regent Radio Corp Bakelite panel 18" x 7", lettering good - \$10. All + UPS. Philip Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213

FOR SALE: Hallicrafters SX101 Horn set, with mike, speaker and operating book - \$250. Ray L. Mayeux, 520 Gladstone Blvd., Shreveport, LA 71104. (318) 868-1202

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(573) 547-4292 - E-mail: martinwm@brick.net

WANTED: RCA CT-100 color television, any condition. Andy Lee, 183 Percival Dr., West Barnstable, MA 02668. (508) 362-3271. E-mail: ajm14@massed.net

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WANTED: Dual controls w/switch front 1 meg. tone, back 500K volume. Any shaft length. Glen Steinman, 7915 E. Michigan Ave., Jackson, MI 49201



WANTED: Capehart remote controls, catalogs and related items. Bill G. Davis, 800 Rosemount Rd., Oakland, CA 94610-1311, (510) 839-8309. E-mail: Billgd@aol.com

WANTED: Guitar amps/guitars/effects pedals, Gibson, Fender, Gretsch, Rickenbacker, Vox, Selmer, Martin, etc., Maestro, Univibe, Ibanez, etc. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. E-mail: sonnysound@aol.com



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

WANTED: Western Electric speakers, amplifiers, tubes and loudspeaking telephones. Adam O'Connell, PO Box 958, Woodbury, CT 06798. (203) 263-2193

WANTED: Buying the following tubes in any quantity, paying amount listed. All must be N.O.S., boxed. 2050 - \$10 ea. 6CZ5 - \$6 ea. 6SN7 - \$5 ea. 7868 - \$20 ea. USA made only. Bill Bickers, 144 Skylane Ct., St. Simons Island, GA 31522. (912) 634-3488. E-mail: jukebox@technonet.com

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FOR SALE: Old, good cond., radio cats. Lafayette 1967, Allied 1967 and Allied 1970, all - \$10 ea. plus shipping. Phone or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209-4711. (601) 922-2235

FOR SALE: RCA 98K with electric tuning, looks good, needs restoration - \$100. Malcolm D. Burdick, W1NOO, 156 Station Rd., Hampton, CT 06247. (860) 455-9640, before 8 pm

FOR SALE: Supreme Model 491 tube & set tester, has 6 adapters - \$30. 1,500 ft. R-R recording tape on 7" reels - \$3 ea. Plus UPS. D.W. McDonald, 1813 Main Ave., Clear Lake, IA 50428. (641) 357-2446

FOR SALE: New 6U5 tubes - \$25 ea. New 6E5 - \$15 ea. Plus postage, limited supply. Rick Weibezahl, 305 Belvidere Ave., Washington, NJ 07882. (908) 689-3276

FOR SALE: Antique Radio Restoration Guide, Johnson - \$8. Beitman 1926-1938 Radio Diagrams - \$15. Collectors Guide to Antique Radios, Bunis - \$15. All three - \$35. Andrew Toross, 425 Old Country Rd., Orange, CT 06477. (203) 795-4523

FOR SALE: AK20 - \$40. Radiola 25 - \$250. RCA U21325 speaker - \$160. Radiola III - \$140. Radiola balanced amp - \$275. Ritter Grand crystal set 1923 - \$250. 3 tube home brew - \$60. 5 tube kit? - \$60. Tower Adventurer speaker - \$375. Leonard Aquino, 2 Somerset Ln., Putnam Valley, NY 10579. (845) 528-6857

FOR SALE: OS/8A oscilloscope, schematic, case, works - \$50. **WANTED:** TS-9 handsets for EE-8 field phones. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612

FOR SALE: Radiola III, no tubes. Jackson 648 Dynamic Conductance tube tester, two roll charts and manual, no lid. Denton Lahner, 116 N. 4th St., Reading, PA 19601-3902. (610) 796-1241

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FOR SALE: Eico Model 221 VTCM, very good condition, serviced, fine, no probes - \$38. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

FOR SALE: A.R. books #25 to 300 - \$4 ea. + shipping. Louis L. Veltre, 188 Pulaski Blvd., Toms River, NJ 08757-6459

FOR SALE: Beautiful RCA 66X9 no scratches, no cracks tortoise case - \$500. H.N. Felder, 7517 Granada Dr., Bethesda, MD 20817

FOR SALE: Dukes of Hazard novelty radio - \$65. Gary Arnold, 293 East Oak St., Marion NC 28752. (828) 652-6893. E-mail: NoveltyRadio.com

FOR SALE: Minifon, FiCord, Dokorder, Trix, Stuzzi mini recorders. Call, e-mail for list. Jon Golden, PO Box 715, Carlisle, MA 01741. (978) 371-5557. E-mail: jon@make3dimages.com

FOR SALE: Book: Radio For the Millions, 1945, good cond. - \$18 ppd. Jim Kluck, 8372 Snowbird Dr., Huntington Beach, CA 92646. (714) 536-6871. E-mail: jkluck9327@aol.com



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WANTED: Acrosound TO350, any Western Electric theater/audio amplifiers, woofers, horns, drivers, tweeters, receivers, monitors, transformers: 117A, 124C, 142A, 25C, 750A, KS6386, KS12027, 713B, 597A, 757A, 618A/B. Ming Yang/ICEC, 1995 University Ave., Ste. 119, Berkeley, CA 94704. (925) 376-4220. E-mail: wesys@aol.com

WANTED: Harvey-Wells SM-1 station monitor, schematic, manual; TBS-50-B only and TS-90 xmtrs. Kelly, W8GFG, 9010 Marquette, St. John, IN 46373. (219) 365-4730

WANTED: Western Electric radio items. Igor Goloto, 17 Addison Dr., Fairfield, NJ 07004. (973) 884-6468. E-mail: goloto@lucent.com

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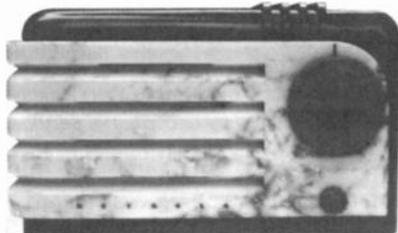
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WANTED: Collector looking for large collections of ham, shortwave radios, also tube hi-fi gear, parts. NY tri-state area. Juan Remus, 2 Springbriar Ln., Kings Park, NY 11754. (631) 544-6004



WANTED: More prewar plastics by Detrola, RCA, Kadette, Air King, et al. Take all my money before the relatives do. They are trying to hurry my already imminent demise. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: UTC (A/HALS), WE111C, Triad RA6, Skully 260 electronics, old broadcast equipment, old product literature, catalogs, manuals (recording broadcast), trades. Mark Hughes, 718 6th Ave. S, Nashville, TN 37203. (615) 242-2907. E-mail: MarkHugh@aol.com

WANTED: Any model Victoreen receiver, kit, Victory parts, printed materials, reviews, advertising, etc. Donald Stephan, W8TST, 14909 Lake Shore Blvd., Cleveland, OH 44110-1224. (216) 481-5107. E-mail: dstephan1@visn.net

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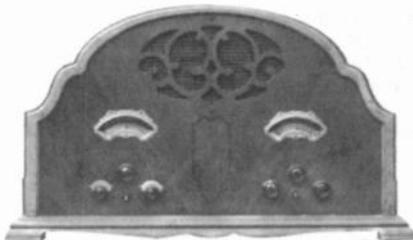
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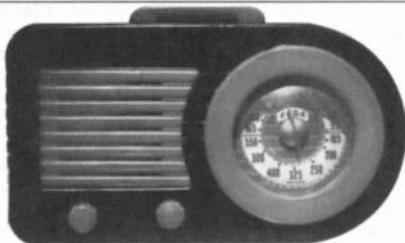


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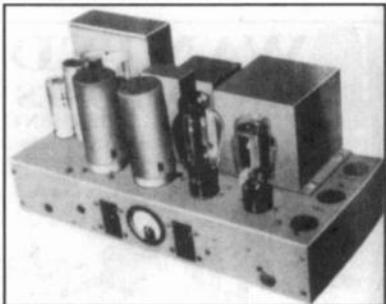
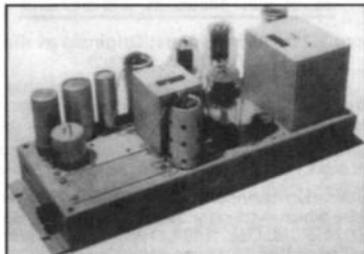
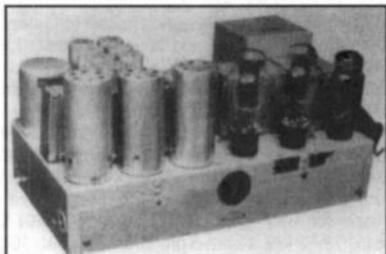
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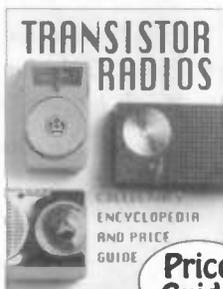
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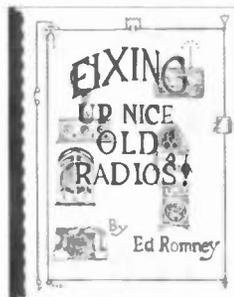
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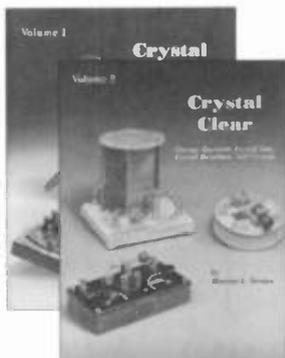
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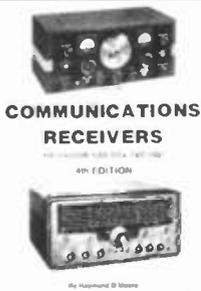
Antique Radio Restoration Guide, 2nd Ed. by Johnson. *Beginner's introduction to troubleshooting and repairing AC table model radios. 145 pages. — \$14.95*

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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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(Mar-02)

WANTED: RCA 121 or GE K64 chassis, speaker. Mark Hewitt, 6659 Tipperary Tr., Roscoe, IL 61073. (815) 623-8729. E-mail: mhewitt@inwave.com

WANTED: One decanter and glass for the Pla Pal Pokeradio c. 1934. Joseph DiCaro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. (905) 848-7759. E-mail: decoradio@primus.ca

WANTED: To buy Radio & TV News magazines, 40s-50s. Mallory Radio Service Ency, late 30s. Clem J. Petrick, RR1 Box 79, Portland, ND 58274. (701) 786-4003, eves.

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WANTED: RCA console Model C6-12, 2-band, looks same as Model C6-2 shown in Stein's Console book, page 151, need not work, but must be in good overall condition. Bill Bickers, 144 Skylane Ct., St Simons Island, GA 31522. (912) 634-3488. E-mail: jukebox@technonet.com

WANTED: Need following parts or parts chassis for Zenith 5R080-5R086 (1) dial light, Zenith part #100-67 Type 47 (2) reject switch (record changer switch) Zenith part #85-338 (3) phonograph needle, no known part number. Contact: Vince Lobosco, 151 Farley Ave., Fanwood, NJ 07023-1060. (908) 322-4512. E-mail: vlobosco@comcast.net

WANTED: Operator's manual for Heathkit capacitor checker Model IT-11, copy or original. Martin Gottstine, 11136 79th St., Pleasant Prairie, WI 53158. (262) 948-0421. E-mail: mlgotstine@worldnet.att.net

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WANTED: Rare, early or unusual Japanese transistor radios. Sony, Standard, NEC, National, Toshiba, others. David Mednick, 10 Doe Dr., Wesley Hills, NY 10901-2302. (845) 354-5041. E-mail: davemed@optonline.net Web: <http://mednick.homestead.com/Mednick.html>

WANTED: Echophone S5 chassis, any condition considered. Drew Rittland, 2221 Hoyt Ave., Everett, WA 98201. (425) 258-4025. E-mail: drewr@eskimo.com

WANTED: Tube setup chart, schematic, operating instructions for EMC Model 208 tube tester. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174 (630) 584-5915. E-mail: dfoxradio@aol.com

WANTED: Please help us resurrect the dead... radios! Radio chassis from 1930s-40s, knobs, speakers and lightning arrestors. Bob Eslinger, Antique Radio Restoration & Repair, 20 Gary School Rd., Pomfret Center, CT 06259. (860) 928-2628. E-mail: bob@oldradiodoc.com

WANTED: 1940s tabletop, porthole, televisions, round screen, all types/makes. FOR SALE: Browning BLR-15 FM tube receiver. Charles Zafonte, 364 Charette Hill Rd., Fort Kent, ME 04743-1939. (207) 834-6273. E-mail: kwazydude@hotmail.com

WANTED: Info or photos of chassis for Thompson Minuet, cathedral (Douglas, Vol. III). Bezel for Midwest 20-38. Thanks. Ted Depto, The Phico Collector, 913 5th Ave., Patton, PA 16668. (814) 674-8834

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FOR SALE: EICO 950 res/cap checker, leads/manual – \$29. Simpson 260 VO meter – \$35 + postage. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244. E-mail: slbon@erols.com

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FOR SALE: Antique radio schematics plus data still only – \$3 postpaid. Joseph R. Forth, 321 Long Vue Acres, Wheeling, WV 26003. Fax: (304) 277-3154. E-mail: wa2trt@ovis.net

FOR SALE: Rider's volumes 7-12 – \$79, or \$20 ea., vol. 7 – \$25, plus shipping. Kirk Ellis, K14RK, 203 Edgebrook Dr., Pikeville, NC 27863. (919) 242-6000. E-mail: ekirkellis@earthlink.net

FOR SALE: One that's really rare. Harold Greenwood's (W9MEA) personal copy of A Picture Album of Wireless and Radio 1905-1928, autographed along with prices written in longhand under the items he purchased 30 years ago. This catalog is the front-runner of Vintage Radio 1887-1929 and A Flick of the Switch 1930-1950. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253. (480) 947-1375

FOR SALE: More goodies: King-Henners (Silvertone?) 5-tube battery set, 1925, it's all there with all tubes, nice piece – \$145. FADA Model 192-A battery set, all original with all 5 tubes, classic style – \$160. Philco high-end 10-tube chassis for Model 37-11 cabinet, has tele-dial system with shutter-dial, includes all tubes – \$55. Philco Model 37-610 shouldered tombstone, nice looker, works – \$110. Majestic classic shouldered tombstone, excellent, works fine – \$185. Grundig 2066 table radio, works – \$65. Magnavox Cornell cone speaker, works – \$30. Temple Air-Chrome cone speaker, repwood, needs complete restoration – \$15. Boudette Sonochorde round cone speaker, needs new red grille cloth – \$20. Shortwave sets: Hallicrafters S-38E – \$50; S-42 – \$350; S85 – \$195; S-86 – \$195; S-120 – \$50. Heathkit HR-1680, with matching spkr – \$150. Zenith A-600 T/O, nice – \$125. National Panasonic RF-4900, top-end multi-band, with manual – \$245. Realistic DX-150, with BFO – \$150. National NC-183, with matching speaker, excellent – \$325. National NBS-3A, nice excellent, working – \$325. Drake SPR-4, hi-end receiver, excellent – \$285. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649. (508) 477-1578, before 9 p.m. please. E-mail: radio-1@atbtbi.com

FOR SALE: Any tube radio repaired – \$35 plus parts. Send for information. Chucks Radio, 167 Lynn Dr., Box 598, New Haven, WV 25265. (304) 882-2220

FOR SALE: 50 N.O.S. television tubes, not tested – \$20 plus \$10 shipping. Wayne Hamilton, PO Box 220, Tupper Plains, OH 45783-0220. (740) 667-6667

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WANTED: Volume 12 of AWA Review published by Antique Wireless Association. Mike O'Brien, 1031 E. University St., Springfield, MO 65807. (417) 887-0373. E-mail: KYMY@att.net

WANTED: Chassis for Crosley Oracle 59 clock and for Ozarka Armada 78 treasure chest. Bruce Hering, 41120 State Highway 13, Waseca, MN 56093-4217. (507) 835-5619. E-mail: bthering@hickorytech.net

WANTED: Octagonal shaped Crosley knob about 1/3 16 inches across at the base. Claude Chafin, NØFMO, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-4518. E-mail: NØFMO@msn.com

WANTED: Wired remote control for Westinghouse 8r and RCA/GE console. Barry Kasindorf, 1 Heights Rd., Franklin, MA 02038-3411. (508) 528-0026. E-mail: barry@barrykasindorf.com

WANTED: Display table for Radiola 20A. David Wunsch, 111 Louise Rd., Belmont, MA 02478. (617) 489-0079. E-mail: David_Wunsch@UML.edu



WANTED: DC ammeters, aircraft instruments, panel meters. Meter books & gauge catalogs. Photos of meters & control panels. Chris Cross, Box 94, McConnell, IL 61050

WANTED: Seeking old issues of RCA Broadcast News magazine. Private collector. Gilbert Smith, 248 South 36th St., San Diego, CA 92113-1613. (619) 236-7990. E-mail: radioman63@yahoo.com

WANTED: Manual for B&K Dyna-Quick tube tester, Model 650. Dick Myhr, 5655 Nakat Way, Blaine, WA 98230. E-mail: rjmaz@juno.com

WANTED: Jensen Model Q hi-range horn speakers. Richard Brisson, 159 Grandpre Court, Navan, Ontario, Canada K4B 1K3. (613) 830-0379. E-mail: hagein@ca.inter.net



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WANTED: Hallicrafters SX100 general coverage receiver, Mark 2 preferred, excellent operating condition, others considered. J.L. Lillie, PO Box 128, Onondaga, MI 49264. (517) 628-3531

WANTED: Eveready Model 1 and 3 speakers, horns, cones, 20s battery sets, loop antennas. Joe Chambers, 6967 Kimberly Ln., Lithia Springs, GA 30122. (770) 819-0822

WANTED: E.H. Scott! E.H. Scott! E.H. Scott! Interested in Scott battery and AC sets, military, accessories, advertising and literature. Check with us before selling your items - we are very serious Scott collectors. Radio Daze, LLC 7 Assembly Dr., Mendon, NY 14506. (585) 624-9755. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: A 4 pin molded tube sockets, either Amphenol or Cinch, paying \$1 ea for new ones. James Fred, 5355 S 275 W, Cutler, IN 46920

WANTED: Knobs for Zenith console Model GR08, see SAM 7-34. (1) knob for Motorola table radio Model 67X11, SAMs set 11-20. Charles & Vena Guillory, 15728 Trails End, Conroe, TX 77384-3560. (936) 273-1685. E-mail: chasguillory@aol.com

WANTED: 120 volt line cord to fit rear of Zenith 7000-Y input. C. Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

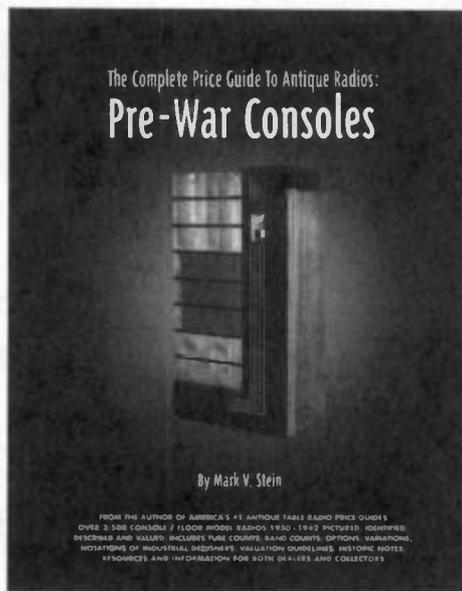
WANTED: Zenith Model 103 hi-boy, 1931 & Zenith 1-R and 2-M, 1922. Thanks. Chris Hicks, 57 Jameson Hill Rd., Clinton Corners, NY 12514. (845) 266-4257. E-mail: hicksriley@earthlink.net

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WANTED: Sams TR, TSM, MHF. Have some TSM, AR folder sets for sale. Gary A. Micanek, 226 Henry Ave., Manchester, MO 63011. (636) 227-7046. E-mail: micanek@aol.com

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(Oct-02)

FOR SALE: RCA 8-X541, vg - \$50. Admiral 6Y18, vg - \$60. Radiola 61-1, vg - \$55. Gilbert Simpson, 18 Beechwood Dr., Ansonia, CT 06401. (203) 734-4085

FOR SALE: From an estate. Hallicrafters S-38B - \$50. Dumont 274 oscilloscope, very good - \$50. Eico 460 factory-wired 5-inch oscilloscope, very good - \$50. H.P. Hood AC voltmeter, excellent condition - \$50. All items plus shipping. Roger Snowdall, W0KWWJ, 8405 Everett, Raytown, MO 64138. (816) 356-0396

FOR SALE: Tubes: \$2 ea. 6J5, 6J7, 6L7, 6N7, 6F5, 6F6, 6S7, 6SS7, 6SH7, 6SF5, 6SR7, 6SA7, 6X5, 12SG7, 12SX7, 12BE6, Ioktals, VRs, others. Thanks. James Wright, 4307 Hwy. 166N, Maynard, AR 72444. (870) 647-2913

FOR SALE: Crystal radio kits, complete with face panel, baseboard, variable capacitor, prewound coil and many parts for old style radio. Remit - \$22.50. Carl & Grace Ent., 5636 Romeyn, Detroit, MI 48209

FOR SALE: Power supply, vintage WWII, gold contacts, 110/220, 6 outputs 150/150/25/25/10/2.5, very heavy, pickup only - \$450. Mel Goldberg, 1472 Gunpowder Rd., Rydal, PA 19046. (215) 572-0231. E-mail: judibake@comcast.net

FOR SALE: U.S.S.R. SW portable, VEF-206, vg cond. & working - \$30. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (323) 661-1221

FOR SALE: GE Radio Service Guides Vol. III (1946-1961), Vol. IV (1961-1963), Vol. V (1963-1965), Vol. VI (1965-1967), Vol. VII (1967-1969) - BO + shipping. A-1 Radio & TV, 1402 Mather Ave., Utica, NY 13502. E-mail: tiesthatbind1527@aol.com

FOR SALE: Radio Engineering, 6 issues, 1928, 1931 - \$28. National Radio Institute, 29 booklets - \$45. Joe Duffin, 4 W. Central Ave., Moorestown, NJ 08057. (856) 778-1436

FOR SALE: 2,000 photos online now. Radio, audio, tubes, speakers. E-mail me for link. V. Vogt, 330 S.W. 43rd St., #247, Renton, WA 98055. E-mail: vcv mav@webtv.net

FOR SALE: Hallicrafters HA-5 VFO - \$135. Early Vibroplex Blue Racer - \$325. RME DB-23 Preselector - \$45. Richard Prester, 131 Ridge Rd., West Milford, NJ 07480. (973) 728-2454. E-mail: rprester@warwick.net

FOR SALE/TRADE: Radio, telegraph, phonograph collectibles. Visit website www.interestinggoldjunk.com. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224. (716) 675-0160. E-mail: w2ioj@interestinggoldjunk.com

FOR SALE: Arvin 632; Kadette 1024; Zenith K725; all need repair - \$25 ea. plus S&H. Bob Fuerderer, Holly Farm, 813 Rte. 12A, Surry, NH 03431. (603) 352-3005

FOR SALE: Silver Marshall Silver 6, 6-tube, 3-dial @9 - \$140. World Radio 5-tube, 3-dial - \$120. Tombstones: Imperial 5-tube, no knobs, DC pwr @9 - \$95; RCA Mod 5T a/o - \$170; RCA Mod T60 table a/o - \$65. Transistors: W/House Mod RG 13S68C @9 - \$25; Panasonic black cube, plays @9 - \$45; Juliette Mod APR-265A w/case @9 - \$15; President traveling clock radio, black case @9 - \$45. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: 0441

WANTED: Tube socket and xformer for Radiola III. Robert Hoppe, 523 Clark St., Waverly, NY 14892. (607) 565-2696. E-mail: rhoppe@infoblvd.net

WANTED: Lid for Atwater Kent 44. Mark Murphy, 1135 Gator Trl., West Palm Beach, FL 33409. (561) 687-1417

WANTED: R.F. choke for Zenith chassis 1204 or parts chassis used in Models 12S205, 12S232, 12S245, 12S265, 12S266, 12S267, 12S268. Richard Ender, 806 Lee St., Milan, MI 48160. (734) 439-2545. E-mail: rmend@provide.net

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WANTED: Anything by David Grimes: radios, advertising, ephemera, stories, literature, references. Please contact: Mike Grimes, K5MLG, 3805 Appomattox Cir., Plano, TX 75023. (972) 867-6373. E-mail: grimesm@flash.net

WANTED: Nice Zenith 10-S-130 tombstone. Mike Tiemann, PO Box 1405, Hereford, AZ 85615. (520) 940-0640. E-mail: mltiema@earthlink.net

WANTED: Square wooden knobs for Majestic console radio Model 776 or 766 Lido. Barry Rahman, 1022 7th Ave. S, Fargo, ND 58103. E-mail: b4tv@yahoo.com

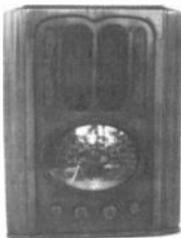
WANTED: 120 ohm electromagnet for a Western Electric Telegraph Sounder, or a source to repair my present one, seems to have an open. V.R. Vincent, 607 S. Delaware St., Conrad, MT 59425-2510. (406) 278-7039

WANTED: Crosley 124 one piece tube shield. David D. Kaiser, 375 Yarmouth Rd., Rochester, NY 14610. (585) 654-6604. E-mail: ddk375@frontiernet.net

WANTED: Zenith 25 tube Stratosphere or cabinet, any condition. Will trade from vast supply of fine radios or buy. Will pick up. Alan Jespersion, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 11 am-5 pm Tues.-Fri., Sat. 10-3. Fax only: (612) 824-3600. E-mail: mte612@aol.com. Web: gn4radios.com

WANTED: Radio coils: Miller, Meissner, Merit, Carron, Perco, Stanwyck, Millen, National, others, N.O.S. or used. Send list, condition, price. Mike Bittner, 27215 Sunnyridge Rd., Palos Verdes, CA 90274. (310) 377-4797

WANTED: Pathé disc motor. Will trade Victor. Need information on Pathéphone #50. TCM, PO Box 363, Rotterdam Junction, NY 12150-0363



WANTED: Simplex Model NT tombstone radio. Two bands, 4 knobs and 10 tubes including Eye Tube. Contact: Charles Poplin, 3518 Courtland Dr., Durham, NC 27707. E-mail: popawapado@wmconnect.com

WANTED: Any Cardwell broadcast sets from 1922-3. Merrill Bancroft, 169 S. Row Rd., Townsend, MA 01469. E-mail: ritareo@juno.com

WANTED: 5TP4 picture tube, electronics & optics for 1949 RCA projection TV. NIB 19AP4 CRT. Garrard RC-50 & RC-60 78RPM record changers, any condition. Jeffrey Kyle, 509 Meadowview Rd., Heath, TX 75032. (972) 771-2608. E-mail: jeffkyle1@aol.com

WANTED: Paying top dollar for Zenith tan military Trans-Oceanic R520/URR, mint, complete with manual, working condition. Kenneth F. Cerva, 3851 Harbor Hts. Dr., Largo, FL 33774-1209. (727) 584-6471

WANTED: Buying Western Electric tubes: 300A, N.O.S. \$1,025, used \$675; 274A/B, N.O.S. engraved base \$325, used \$250; 252A, N.O.S. \$1,225, used \$675; 205D, N.O.S. tennis ball shape \$675, used \$475 engraved base; tubes subject to testing. Call, fax, write or e-mail to: George Stagakis, 1714A 41st St., North Bergen, NJ 07047. (201) 867-9136. Fax: (201) 867-4044. E-mail: georgestv@aol.com

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WANTED: Toy gramophones in any condition, photograph will be appreciated. David Row, 5 Omar Khayyam Ave., Singapore 788531. E-mail: row50ka@singnet.com.sg

WANTED: General Industries Flyer 78 turntable, flips records off of platter, working or not. Frank Drost, 1120 Scarborough Ln., Woodbury, MN 55125. (651) 406-1266

WANTED: 8-16-35mm original sound projector repair manuals, schematics, wiring diagrams, instructions and owners manuals. Clyde Powell, 3822 Edwards, Chattanooga, TN 37412. (423) 867-3200

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WANTED: Bakelite screw-on bell for Trimm concert horn speaker, 3 1/2" diameter at screw. Charles Combs, 508 E. Daniel, Albany, MO 64402. Ph./fax: (660) 726-3038

WANTED: Book by Nils Schiffhauer Oldie-KW-Empfänger. Harry A. Weber, 4845 W. 107th St., Oak Lawn, IL 60453-5252

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WANTED: Literature for Transvision 7 inch television sets, buying 7 inch Transvision and other brands, and 32 volt Delco radios. Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. (859) 484-9393. E-mail: charper@kyk.net

WANTED: Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irena, Valencia, CA 91355. 1-661-259-2011

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>.

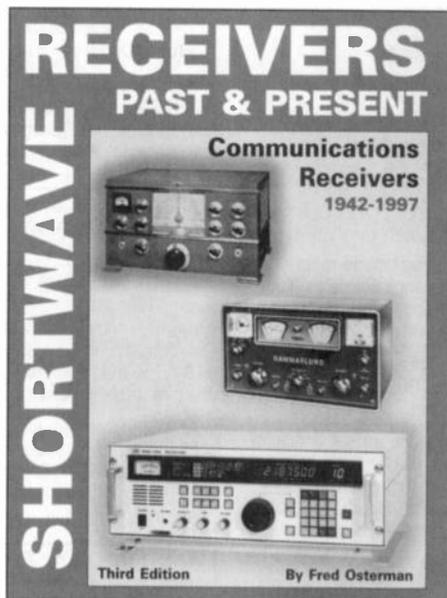
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WANTED: Galena crystals or crystal diode. That with cat whiskers but not complete set. David Row, 5 Omar Khayyam Ave., Singapore 788531. E-mail: row50ka@singnet.com.sg

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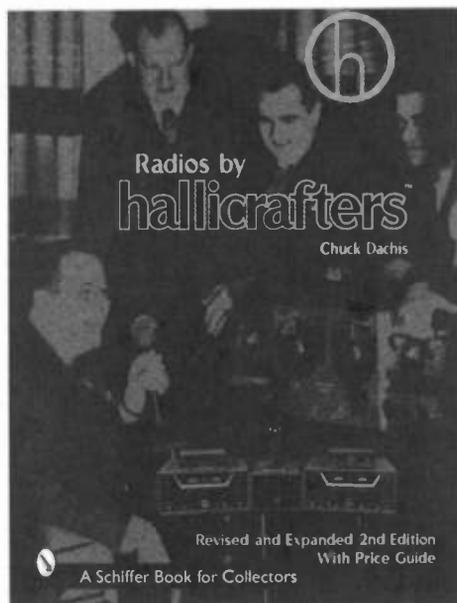
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(FRIb 02)

FOR SALE: Working RCA 100A speaker - \$60. Philcos: 46-420 - \$25; 51-530 - \$25. Emerson 268 - \$75. Silverstone 15 - \$20. Regal 205 - \$30. Motorola 5T - \$75. Tom Guastella, 1633 West 11th St., Brooklyn, NY 11223. (718) 256-8367

FOR SALE: AK breadboard 4700 w/5 tubes. 53H Motorola red, beautiful cond. Stewart-Warner dancing girl, speaker, exc. Hallicrafters S53A, exc. Arvin 444A ivory, beautiful. Radiola III, like new. Emersonette 540, no cracks, exc cond. orig. 40X56 RCA World's Fair radio, exc cond. Some items available from last month. Have some Philco & other brand cathedrals & tombstones. Call for information. Bill Kalcik, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, after 9 pm CST

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FOR SALE: Coyne radio and TV books, 6 volume set, 1950s - \$50 OBO. Gerald Scott, PO Box 2731, Elko, NV 89803

FOR SALE: Eico #666 Dynamic Conductive tube tester - \$40. Scott 601 chassis - \$90. Federal 200 panel radio - \$450. Grunow 470 - \$90. Zenith H-500 - \$130. Zenith H-500 - \$110. Old Call Of The Wild game caller - \$15. Electric auto ant. - \$15. Zenith RD70BOY - \$375. RCA 6E43 record player - \$75. Westinghouse H122A - \$30. Zenith 6D2615 - \$45. Majestic Super B, power supply - \$20. RCA T55 - \$45. Heath Kit Training Lessons & Allied Catalog - \$15. Philco 40-150 - \$100. Childs phono - \$15. 15" Dynamic speaker - \$30. AK bead E cone speaker - \$75. AK max L - \$100. Apex #36 \$55. Walt Wrabek, 10750 159 Ave. Menahga, MN 56464

FOR SALE: Handbook for EE by Pender 1914 good condition 2,023 pages - \$35 BO. Philco 20 WT - BO. Dave Schmidtke, W0BE1, 1101 N.E. 1st St., Fairbault, MN 55021. (800) 500-8055. E-mail: daveschmidtke@lakes.com

FOR SALE: 17" Philco, blonde, Predicta, looks, plays good - \$600. 5" Motorola VT71B-A, good - \$350. Also make offer on: 10" Hoffman table Model CH 142; 12" Hoffman table model; 21" Philco Predicta 6424L. James R. Lopaz, 5467 South 975 East, Ogden, UT 84405. (801) 476-1470

FOR SALE: Tubes, radios - tube & transistor, books, parts, more. Lists, 18 pages LSASE. WANTED: Chassis: Kennedy #21, 30, 32; King #80; AK #33. Bill Horn, 13110 Marsh Rd., Bealeton, VA 22712. E-mail: wehcoll@earthlink.net

FOR SALE: Town Crier Model 38CT radio wood lantern, excellent condition - \$100 plus shipping. Michael Leopold, 788 Duxbury Ln., Bartlett, IL 60103. (630) 289-8788. E-mail: mlradios@aol.com

FOR SALE: 32V-6V DC radios. 32V-6V winchargers. Appliances, fans, irons, drill, sweeper, electric motors. Ray Miner, 1215 Ave. B, Ft. Madison, IA 52627. (319) 372-1271

FOR SALE: RCA 56x2 - \$25. Delco R1410 - \$20. Airlite 25BR1542A - \$35. Hallicrafters S40B - \$55. Sencore TC162 tube tester \$20. All prices plus S&H. Bryan Tennyson, 6109 Oakland Park St., Meridian, MS 39307. (601) 482-3723.

FOR SALE: Abbotsware Horse, fair - \$125. Crosleys: 56TD - \$70; 58TL - \$35; JC8TN, cr - \$30. FADA 1000, wood - \$35. GE 521 - \$25. Philco 48460 - \$35. Silvertones: 9000 - \$35; 4566 AM/SW, wood - \$65. Truetone D910 AM/SW - \$65. Many more tube and Japanese transistors. LSASE or email. Specify which list. JPGs on individual sets. H.B. McMahan, 313 W. Shaw, Tyler, TX 75701-3029. (903) 593-5433

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FOR SALE: Radios: tube, transistor novelty, and more for show and sale at <http://www.Radiotiques.com>. Jeffrey Goldstein, 4 Curry Ct., Wilmington, DE 19810

FOR SALE: Classic wooden antique radios, must clean house to move. 1929 Philco 87, gorgeous, wooden highboy console, one complete plus extra for parts - \$200. 1927 Kolster 6J, fully restored wooden table radio - \$140. 1927 Atwater Kent 36, first AC powered AK, power supply needs rewiring - \$125. 1942 Philco 42-350, wooden table radio - \$70. 1934 Atwater Kent 145, wooden tombstone radio, needs veneer work - \$125. 1946 Philco 46-431 - \$45. Military AN/PRC-6 Walkie Talkies. (2) complete but not operating - \$100 for both. Buyer pays shipping. Paul Sass, 70 Hampton Dr., Freehold, NJ 07728. (732) 431-5263. E-mail: psass@optonline.net for additional photos, details

FOR SALE: International Crystal tube CB, Executive Model 100D with manual - \$50. Nathaniel Baldwin headphones - \$35. Assorted N.O.S. Zenith TV components - \$10. Meissner FM tuner, 50s vintage, wood - \$50. Emerson 830, 50s vintage, plastic - \$50. Weston Model 901 volt meter, mirror back - \$20. All plus shipping. Harry M. Books, Jr., W3PSU, 699 Red Mill Rd., Eters, PA 17319. (717) 938-6694. E-mail: w3psu@webtv.net

FOR SALE: Service manuals for commercial and consumer VCRs, cameras, video monitors and more. Brand names include: Sony, JVC and Panasonic. E-mail or SASE for list. Pete Austin, 1909 Exchange Ave., Oklahoma, OK 73108. E-mail: daustin55@hotmail.com

FOR SALE: Zenith 9S367 console - \$495. Stewart-Warmer tombstone - \$190. GE 321 - \$35. Zenith T723 AM/FM - \$25. Paul Anderson, 82 Lowery Dr., Southington, CT 06489. (860) 628-0618. E-mail: andersn0pj@aol.com

FOR SALE: Hammarlund Super Pro - \$175. Viking I - \$175. DX 100 - \$175. National NC125 - \$175. National NC60 - \$100. Ernest Odeneal, K5QJF, 2710 Lee, Greenville, TX 75401. (903) 455-2113, (903) 455-5788, (903) 455-2710. E-mail: odeneal@geusnet.com

FOR SALE: Crosley 51 portable, with manual - \$300. Westinghouse RA - \$165. La Belle xtal set - \$275. Steve Wallace, 3707 Pricetown Rd., Fleetwood, PA 19522. (610) 944-7230. E-mail: kkks@epix.net

FOR SALE: Philco 20 cathedral - \$175. **WANTED:** Midwest/MIRACO AC-9 chassis, speaker, knobs. Mark Gutekunst, 2600 Martin Rd., Willow Grove, PA 19090. (215) 657-8958. E-mail: gutekunstm@aol.com

FOR SALE: Restorable GE A82, speaker missing and tuning gang frozen, good cabinet - \$50 plus shipping. Robert Rossi, 10936 Melbourne St., Allen Park, MI 48101

FOR SALE: Zenith H-500, G-500, 11-12, 10S669, more, inquire. "Indiana" three dial battery set, 1920s. VT25As. Philco 60 chassis. AK 42 & E type speakers. Much, much more. Send want lists. Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: radiowilbur@aol.com

FOR SALE: Zenith cathedral 805, g - \$150. Motorola 55MIU, ex - \$55. Crosley 9-302, g - \$25. Buzz Miller, 725 Mt. Rock Rd., Carlisle, PA 17013. (717) 776-3279. E-mail: buzzm@sprintmail.com

FOR SALE/TRADE: Westinghouse WR-8 Columnaire, Deco. Grandfather clock radio, circa 1934. Philco 70, damaged - \$150. Crosley 158 cathedral. AK 165, 184. Zenith 10S464, 10S669, no shipping on above. Zenith TO parts 1946-1959. **WANTED:** Radio advertising clocks. Delivery to MARC show/swap Sat. Nov. 9th Kalamazoo, MI. Bill Timoszyk, 35283 Leon, Livonia, Mich. 48150. (734) 421-2076. E-mail: billt34@yahoo.com

FOR SALE: Edison/Bell cathedral - \$275. Hammarlund receiver. Scott chrome chassis. Silvertone 640 - \$75. Emerson 706-B - \$60. Home brew 1 tube - \$75. Rest of list are all Philcos: 70 cathedral - \$325; 84 cathedral - \$130; 116 tombstone - \$130; 620 tombstone - \$130; 514 w/speaker - \$150; 49-901 - \$110; 41-250 - \$100; PT-25 - \$65. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200

FOR SALE: Marantz Model 2220, Gyrotune, FM stereo receiver - \$50. Collaro Conquest turntable, owners manual, wood base, no cart. - \$15. Delmonico tube AM/FM-mono and original speakers in homemade cabinets - \$15. Plus shipping. Dick Friedman, 1502 Elmwood, Wilmette, IL 60091. (847) 256-3260

FOR SALE: Phil Collins radio book - \$10. Radio News - \$2.50. Evolution for Radio, 216 pages - \$15. Sams photofact picture guides volumes 1, 4 & 6 - \$10 ea. Bunis Antique Radio Guide, 216 pages - \$10. Bunis Guide to Transistor radios - \$10. 1996 Sams annual index - \$5. Ron McGee, 217 Crestbrook Dr., Jackson, MI 49203. 517-789-6400. E-mail: rjmcgee@voyager.net

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FOR SALE: Thick RCA Victor Radio Service Book 1938-42, covers rough, pages good - \$25 + postage. Donald M. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: dmradios@aol.com. Web: <http://members.aol.com/dmradios/xstr.html>

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P.S. There are more gift ideas
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By Alan Douglas



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(Feb-02)

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Volume 2: \$29.95

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(Feb-02)

SERVICES: Rider/Sams schematics, 1920-1970 - \$4 ppd. Send make/model to: Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94551. (925) 447-9365. E-mail: lerche@attbi.com

SERVICES: Hickok factory authorized contact person, offering affordable, professional service, calibration and technical assistance. **FOR SALE:** #1 = New replacement meters for Hickok. Now taking orders for all new replacement quality meters for Hickok 533A, 600A, 800, 800A, 539A, B and C, 6000, 6000A - \$134.50 each. Please respond ASAP for more details. #2 = Exclusive jobber for new solid wood carrying cases for Hickok and military tube testers. Your choice of custom, master crafted, solid oak, walnut, cherry or maple with dovetail ends and sides. Furniture grade matching plywood top and bottom, natural finished. All new hardware. Oak - \$150 to \$195. Other hard wood, add \$10. Also furniture quality cabinets for high end audio amps. and tuners. Ask for quality quotes. #3 = Distributor for Radio Battery Eliminator. Introductory offer - all new affordable, compact, quality battery eliminator power supplies. Specifications: 1 adjustable A voltage 1v to 7Vdc @ 1.7A. 5 B voltages: 22v, 45v, 67v, 90v and 135v @ 30 MA total. 9 C voltages: -1.5v, -3.0v, -4.5v, -6v, -8v, -10v, -12v and -15v plus 1 adjustable from -15v to -30v @ 10 MA. A total of 15 separate voltages available at any one time. Kit with all components including power transformer to fit on a 4.8" x 4.0" P.C. board. Kit includes: * PC, board with solder mast, * new PC board mount power transformer, * all circuit components, * screw output terminals, * full layout and instructions, easy to assemble and use. Kit only - \$85 or built and tested - \$115. Will ship flat rate with insurance for \$15 U.S.A. only. Unit will power most old battery radios, farm sets & portables. Ideal for test bench. #4 = Learn efficient radio repair. Do yourself a favor and cut your old radio troubleshooting time by as much as 90%. Learn to service and align radios like the pros. Enjoy eliminating troubles an entire stage at a time. Stop the hit and miss time wasting unnecessary voltage and resistance reading. Measure your service time in minutes instead of hours, days or could not fix it at all. Bring'em back alive by using this hands on, easy to understand, 100 page copy of Service By Signal Substitution (S.S.S.), originally published by a Precision Apparatus Co. engineer. No deep theory. I have used the signal substitution service principal professionally for over 55 years. It works. Only - \$15 including S&H. #5 = Refurbished test equipment. Get started now with refurbished and calibrated tube testers, signal generators, V.T.V.M., condenser testers, etc - \$85 and up. #6 = Accessories. 7, 9 pin miniature & octal socket savers - \$15 ea. Set of 4, 5, 6, 7 pin test adaptors with obsolete tube test data for Hickok 6000A - \$65. Pre-punched cards for Hickok cardamatics - \$1.50 per card. Red & Black universal test lead set - \$15. Replacement parts for test equipment. #7 = technical data. Hickok, Eico, Heath and military test equipment manuals and tube charts. All backed by professional technical assistance if needed. As always, satisfaction guaranteed. **WANTED:** Dead or alive, complete, repairable Hickok, military and other major makers of radio test equipment. **MESSAGE:** Service that satisfies for over 59 years. Wendell E. Hall, 3 Mockingbird Cir., Jeffersonville, IN 47130. (812) 282-9709. E-mail: hickok@bellsouth.net. Web: <http://www.geocities.com/hickokrepair/WendellEHall.html>

SERVICES: All American Five-Tube, table radio, restoration special - \$49.99. 6-Tube - \$59.99. Call for details. Dave's Antique Radio and TV Restorations, 10068 Carosel Center, Syracuse, NY 13290. (315) 457-5099. Web: <http://www.borg.com/~dave2>

SERVICES: Reproduction Philco cathedral cabinets and cabinet parts for Models 20, 21, 70 and 90. Grandfather clock finials: Philco 570; GEH-91; Crosley 124. Philco colonial clock top trim and finials. Other parts inquiry. Gang tube shields: 20; 21; 70 and 90. Riders Radio Manual index 1 through 23, copies. Dick Oliver, 1725 Juniper Place #310, Goshen, IN 46526. (574) 537-3747. E-mail: dolivears@aol.com

SERVICES: Can't wait months for a quality antique radio restoration? Then call me. I'll restore your radio promptly and for a reasonable price. I bring 15 years of experience and a passion for perfection to the process. Send me your wretched radios yearning to be fixed! Mike Simos, 100 Commonwealth Ave., Merrick, NY 11566. (516) 223-1470. E-mail: mike_simos@yahoo.com

SERVICES: E-mail schematics/Riders, Sams, Beitman's, radios, TVs, SW-ham, audio, T-Os, most - \$3. Lots more. Zach Taylor, 1413 Broadway, Lincoln, IL 62656. <http://radiorelics.tripod.com>

SERVICES: Repair/replacement meters prior to 1936. **WANTED:** Meters before 1900, as is, your price. Len Cartwright, Ye Olde Meter Cellar, 23453 Rolling Hills Ct., Auburn, CA 95602. E-mail: lencartwright@msn.com

SERVICES: Antique radio repair, 50 years experience. James Sinwell, 511 Newport Dr., Greensburg, PA 15601. (724) 834-0763

Classified Ad Deadline Noon

Oct. 10 for Nov. 2002 Issue

Nov. 10 for Dec. 2002 Issue

Boxed, Photo, & Display Ads - 1st

HELP: Need 1950s hi-fi grille cloth, cream color. Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (248) 478-0990. E-mail: fromwww.thevoiceofmusic.com

HELP: Need RCA 140 audio driver #6603 and output transformer #6605. Roy Johnson, 2307 Palm Beach Ave., Pittsburgh, PA 15216. (412) 343-3032. E-mail: oldparadio@msn.com

HELP: I need service information for RCA Model RZM198E with schematic, your price. Irv Sanders, 242 Hunter Ln., Harrisburg, PA 17112. (717) 469-2185. E-mail: sparky34@junco.com

FREE: To a good home: Stromberg Carlson PA console, AM/FM tuner, mic mixer, phono, 30 m intercom. Will deliver free Boston area only. Ross Hochstrasser, 40 Walnut St., Whitman, MA 02382. (781) 447-9104

FOR TRADE: Crystal sets: Federal & Philmore, me. Baldwin phones. **WANTED:** Curta calculator. R. Robbins, 101 Quertz Hill Rd., Apt. 105, Redding, CA 96003. (530) 243-8163, before 7 pm PDT

FOR TRADE: My Rider manuals (see Sept. issue) for small Deco table top or tombstone sets. Call for more info. A. Bruno, 24 Butternut Dr., New City, NY 10956. (845) 354-8899



OHIO - Oct. 1

ANTIQUA RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.
7 pm

Info: Karl Koogle - (937) 294-8960 - karlkrad@gemair.com

CALIFORNIA - Oct. 5

CALIFORNIA HISTORICAL RADIO SOCIETY SWAP MEET & OPEN HOUSE

Pismo Beach, CA, Oceano Airport
561 Airpark Dr. - 8 am

Info: CHRS Hotline - (415) 821-9800
www.californiahistoricalradio.com

ONTARIO - Oct. 2

OTTAWA VINTAGE RADIO CLUB FLEA MARKET - MEETING

Ottawa, Ont. - The Ottawa Citizen Conference Room, 1101 Baxter Rd.
Flea Market: 7 pm - Meeting: 8 pm

Info: OVRC - (613) 832-3097
www.ovrc.org

FLORIDA - Oct. 5

JACKSONVILLE ANTIQUA RADIO SOCIETY 4TH RADIO SALE & SWAP MEET

Jacksonville, FL - Ramona Flea Market
7059 Ramona Blvd. Interstate 10, Exit 357
8 am - 1 pm

Info: Sean Olin (904) 386-8332
radiofan@bellsouth.net

ARKANSAS - Oct. 3

ANTIQUA 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 - (501) 782-8178

WASHINGTON - Oct. 5

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Anne Library
400 W. Garfield
2 pm

Info: REPS - (206) 488-9518 - www.repsonline.org

NEW YORK - Oct. 4

VINTAGE RADIO AUCTION Sanitaria Springs, NY -Rte. 188, Exit 4

Preview: 5 pm
Auction: 6 pm

Info: Goldfuss & Assoc. Auction Services
(607) 648-2228 www.goldfuss-auction.com

MARYLAND - Oct. 6

MID-ATLANTIC ANTIQUA RADIO CLUB FALL MINI-MEET

Davidsonville, MD - Rec. Center
Queen Anne Bridge Rd.
9 am

Info: Eric Stenberg (703) 780-7391
www.maarc.org

GEORGIA - Oct. 4 - 5

SOUTHEASTERN ANTIQUA RADIO SOCIETY FALL SWAP MEET

Alpharetta, GA - Fairfield Inn
11385 Haynes Bridge Rd. - Exit 9, GA HWY. 400
(770) 663-4000 - Special rate for attendees
Fri: 7 pm "No Host" dinner at a local restaurant
Sat: 8 am - Noon - Flea Market

Info: Gordon Hunter - (770) 475-0713

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.

SUBMISSION DEADLINE: 5th OF MONTH

NEW YORK - Oct. 6

**GREATER NEW YORK VINTAGE
WIRELESS ASSOCIATION - SWAP MEET**

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

Info: Chris Lieppert - (631) 471-9526
Chris Bacon - (516) 437-7106

TEXAS - Oct. 8

**HOUSTON VINTAGE RADIO ASSN.
AUCTION & PROGRAM**

Houston, TX - Bayland Park Community Center
6400 Bissonnet

6:30 pm

Info: Bill Werzner - (713) 721-2242
mingql53@earthlink.net - www.clarc.org/HVRA

WISCONSIN - Oct. 6

**WISCONSIN ANTIQUE RADIO CLUB
SWAP MEET**

Hubertus, WI - Richfield Chalet
1271 Hwy. 175

8 am -11 am

Info: Bill Engaas - (414) 328-0223
engaas@milwpc.com

VIRGINIA - Oct. 9

**TIDEWATER ANTIQUE RADIO ASSOC.
MEETING**

7 pm

Norfolk, VA - Dale's Train Station
5880 Poplar Hall Drive

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

MISSOURI - Oct. 8

**ANTIQUE RADIO COLL. & HIST. OF
GREATER ST. LOUIS - MEETING**

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

7:30 pm: Meeting, Show & Tell, Swap Table

Info: Joe Tauser - (636) 677-4973 - joetauser@cs.com

ARKANSAS - Oct. 10

**ARKANSAS ANTIQUE RADIO CLUB
MEETING - 7 pm**

Call for Location and Directions

Info: Tom Burgess - (501) 455-0773

N. CAROLINA - Oct. 8

**EAST CAROLINA ANTIQUE RADIO CLUB
MEETING - 7 pm**

Greenville, NC - Sheppard Memorial Library
Meeting Room A, 530 Evans St.

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

NEVADA - Oct. 10

**NEVADAN ENTHUSIASTS FOR
ANTIQUERADIOS - MEETING**

Las Vegas, NV - Henderson Police
Substation, 300 Green Valley Pkwy.

7 pm

Info: Cort & Eileen Ancman
(702) 312-7110

www.u2.lvcm.com/radio/near/

PENNSYLVANIA - Oct. 8

**DELAWARE VALLEY HIST. RADIO CLUB
MEETING - SWAP MEET
AUCTION**

Telford, PA - Telford Community Bldg.
Hamilton & Hamlin

7:30 pm

Info: Bill Overbeck, PO Box 847, Havertown, PA 19083
<http://pw2.netcom.com/~firstake/dvhrc.htm>

NEW JERSEY - Oct. 11

**NEW JERSEY ANTIQUE RADIO CLUB
MEETING**

Call for location and directions.

7:30 pm

Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427 - www.njarc.org

OHIO - Oct. 8

**SOC. FOR PRESERVATION OF ANTIQUE
RADIO KNOWLEDGE - MEETING**

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

7:30 pm

Info: John Pansing - (937) 299-0210
sparkinc@juno.com - www.antiqueradios.com/spark

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

MENTION A.R.C. WHEN CONTACTING CLUBS!

MARK YOUR CALENDAR

- Oct. 1 - OH, Dayton - ARCO Meeting
 Oct. 2 - Ontario, Ottawa - OVRC Flea Market
 Oct. 3 - AR, Fort Smith - ARCCFS Meeting
 Oct. 4 - NY, Sanitaria Springs - Radio Auction
 Oct. 4-5 - GA, Alpharetta - SARS Fall Swap Meet
 Oct. 5 - CA, Pismo Beach - CHR5 Swap Meet
 Oct. 5 - FL, Jacksonville - JARS Swap Meet
 Oct. 5 - WA, Seattle - REPS Meeting
 Oct. 6 - MD, Davidsonville - MAARC Fall Meet
 Oct. 6 - NY, Lake Ronkonkoma - GNYVWA Swap
 Oct. 6 - WI, Hubertus - WARC Swap Meet
 Oct. 8 - OH, Kettering - SPARK Meeting
 Oct. 8 - NC, Greenville - ECARC Meeting
 Oct. 8 - MO, Kirkwood - ARCH Meeting
 Oct. 8 - PA, Telford - DVHRC Meet & Auction
 Oct. 8 - TX, Houston - HVRA Auction & Program
 Oct. 9 - VA, Norfolk - TARA Meeting
 Oct. 10 - AR, "Call" - AARC Meeting
 Oct. 10 - NV, Las Vegas - NEAR Meeting
 Oct. 11 - NJ, "Call" - NJARC Meeting
 Oct. 12 - IN, Greenfield - IHRS Fall Meet
 Oct. 12 - NH, Nashua - NEARC Swap Meet
 Oct. 12 - OK, Oklahoma City - OKVRC Meeting
 Oct. 12 - OR, Portland - NVRS Fall Swap
 Oct. 13 - IL, Elgin - ARCI Swap Meet
 Oct. 13 - NM, Albuquerque - NMRCC Meet
 Oct. 14 - GA, Norcross - SARS Meeting
 Oct. 15 - CA, Sacramento - CHR5-Sac. Meeting
 Oct. 16 - OH, Columbus - COARA Meeting
 Oct. 16 - OH, Cincinnati - CAR5 Meeting
 Oct. 17 - OK, Tulsa - OKVRC-GCC Meeting
 Oct. 18 - NY, Highland Falls - HARPS Meeting
 Oct. 19 - OK, Midwest City - OVRC Convention
 Oct. 19 - TX, Irving - VRPS Swap Meet
 Oct. 19 - TN, Nashville - NVRC Swap & Auction
 Oct. 19 - WV, Huntington - MRT Fall Show & Meet
 Oct. 20 - NJ, Wayne - WPAL Music Extravaganza
 Oct. 20 - MD, Davidsonville - Estate Auction
 Oct. 20 - TX, Schertz - TARC Meeting
 Oct. 20 - TN, Memphis - MARC Meeting
 Oct. 20 - WA, Seattle - PSARA Meeting
 Oct. 21 - FL, Jacksonville - JARS Meeting
 Oct. 22 - OH, Kettering - SPARK Meeting
 Oct. 26 - MO, Kansas City - MAARC Auction
 Oct. 26 - NC, Jamestown/Greensboro - CC-AWA Fall Swap
 Oct. 27 - IL, Olney - Auction
 Oct. 27 - NY, Schenectady - SARC Meeting
 Oct. 28 - AL, Birmingham - AHRS Meeting
 Nov. 2 - CA, Los Altos - CHR5 Swap Meet & Auction
 Nov. 2 - Ontario, London - LVRC Meeting
 Nov. 2 - IA, Marshalltown - Auction
 Nov. 2 - MN, St. Paul - Fall Swap Meet
 Nov. 2 - WA, Seattle - REPS Meeting
 Nov. 3 - NY, Lake Ronkonkoma - GNYVWA Swap
 Nov. 3 - OH, Brunswick - BARPC Fall Auction
 Nov. 5 - OH, Dayton - ARCO Meeting
 Nov. 6 - Austria, Vienna - Dorotheum Auction
 Nov. 6 - Ontario, Ottawa - OVRC Meeting
 Nov. 7 - AR, Fort Smith - ARCCFS Meeting
 Nov. 8 - NJ, "Call" - NJARC Meeting
 Nov. 8-10 - TX, Mesquite - Convention '02
 Nov. 9 - TX, Houston - HVRA Meeting
 Nov. 9 - MI, Kalamazoo - MARC Fall Meet

MARK YOUR CALENDAR

(Continued from bottom left column)

- Nov. 9 - OR, Oregon City - NNVRS Mtg. & Swap
 Nov. 9 - OK, Oklahoma City - OKVRC Meeting
 Nov. 10 - CO, Denver - CRC Meeting
 Nov. 10 - NM, Albuquerque - NMRCC Meet
 Nov. 12 - GA, Norcross - SARS Meeting
 Nov. 12 - MO, Kirkwood - ARCH Meeting
 Nov. 12 - NC, Greenville - ECARC Meeting
 Nov. 12 - PA, Telford - DVHRC Meet & Auction
 Nov. 13 - VA, Norfolk - TARA Meeting
 Nov. 14 - AR, "Call" - AARC Meeting
 Nov. 16 - TX, Kyle - TARC Meeting
 Nov. 21 - OK, Tulsa - OKVRC-GCC Meeting
 Nov. 24 - British Columbia, Richmond - CVRS Mtg.
 Nov. 30 - CT, Windsor - VRCM Fall Swap Meet
See expanded listing for many of these events

INDIANA - Oct. 12

INDIANA HISTORICAL RADIO SOCIETY GREENFIELD FALL FOLIAGE MEET

Greenfield, IN - Riley Park Shelter
 1 block N. of US 40 on Apple St.

8:00 am

Indoor/Outdoor Swap Meet, Contest, Pitch-in
 Lunch, & Annual Elections

Info: Glenn Fitch - (765) 565-6911

Fred Prohl - (812) 988-1761

www.indianahistoricalradio.org

NEW HAMPSHIRE - Oct. 12

NEW ENGLAND ANTIQUE RADIO CLUB SWAP MEET

Nashua, NH - St. Stanislaus Hall
 Rt. 3 (Everett Turnpike) Exit 6
 East on Rt. 130/Broad St. to Pine Hill Rd.

8 am - Noon

Info: Joe Coco - (978) 343-5726

www.oldradios.com/clubs/nearc.htm

OKLAHOMA - Oct. 12

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Del City Convention
 Center, 4504 S.E. 15th St.

6 pm: Dinner - 7 pm: Meeting

Info: Frank Karner - fkarner@mmcable.com
 (405) 769-4656 - <http://members.cox.net/okvrc/>

Publicize Your Event

Submit your listing to A.R.C.
[arc@antiqueradio.com](http://antiqueradio.com) or fax: (978) 371-7129
 Or mail to: PO Box 2, Carlisle, MA 01741

OREGON - Oct. 12

**NORTHWEST VINTAGE RADIO SOCIETY
FALL SWAP/SALE**
Portland, OR - Salvation Army Rose Center
1785 N.E. Sandy Blvd.
9 am - 2 pm
Info: Ed Charman - (503) 654-7387
<http://nwwrs.org>

ILLINOIS - Oct. 13

**ANTIQUÉ RADIO CLUB OF ILLINOIS
SWAP MEET**
Elgin, IL - Ramada Inn- West Parking Lot
345 River Road - (847) 695-5000
7 am - 11am
Info: ARCI, PO Box 1139, LaGrange Park,
IL 60526 - www.antique-radios.org
clubinfo@antique-radios.org

NEW MEXICO - Oct. 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 - (505) 286-9674
ChuckBurch@aol.com - <http://members.aol.com/NMRCC>

GEORGIA - Oct. 14

**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

CALIFORNIA - Oct 15

**CALIF. HISTORICAL RADIO SOCIETY
SACRAMENTO CHAPTER - MEETING**
Sacramento, CA - Commerce Community
Bank Bldg., Room 100, 1500 River Park Dr.
7 pm
Info: CHRS Hotline - (415) 821-9800
www.californiahistoricalradio.com

OHIO - Oct. 16

**CINCINNATI ANTIQUE RADIO SOCIETY
MEETING**
Cincinnati, OH - Scarlet Oaks Career
Development Center, Entry 1
7:30 pm
Info: Tina Haucke - (513) 247-9406

OHIO - Oct. 16

**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
<http://members.tripod.com/~COARA/index.htm>

OKLAHOMA - Oct. 17

**OKVRC GREEN COUNTRY CHAPTER
MEETING**
See web site for meeting location
7 pm
Info: Curt Lutz - (918) 251-4915
OldeRadios@cs.com
<http://members.cox.net/okvrc/>

NEW YORK - Oct. 18

**HUDSON VALLEY ANTIQUE RADIO
AND PHONO. SOCIETY - MEETING**
Highland Falls, NY - Art Kinglsey Residence
7-9 pm (Call to confirm details)
Info: Peter DeAngelo - (914) 496-5130
harpsny.tripod.com

OKLAHOMA - Oct. 19

**OKLA. VINTAGE RADIO COLLECTORS
FALL CONVENTION/ SWAP MEET**
Midwest City, OK - Midwest City Convention Ctr
Intersection of Reno & Midwest Blvd.
Contact for time
Info: Frank Karner - (405) 769-4656
<http://members.cox.net/okvrc/>

TEXAS - Oct. 19

**VINTAGE RADIO & PHONO. SOCIETY
SWAP MEET & MEETING**
Irving, TX - Senter East Building
Swap: 1 pm - Meeting: 3 pm
Info: George Potter - (972) 353-4862
<http://radioremembered.org>

New Club Forming?

Let A.R.C. Help You Find New Members
Send your information to
arc@antiqueradio.com or fax: (978) 371-7129
Or mail to: PO Box 2, Carlisle, MA 01741

TENNESSEE - Oct. 19

NASHVILLE VINTAGE RADIO CLUB SWAP MEET & AUCTION

Nashville, TN - The Associated Builders
and Contractors Building (Inside)
1604 Elm Hill Pike

Swap Meet: 7 am - Noon
Walking Auction: 10:30 am

Info: Larry Chambers (615) 833-2448

WASHINGTON - Oct 20

PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA - Shoreline Museum
N. 175th & Linden Ave.
10 am-1Noon

Info: PO Box 2095, Snohomish, WA 98291
(425) 747-1323 - (206) 546-5495
<http://www.eskimo.com/~hhagen/psara.html>

W. VIRGINIA - Oct. 19

MUSEUM OF RADIO & TECHNOLOGY FALL TRADERS SHOW & MEET

Huntington, WV - 1640 Florence Ave.

Contact for time

Web: <http://zip.to/mrt>

FLORIDA - Oct. 21

JACKSONVILLE ANTIQUE RADIO SOCIETY MEETING

Jacksonville, FL - Countryside Village Mobile
Home Park Clubhouse, 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332 - radiofan@bellsouth.net
<http://community-2.webtv.net/jarsclub/JACKSONVILLEANTIQU>

TENNESSEE - Oct. 20

MEMPHIS ANTIQUE RADIO CLUB MEETING

Memphis, TN - St. Timothy United
Methodist Church, 4105 St. Elmo Ave.
2 pm

Info: Ray Eaton (731) 989-7089, reaton@fhu.edu

OHIO - Oct. 22

SOC. FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE - MEETING

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

7:30 pm

Info: John Pansing - (937) 299-0210
sparkinc@juno.com - www.antiqueradios.com/spark

MARYLAND - Oct. 20

THE RADIO HISTORY SOCIETY & THE RADIO - TELEVISION MUSEUM THE NYE ESTATE AUCTION

Davidsonville, MD - Rec Center
3789 Queen Anne's bridge Rd.

Preview: 10 am
Aucion: 11 am

Info: Brian Belanger (301) 258-0708
bcbelanger@aol.com

KANSAS - Oct. 26

MID AMERICA ANTIQUE RADIO CLUB AUCTION

Kansas City, MO - Hickman Mills Church
5809 Red Bridge Rd.

10 am - 2 pm

Info: Bob Lutz (913) 894-1327

TEXAS - Oct. 20

TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX - FFW Hall
2 pm

Info: Ed Engelken - EdEngel@gvtc.com
(830) 899-3864 - www.gvtc.com/~edengel/TARC.htm

N. CAROLINA - Oct. 26

CAROLINAS CHAPTER - AWA FALL SWAP MEET

Jamestown, NC - City Lake Park
High Point Rd.

8 am - Noon

Info: www.cc-awa.org

NEW JERSEY - Oct. 20

WAYNE POLICE ATHLETIC LEAGUE MECHANICAL MUSIC EXTRAVAGANZA

Wayne, NJ - I Pal Dr.

9 am - 3 pm

Info: (973) 655-9730

ILLINOIS - Oct. 27

13th ANNUAL RADIO CONSIGNMENT AUCTION

Olney, IL - Eric's Auction Barn
1000 Southwest - (618) 392-2343
10 am

Info: Wayne Martin - (573) 547-4292
martinwm@brick.net

NEW YORK - Oct. 27

SCHENECTADY ANTIQUE RADIO CLUB MEETING

Schenectady, NY - Schenectady Museum &
Planetarium, Knott Terrace
1:30 pm

Info: David Eilers - (518) 237-2665
<http://dadellers.tripod.com/sarc>

ALABAMA - Oct. 28

ALABAMA HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL - Homewood Public Library
1721 Oxmoor Road
7 pm

Info: Ron Westbrook - (205) 833-8035 - www.ahrs.org

MINNESOTA - Nov. 2

NORTHLAND ANTIQUE RADIO CLUB FALL SWAP MEET

West St. Paul, MN - St Croix Lutheran
High School - 1200 Oakdale Ave.

Contact for time

www.geocities.com/TelevisionCity/4544/

IOWA - Nov. 2

GENE HARRIS ANTIQUE AUCTION CENTER CONSIGNMENT AUCTION

Marshalltown, IA - Harris Antique Auction
Center - 203 S. 18th Ave
10 am

Info: Terry Stern - (641) 752-0600
www.geneharrisauctions.com

CALIFORNIA - Nov. 2

CALIFORNIA HISTORICAL RADIO SOCIETY SWAP MEET & AUCTION

Los Altos, CA - Foothill College, lot 4
8 am

Info: CHRS Hotline - (415) 821-9800
www.californiahistoricalradio.com

WASHINGTON - Nov. 2

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Anne Library, 400 W. Garfield
2 pm

Info: REPS - (206) 488-9518
www.repsonline.org

ONTARIO - Nov. 2

LONDON VINTAGE RADIO RADIO CLUB MEETING

London, Ont. - 427 Wing, 2155 Crumlin Rd.
12:30 pm

Info: Dave Cantelon - justradios@yahoo.com
(416) 502-9128

NEW YORK - Nov. 3

GREATER NEW YORK VINTAGE WIRELESS ASSOC. - SWAP MEET

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

Info: Chris Lieppert - (631) 471-9526
Chris Bacon - (516) 437-7106

OHIO - Nov. 3

BUCKEYE ANTIQUE RADIO & PHONO CLUB FALL AUCTION

Brunswick, OH - Brunswick Public Library
3649 Center Road (Rte. 303)
1 pm - 4:30 pm

Info: Kevin Grimm - (330) 928-8341

OHIO - Nov. 5

ANTIQUÉ RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.
7 pm

Info: Karl Koogle - (937) 294-8960 - karlkrad@gemair.com

AUSTRIA - Nov. 6

AUCTIONHOUSE DOROTHEUM HISTORICAL RADIO AUCTION

Vienna, Austria - Erlachgasse 90
2 pm

Info: Fax: (011) 43-1-515-60-508
kataloge@dorotheum.at - www.dorotheum.com

ONTARIO - Nov. 6

OTTAWA VINTAGE RADIO CLUB GENERAL AUCTION - MEETING

Ottawa, Ont. - The Ottawa Citizen
Conference Room, 1101 Baxter Rd.
7 pm. Flea Market - 8 pm Meeting

Info: OVRC - (613) 832-3097 - www.ovrc.org

*Clubs, have you set date(s) for your 2003
annual major meets/shows/conventions?
Submit them now for listing in Mark Your Calendar.*

ARKANSAS - Nov. 7

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH - MEETING

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

7:30 pm

Info: Paul Tucker - (501) 782-8178

TEXAS - Nov. 9

HOUSTON VINTAGE RADIO ASSN. MEETING

Houston, TX - American Legion Hall
4720 Alba

1 pm

Info: Bill Werzner - (713) 721-2242
mingqi53@earthlink.net - www.clarc.org/HVRA

NEW JERSEY - Nov. 8

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Call for location and directions.

7 pm

Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427 - www.njarc.org

COLORADO - Nov. 10

COLORADO RADIO COLLECTORS MEETING

Denver, CO - Museum of the Americas
863 Santa Fe Ave.

1 pm

Info: Larry Weide - (303) 758-8382

TEXAS - Nov. 8-10

VINTAGE RADIO & PHONO. SOCIETY/AWA CONVENTION '02

5 Auctions - Equip. Contest - Banquet
Flea Market

Info: VRPS, P.O. Box 165345, Irving, TX 75016
<http://radioremembered.org>

NEW MEXICO - Nov. 10

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 - (505) 286-9674
ChuckBurch@aol.com - <http://members.aol.com/NMRC>

OKLAHOMA - Nov. 9

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Del City Convention
Center, 4504 S.E. 15th St.

6 pm: Dinner - 7 pm: Meeting

Info: Frank Karner - fkarner@mmcable.com
(405) 769-4656 - <http://members.cox.net/okvrc/>

GEORGIA - Nov. 12

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

OREGON - Nov. 9

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

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

8:30 am: Swap - 10 am: Meeting

Info: Ed Charman - (530) 654-7387
<http://nwvrs.org>

MISSOURI - Nov. 12

ANTIQUÉ RADIO COLL. & HIST. OF GREATER ST. LOUIS - MEETING

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

7:30 pm: Meeting, Show & Tell, Swap Table

Info: Joe Tauser - (636) 677-4973 - joetauser@cs.com

MICHIGAN - Nov. 9

MICHIGAN ANTIQUE RADIO CLUB FALL MEET

Kalamazoo, MI - Kalamazoo County
Fairgrounds

9 am - 1 pm

Setup and early buyer 8 am

Info: John DenHartigh (616) 343-7072

N. CAROLINA - Nov. 12

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC - Sheppard Memorial Library
Meeting Room A, 530 Evans St.

7 pm

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

PENNSYLVANIA - Nov. 12

DELAWARE VALLEY HIST. RADIO CLUB
MEETING - SWAP MEET - AUCTION

Telford, PA - Telford Community Bldg.
Hamilton & Hamlin

7:30 pm

Info: Bill Overbeck, PO Box 847, Havertown, PA 19083
<http://pw2.netcom.com/~firstake/dvhrc.htm>

OKLAHOMA - Nov. 21

OKVRC GREEN COUNTRY CHAPTER
MEETING

See web site for meeting location.

7 pm

Info: Curt Lutz - (918) 251-4915 - OldeRadios@cs.com
<http://members.cox.net/okvrc/>

VIRGINIA - Nov. 13

TIDEWATER ANTIQUE RADIO ASSOC.
MEETING

Norfolk, VA - Dale's Train Station
5880 Poplar Hall Drive

7 pm

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

BRITISH COLUMBIA - Nov. 24

CANADIAN VINTAGE RADIO SOCIETY
BC CHAPTER - MEETING

Richmond, BC - Steveston Hotel

Time: TBA

Info: Fred Tutt - (604) 275-2033
www.canadianvintageradio.com

ARKANSAS - Nov. 14

ARKANSAS ANTIQUE RADIO CLUB
MEETING

Call for Location and Directions

7 pm

Info: Tom Burgess - (501) 455-0773

CONNECTICUT - Nov. 30

VINTAGE RADIO & COMMUNICATIONS
MUSEUM OF CT - SWAP MEET

Windsor, CT - 33 Mechanic St.

8 am

Info: John Ellsworth - (860) 673-0518
radioctr@aol.com

www.nationalcommunicationmuseum.org

TEXAS - Nov. 16

TEXAS ANTIQUE RADIO CLUB
MEETING

Kyle, TX - Railroad BBQ

10 am

Info: Ed Engelken - EdEngel@gvtc.com
(830) 899-3864 - www.gvtc.com/~edengel/TARC.htm

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.

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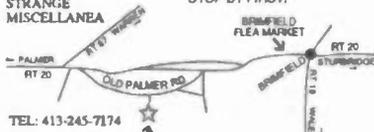
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(Oct-02)

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- 1989 Automatic Radio, Clapp-Eastham HR/HZ, Mechanical TV,* Western Electric 1920-1927, Radiola 44, Ace Radio Repair on June cover, Arvin & the Hopalong Radio, Magnavox TRF-5, A-K Crystal Set, A-K 9A, Philco Block Capacitors, Marconi 106D, Patterson PR-10, Oriole 7B. (52-68 pgs.) \$24
- 1990 First Radio Adventures.* Also California Earthquake, Transistor Radios, Cleaning Bakelite, EH Scott Telematic, Ekco Round Radios, Radiola Grand, Horn Speaker Survey, Atlantic Radio, GE 901 TV, Philco Block Capacitors, Tuska 224, RCA 816K, RCA Theremin. (88-92 pgs.) \$24
- 1991 First Collecting Foreign Sets.* Out-Of-Sight Radios, Philco 20, 90, Wilcox-Gay Recordio, A.R.C. Index '84-'90, Westinghouse RC-RA-DA-DR-RT-AR, Radio Stock Certificates, German Radios, Subminiature Tube Radios, Early Navy Radio Equipment, Gonset. (84-100 pgs. Index Issue is 148 pgs.) \$24
- 1992 Vintage Microphones, Gonset, Early Navy Equipment, Superhets of the 20s,* The Neurodyne, Telmaco, Atlantic Radio, Vintage Hi-Fi, Battery Eliminators, Radio Fans, A-K 35, RCA 648PTK TV, Repairing IF Transformers, Paragon RA-10/DA-2, A-K 21, 33, WLW, 1991 Index. (88-100 pgs.) \$24
- 1993 Arvin Metal Radios, Repairing RCA Catacombs, Philco Armchair Radios, Kenrad Crystal Set, Transistor Radios, A-K 52, Philco Cabinet Design,* Webster Electric Co., Kyletron Electrostatic Speaker, Vintage Guitar Amp, Tower Cone Speakers, EH Scott Allwave, 1992 Index. (100-104 pgs.) \$24
- 1994 Radiola I, Radiola 60 series, Pot Metal, Fada Neurodyne, Clinton Mfg. Co., Kardon Radios, Philco Cabinet Designers, Paico, SCR-609 & 610, Philco Survey, Permeability Tuning, Weston, Regency TR-1, Charles Herold, Nipper, 1993 Index. (100-116 pgs.) \$24
- 1995 Zenith Trans-Oceanic, Steinway Capehart, Ken-Rad, Radio Shop J, Freshman Master Speaker, Broadcast Equipment, Philco Survey, Power Transformers, Tube Testers,* Radio Apparatus Co., L.E. Knott Apparatus Co., Ford Museum Auction in color, Ozarka, 1994 Index. (108-116 pgs.) \$24
- 1996 Communications Receivers, KDKA, Philco Designers, Radiola IV, WJZ, Art Deco Radios, Herold Microphone, Tuning Battery Sets, Paul Godley & Paragon, Soldering, Webb Microphone Collection, Mirrored Glass Radios, Samson Electric Co., Russian Red Star, Echophone EC-1. (100-116 pgs.) \$24
- 1997 Thompson Minuet, Marconi Archive Auction Saga, Frank Krantz, Emerson Multivalve Radios, De Forest Detectors & Tuners, Remote Control Radios, Ekko Stamps, Freshman Polydyne, Vintage Audio Recorders, Selenium Rectifiers, DeForest Reflex Sets, Early Zenith. (100-116 pgs.) \$24
- 1998 Sears Commentator, 300B Tube, Replica Nameplates, Australian Radios, WMAZ, Espey, Nipper, Early Wireless, Rider's Volume 1, Pilot Radio, Browning-Drake, Army-Navy Numbering System, Cortlandt St. Radio Row,* Pooley Co., Transistor's Early History. (100-108 pgs.) \$24
- 1999 Reinartz Receiver, Cone Ship Speakers, The Internet, WebTV, Military Equipment,* Krantz Estate Auction, Atwater Kent Time Capsule, Atwater Kent Radiodyne, RCA Radiolas for 1923/24, 15th Year Special Issue, Australian Pedal-Operated Radio, Early RCA TV, Battery Set Power Supplies. (100-108 pgs.) \$24
- 2000 Early Ham Radio, Rider's Manuals, Meets & Auctions, Canadian Independent Telephone Company, Military Equipment,* Early Wireless, Wilcox-Gay, Grundig-Majestic, Recasting Metal Parts, Leutz, TV, Riga, Superhets, Loose Couplers, Musette, Nordmende, E.H. Scott, Victor. (84-100 pgs.) \$24
- 2001 Grebe, Philco, Home Brews, Airline, Loose Couplers,* Mignon, Radio Postcards, DeForest, RCA, Restoration & Repair,* Kolster, Meets & Auctions, Zenith, Million Dollar Muchow Auction, Crosley, Early Wireless, New York Radio Row,* Marconi. (84-100 pgs.) \$24

* These articles continued for one or more years and some continue today.

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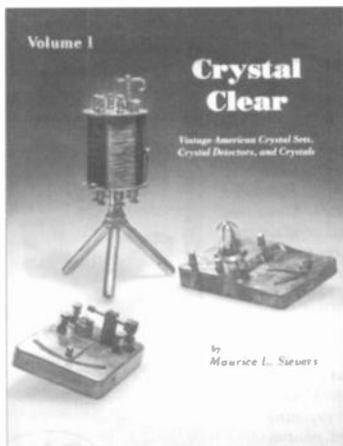
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By Maurice L. Sievers

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750 Illustrations – 570 Crystal Sets
341 Detectors – 207 Crystals
Perfect for the beginning collector!
Useful for the experienced too!

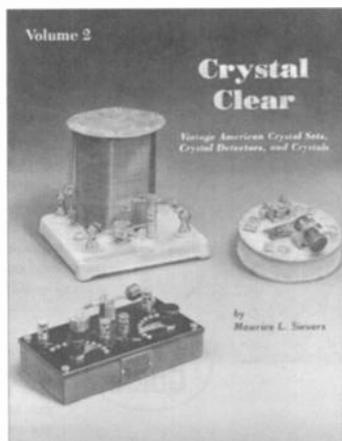
Crystal Clear is the most comprehensive reference for collectors, historians and anyone interested in early radio. In addition to the many excellent photos and reproductions of ads, *Crystal Clear* includes lists showing all sets by manufacturer, set name, selling price and date of manufacture. 8 1/2" x 11", 282 pages.

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Crystal Clear, Vol. 2 supplements the first volume. It identifies an additional 172 crystal radio sets, 91 crystal detectors and 26 crystals by manufacturer, model, year produced, description and original selling price. Further research on many of the crystal sets covered in Volume 1. Detailed history on the Philmore Manufacturing Company and the Western Manufacturing Company. 8 1/2" x 11", 252 pages.

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(Feb-02)

Books for the Collector



The Talking Machine, An Illustrated Compendium, 1877-1929 by Timothy Fabrizio and George Paul. Contains over 550 beautiful photos of external & internal horn phonographs. The authoritative text & value guide, complemented with a wealth of visuals, make this book a must in your library. 8 1/4" x 11", 256 pages. Hardcover. — **\$69.95**

Price Guide



Tube Testers and Classic Electronic Test Gear by Alan Douglas. Overview of pre-1970 radio test equipment. Discusses tube testing and use of testers. Compares emission, dynamic & mutual conductance testers. Tabulates and pictures testers from 23 different manufacturers. Over 300 photos & illustrations. 8 1/4" x 11", 163 pages. Softcover. — **\$25.95**



Price Guide

Zenith Radio: The Early Years 1919-1935 by John Bryant and Harold Cones. The first of a planned 3-book series explains the Zenith story. Never published photos, documents, and information. 300 photos and illustrations, 120 in color. 8 1/4" x 11", 224 pages. Softcover. — **\$29.95**



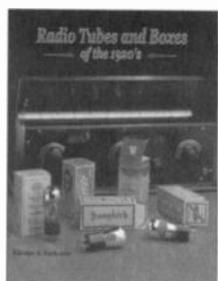
Price Guide

Genuine Plastic Radios of the Mid-Century by Ken Jupp and Leslie Piña. Illustrates mid-century table radios made of plastic as examples of industrial design and pop-culture. Vintage B&W photos and advertisements. 439 color photos. 8 1/4" x 11 1/4", 208 pages. Hardcover. — **\$39.95**



Price Guide

The Compleat Talking Machine, 3rd Ed., by Eric L. Reiss. A guide to antique phonographs. Revised price guide. Covers construction, cleaning and repairing of parts and cabinets. Over 700 pictures. 249 pages. — **\$29.95**



Radio Tubes and Boxes of the 1920s, by George A. Fathauer. A pictorial presentation of radio tubes of the 20s, including packaging and advertising. 400+ color photos and illustrations. 105 pages. — **\$26.95**

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(Mar-02)

Books About Tubes

The Collector's Vacuum Tube Handbook



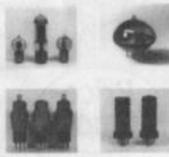
The New-IMA's
 Author's
 Revised
NEW

The Collector's Vacuum Tube Handbook, Vol. 1, Millard. *Hard-to-find electrical data on 200+ tube types that pre-date the RMA standardized numbering system (1934). Basing diagrams, photos & brief developmental histories. 196 pgs. NEW — \$25.95*

Tube Lore, Sibley. *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales. 186 pgs. — \$19.95*

Tube Lore

A REFERENCE FOR USERS AND COLLECTORS



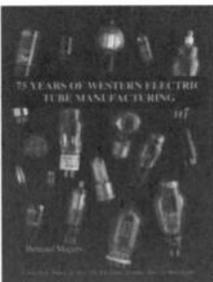
70 Years of Radio Tubes and Valves, 2nd Ed., Stokes. *The thermionic vacuum tube story from 1883 through 1960. New chapter on audio application tubes, more photos, magazine ads and a new index by tube number. 264 pgs. — \$29.95*

Radio Tubes and Boxes of the 1920s, Fathauer. *A pictorial presentation of radio tubes of the 20s, including packaging and advertising. Over 400 color photos and illustrations. 105 pgs. — \$26.95*

Radio Tubes and Boxes of the 1920's



75 Years of Western Electric Tube Manufacturing, Magers. *A log book history. 750+ WE tubes. Illustrated. 133 pgs. — \$16.95*



Saga of the Vacuum Tube, Tyne. *The development of vacuum tubes - 1880 to 1930. From Edison, Thomson and Fleming to DeForest, Philips, Siemens and many more. 100+ tube photos. 495 pgs. — \$18.95*

TubeData, Holm. *The most comprehensive list of vacuum tubes and data in an easy-to-use program for PCs. 27,000+ tubes, includes receiving and transmitting tubes. Lists function, manufacturer, technical data, & more. CD-ROM. — \$39.95*



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(Fot. 02)

Transistor Radio Books



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 listed, all with current prices. Includes radio club listing. 375 all new color photos. 5 1/2" x 8 1/2". 320 pgs. 1996. Softcover. - \$16.95*

Price Guide



Transistor Radios: 1954-1968 by Norman Smith. *Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. 460+ color photographs and price guide. 8 1/2" x 11". 160 pgs. Softcover - \$29.95*

Price Guide



Transistor Radios, A Collector's Encyclopedia and Price Guide by David Lane & Robert Lane. *Identification & price guide to over 2,500 transistor and novelty radios. History & key to collecting chapters. 8 1/2" x 11". 170 pgs. Softcover. - \$19.95*

Price Guide



Collector's Guide to Novelty Radios by Marty Bunis & Robert Breed. *This book is the source for novelty transistor radios in all shapes and sizes. Radios are described in detail with current prices. Over 600 color photographs. 8 1/2" x 11". 224 pgs. Softcover - \$18.95*

Price Guide



Collector's Guide to Novelty Radios, Book II by Marty Bunis & Robert Breed. *All new second volume takes up where the first book left off. New radios are described with current prices. Over 600 all new color photographs. 8 1/2" x 11". 208 pgs. Softcover - \$19.95*

Price Guide



Zenith Transistor Radios, Evolution of a Classic by Norman Smith. *A complete listing of all transistor radio models created by Zenith during the Magic Years from 1955-65. 200+ color photographs and price guide. 8 1/2" x 11". 160 pgs. Softcover - \$29.95*

Price Guide



The Portable Radio in American Life by Michael Schiffer. *Approximately 50 pages on transistor radios, beginning with the Regency TR-1 through to the later sets made overseas. 450 photographs, 193 transistor radios pictured. 8 1/2" x 11". 259 pgs. Softcover - \$26.95*

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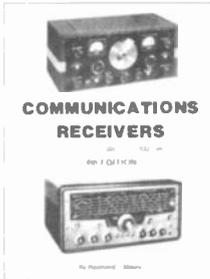


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(May-02)

Amateur Radio Books



Communications Receivers 4th Edition by Raymond S. Moore. A comprehensive guide to 750, 1932 to 1981, vacuum tube receivers by 66 manufacturers. Three pages of military receivers. 448 radios pictured! Sharper, clearer photographs. 8 1/4" x 11", 136 pages. Softcover. — \$19.95



Heathkit, A Guide to the Amateur Radio Products by Chuck Penson. Documentation of all Heathkit's amateur products. 200+ sharp photos. Most products are pictured with a full-page description. 8 1/4" x 11", 256 pgs. Softcover. — \$24.95



Radios by Hallicrafters, 2nd Ed. by Chuck Dachtis. This book includes over a thousand photographs (b/w & color) of radio receivers, transmitters, electronics accessories and advertising material. Technical descriptions are provided for every known Hallicrafters model, including dates of production, model numbers, accompanying pieces and original prices. This 2nd edition includes additional coverage of receivers and updated pricing. 8 1/4" x 11", 225 pages. Softcover. — \$29.95



A Pictorial History of Collins Amateur Radio Equipment by Jay Miller. The most complete story of Collins. Told in hundreds of photos & in the words of the men who made it happen. NEW. — \$39.95

Price Guide



Shortwave Receivers Past & Present Communications Receivers 1942-1997, 3rd Edition by Fred Osterman. This book is designed for the radio collector, the informed receiver buyer or anyone interested in the history and development of shortwave radios. Over 770 receivers from 98 manufacturers. 8 1/4" x 11", 473 pages. Softcover. — \$24.95



Ham Price Guide, 2nd by Eugene Rippen. Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 8 1/4" x 11", 81 pages. Softcover. — \$10.95

Price Guide



Tube Type Transmitter Guide by Eugene Rippen. Provides a wealth of information on transmitters and transceivers. Includes ancillary items such as linear amplifiers, converters, modulators and VFOs. Over 500 illustrations. 8 1/4" x 11", 145 pages. Softcover. — \$17.95



Transmitters, Exciters & Power Amplifiers 1930-1980 by Ray Moore. Pictorial and descriptive guide to amateur high frequency transmitters and amplifiers manufactured in the U.S.A. Over 500 photos. 8 1/4" x 11", 144 pages. Softcover. — \$21.95

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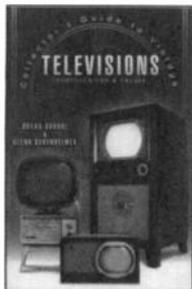


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(Not 0%)

Books About Television



Collector's Guide to Vintage Televisions, Durbal & Bubenheimer. *Includes information about the size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs made from 1945-1960 and transistor sets through 1980. 200+ color photos. 176 pages. — \$15.95*



Classic TVs, 2nd Printing, Wood. *140+ televisions, from prewar to the 1950s. Revised price guide. Color photos, B&W reproductions of catalogs and advertisements. 86 pages.— \$18.95*



The Mechanics of Television, Yanczer. *A brief history of television, beginning in 1847. Explanation of mechanical TV, details for a working system. Photos, charts, and diagrams. 170 pages — \$24.95*



Old Television, Emmerson. *The development and history of television from the Baird Televisor until the introduction of color television to Britain in 1969. 50 photos. 32 pages. — \$4.95*



Collectable Transistor TVs, Bunis. *Identification, description, and value ranges for 150 transistor televisions from 29 manufacturers. 150+ B&W photos. 44 pages. — NEW \$19.95*

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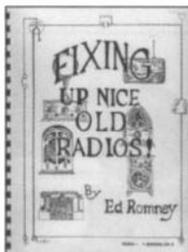
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(Feb-02)

Restoration & Repair



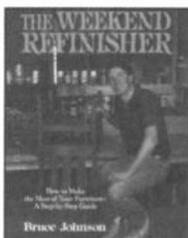
Fixing Up Nice Old Radios, Romney. Written by a retired radio instructor, this book covers Ohm's law, through battery sets, superhets and communications receivers. 300+ figures, 185 pgs. — \$35.00

Old-Time Radios! Restoration and Repair, Carr. How to repair vacuum-tube and transistor radios. A self-paced training guide. 200 illustrations, 256 pgs. — \$19.95



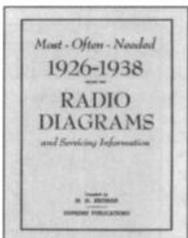
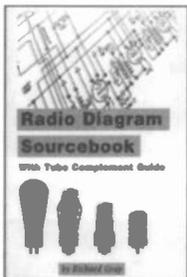
Antique Radio Restoration Guide, 2nd Ed., Johnson. Beginner's introduction to troubleshooting and repairing AC table model radios. 1992. 145 pgs. — \$14.95

Refinishing Old Furniture, Wagoner. Written by a furniture restoration instructor. A step-by-step guide to furniture (or radio) restoration, from removal of finishes right up to the final polish. 178 pgs — \$14.95



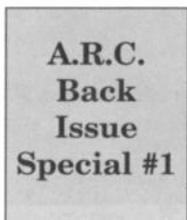
The Weekend Refinisher, Johnson. A complete guide to stains and finishes and tips for setting up your own workshop. A handy furniture "first aid" kit for quick repairs. Illustrated. 296 pgs. — \$12.00

Radio Diagram Sourcebook, Gray. Valuable tool for identifying radios. Tubes used, replacement dial lamps, and I.F. frequency. Reprint of Sylvania's tube complement guide is included listing almost 10,000 radios. 290 pgs.— \$18.95



Most Often Needed 1926-38 Radio Diagrams and Servicing Information (reprint). 600+ diagrams for mostly AC radios for '26-'38. 240 pgs.— \$18.50

Back Issue Special #1, A.R.C. The 10 issues containing: "All You Need To Know About Repairing AC Radios," the 9-part series by Jim Fred and Richard Foster. — \$19.00



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(Feb 02)

COLLECTOR BOOKS AVAILABLE FROM A.R.C.

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- Antique Radio Restoration Guide, 2nd Ed., Johnson. Beginner's intro. to troubleshooting & repairing AC table radios. 145 pgs. \$14.95
- The AWA Review. Vols. 1-5 on CD-ROM: Complete text of volumes 1, 2, 3, 4, and 5 of the AWA Review. Selections: AWA & its museum, Atwater Kent, DeForest, RCA-GE, Western Electric. **NEW \$19.95**
- The AWA Review. Order by volume.
- Vol. 6: Hawaiian Wireless, U.K. Television, SCR-RC-BC Dir., NYC Wireless. \$10.00
 - Vol. 7: Poldhu transmitters, Navy equipment, Arc transmitters. \$10.00
 - Vol. 8: Keys, Federal Co., KFS-Federal-Mackay story, National Elec. Supply Co., Navy Elec. Dir. \$10.00
 - Vol. 9: Marconi. The International Contest for Radar, Magnetron Story, F. Louvenstein, Ham Licensing. \$20.00
 - Vol. 10: Atwater Kent, Race for Radiotelephone, Radio Central 75th Annu., The Heintz & Kaufman Story, Collins Radio Co. \$20.00
 - Vol. 11: Scott Radio Products, National sliding coil receivers. \$20.00
 - Vol. 13: Northern Electric Co., Marconi, Radio Direction Finding, Radio Station WBT, Early Radio Stations. \$20.00
 - Vol. 14: Spark Keys, Canadian Marconi, Bakelite Radios. \$27.50
- The Antique Radio Boys and the Garrulous Grebe, Dryer. Adventure story written in the style of the '20s & '30s. 51 pgs. \$4.95
- The Auto Radio, Matteson. Info., photos & ads of the auto radio through the 1950s. 316 pgs. (hardcover) \$34.95
- Audio! Audio!, Hill. A comprehensive directory of classic audio amplifiers and control units. Details of over 850 models from nearly 150 British manufacturers from the 1940s to the 1970s. Signed and numbered. 95 pgs. \$19.95
- Behind the Front Panel, Rutland. Reviews radio circuits and radio history. Easy descriptions. 25 pics. 158 pgs. \$18.95
- Broadcasting's Forgotten Father. (Videotape, VHS). The Charles Herrold story. \$29.95
- Classic Cones, Chidester. Pictorial reference & value guide for 1920s radio cone speakers. 100s of color photos. 2001. 122 pgs. **NEW \$25.95**
- Classic TVs, 2nd Printing, Wood. Prewar to 1950s. Revised price guide. 140+ color photos, reprints of catalogs & ads. 86 pgs. \$18.95
- Collectable Transistor TVs, Bunis. ID & values for 150 transistor TVs from 29 manufacturers. B&W photos. 44 pgs. \$19.95
- Collector's Guide to Antique Radios, 5th Edition, Slusser. This price guide covers the 1920s to the 1950s. Over 9,000 models. Color photos. Updated pricing. 264 pgs. \$19.95
- The Collector's Guide to Novelty Radios, Bunis & Breed. Descriptions with prices. 600+ color photos. 1994. 224 pgs. \$18.95
- The Collector's Guide to Novelty Radios, II, Bunis & Breed. New radios & prices. 600+ color photos. 1998. 208 pgs. \$19.95
- The Collector's Guide to Transistor Radios, 2nd Ed., Bunis. Identifies the most sought-after vintage transistor radios. Includes club listing. Over 2,900 models, 375 all new color photos, with current prices. 1996. 320 pgs. \$16.95
- The Collector's Guide to Vintage Televisions, Durbal & Bubeneimer. Includes information about the size of the screen, year of manufacture, cabinet, and current value for over 1,400 vintage TVs. 200+ color photos. 1999. 176 pgs. \$15.95
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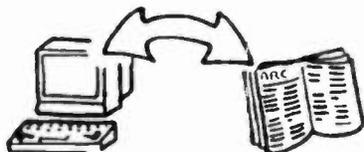
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