

# The Wheatstone Bridge Circuit

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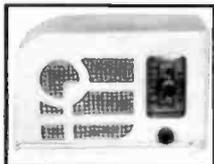
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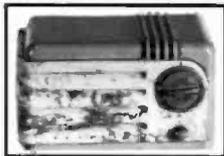
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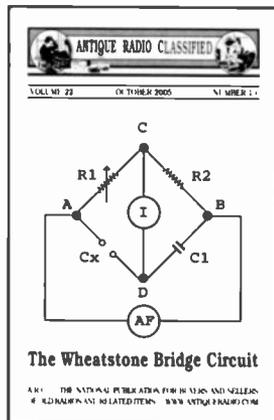
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# ANTIQUE RADIO CLASSIFIED

October 2005 • Volume 22 • Number 10

The National Publication for Buyers and Sellers of Old Radios and Related Items — Published Monthly  
[www.antiqueradio.com](http://www.antiqueradio.com)

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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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## EDITOR'S COMMENTS

Maybe you're a little surprised at our cover this month. It's not a photo of a set so rare or so expensive that many of us couldn't afford it, even if another showed up. Instead, it is a schematic of the Wheatstone Bridge circuit, which suggests simplicity and the test equipment that is the subject of Ray Bintliff's lead article

Ray, Alan Douglas, and others use vintage test equipment to diagnose problems in old radios. In Ray's case, he suggests vintage capacitor testers to diagnose capacitor problems in old radios. Such problems are more difficult to analyze than loose connections, burnt-out tubes or transformers that can be detected with a common volt-ohmmeter. Furthermore, vintage capacitor testers are readily available at flea markets, so why not use them to find bad capacitors in vintage sets?

In this, his fifth article on the subject, Ray concentrates on instruments that are practical for use today. He names several manufacturers of testers and the advantages or disadvantages of their products. His advice is to add, according to your needs, a tester, or analyzer, or both to your workbench. The bottom line is that vintage testers do a job that many modern testers cannot do.

In the restoration of an Airline Model 62-402, Richard Arnold didn't have to worry about a capacitor problem. However, he did have to fill the empty cabinet with all the right parts and then refinish the cabinet. It's interesting that in tackling the restoration of the "old," he used the "new" — the Internet — to track parts and information.

And Ben Beekman also made the connection with our earlier Cortlandt Street articles on our website via the Internet. He shares a memory of himself as a young man, employed briefly by a radio company located on a street that still conjures up the past for collectors. Given the terrible fate of the site of Radio Row on 9/11, Cortlandt St. will always have even greater significance in our collective memories.

It's good to know that our website keeps browsers informed about selected contents of A.R.C.

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We continue to receive reports from advertisers of e-mail responses to their classified ads proposing to pay them with a check, sometimes via a third party, in excess of the purchase price. The seller is asked to refund the difference by wire. In more than one case reported to A.R.C., the check received was "bad."

To minimize problems, we suggest that you always know whom you are dealing with or ask for references.

This month they will learn about one of Estes' larger auctions with its impressive range of items totalling over \$250,000. The highlight, the 25-tube Zenith Stratosphere, sold for \$40,000, even though the speakers were missing.

That's the kind of high-end item that might have appeared on our cover, but we opted for something for everyone. In general, that's what this auction offered — a wide range of battery sets, consoles, wireless equipment, advertising, books, vacuum tubes and ephemera — not to mention the ten Atwater Kent breadboards. This auction really did validate Ray Chase's description of many an Estes' auction — "It's like a trip to a museum."

Speaking of trips, our auction report on the Northland Antique Radio Club's Radio Daze reminded me of a trip I made a few years back to that meet. I remember it as a very well run event and encourage you to put it on your list for next year.

In fact, we will also encourage Greg Farmer and Alan Jesperson to send us a complete report giving us the full flavor of Radio Daze next year. At this year's auction, at least one impressive item showed up, a rare Pittsburgh wireless detector/amplifier selling for \$2,300. In addition, the figures for this meet show that in all areas it's growing — more radios in the auction, more sellers and bidders than in 2004. The hobby lives on in Minnesota, which is good news for the hobby everywhere.

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**Coming Radio Events.** Fall brings out the urge in fellow collectors to get together before winter sets in and sometimes makes meets difficult. There are more meetings (26) and meets (6) than usual, and they are widespread — from the UK across the states to California. Add four auctions and the grand total is 46. Hope you make it to at least one in your area.

Happy Collecting!

John V. Terrey, Editor

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## ON THE COVER

Our cover shows the schematic diagram of the Wheatstone Bridge, courtesy of Ray Bintliff. For an explanation of what it is and how it works, Ray's article will fill you in. Suffice it to say here, although it was invented by Samuel H. Christie, Charles Wheatstone was the first to put this now famous circuit to many practical uses. Today, it is still the basis for many precision measuring instruments.

# RESTORATION TOPICS

## Capacitors in Old Radios — Part 5 More Capacitor Testers

BY RAY BINTLIFF

*Parts 1 through 4 appeared in the December 1997, December 1998, February 2000 and August 2004 issues of A.R.C. While the early capacitor testers described in Part 4 are of historical interest, they are not practical for present day use. In Part 5, Ray covers later models that have greater testing capabilities, are more accurate, and are useful instruments. (Editor)*

As you would expect, the manufacturers of electrolytic and paper capacitors were also producers of capacitor testers. What better way to sell replacements than to provide a means for finding bad capacitors in a radio? The major manufacturers of capacitors for old tube-type radios were Aerovox, Cornell-Dubilier, Solar and Sprague.

Among the manufacturers of test equipment, only Jackson seemed to have an ongoing interest in capacitor testers. For a brief period during his McMurdo Silver Company operation in Hartford, Connecticut, Silver offered a capacitance-resistance bridge as part of his line of test equipment.

The makers of test equipment in kit form, such as EICO, Heathkit and PACO, cranked out an amazing number of capacitor testers.

### CAPACITOR TESTER BASICS

Most vintage capacitor testers use a bridge

circuit to measure capacitance. Some bridge testers are also capable of measuring resistance, and they are usually referred to as "Resistance-Capacitance Bridges," "RC Bridges" or "Capacitor-Resistor Bridges." When other testing capabilities are added to the basic bridge circuit, such as power factor and leakage testing, the tester is usually called a "Capacitor Analyzer." (Power factor is a measure of a capacitor's efficiency, or, stated in another way, a measure of the power dissipated in a capacitor because of its internal series resistance). When you are using one of these testers, the capacitor under test, or at least one of its leads, must be removed from the radio's circuitry; otherwise, an erroneous reading may result.

Advances in capacitor analyzer design produced the In-Circuit Capacitor Tester. As its name implies, this tester eliminates the need to clip one of the capacitor's leads or remove the capacitor prior to test. This type of tester uses an RF oscillator circuit to evaluate capacitors. Several manufacturers included this capability in their testers.

### BRIDGE TESTERS

Bridge-type testers use circuits based on the Wheatstone Bridge. (See the sidebar for information about its origin). Figure 1 shows a schematic diagram for a bridge circuit that can be used to measure a capacitor's value. R1 is a potentiometer

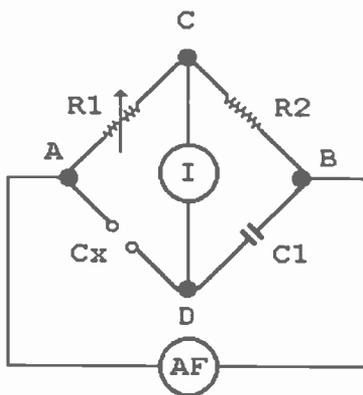


Figure 1. This schematic diagram shows the basic circuit of a Wheatstone Bridge.

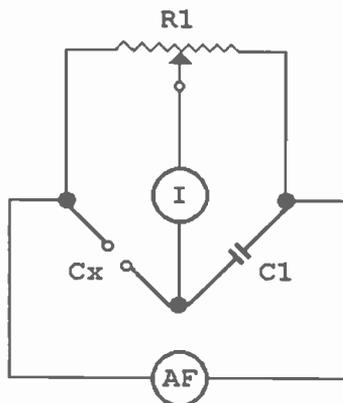


Figure 2. A typical bridge circuit used in a capacitance bridge.



Figure 3. This Solar Model CB, an early Resistance-Capacitance Bridge, uses a Type 6E5 eye tube as an indicator and a Type 1V as a rectifier.

ter with a calibrated dial, R2 is a fixed resistor, C1 is a reference capacitor, and Cx is the capacitor under test.

An audio frequency signal (AF) is connected to points A and B. (A 60 Hz signal source is often used.) An indicator (I) is connected to points C and D. The indicator may be an AC meter, earphones, or a tuning eye tube.

If the ratio of the voltages across R1 and R2 are the same as the ratio of the voltages across Cx and C1, the bridge will be balanced. In its balanced state, the voltage across points C and D will be zero. For example, if earphones are used for the indicator, as the potentiometer is turned and the zero voltage, or null point, is reached, no sound will be heard in the earphones. The capacitor's value can then be read from the potentiometer's calibrated dial.

For resistance measurements, the signal source can be a DC voltage. The bridge circuit can be used to measure resistance, capacitance, inductance and impedance, if the source is an AF signal.

Figure 2 shows a slightly simplified schematic diagram of a bridge circuit that is likely to be found in an RC Bridge tester. The resistors, R1 and R2 have been combined into a single potentiometer, R1, but the bridge functions the same as does the original Wheatstone circuit.

### SOLAR ANALYZERS

The Solar Manufacturing Corporation produced a variety of capacitor analyzers. One of its early units, a Model CB, is shown out of its oak case in

Samuel H. Christie conceived the bridge circuit in the early 1800s. Why then is it not called the "Christie Bridge?" Good question. It appears that the circuit became known as the Wheatstone Bridge because Charles Wheatstone was the first to put the bridge circuit to a number of practical uses.

Figure 3. It uses two tubes, a Type 6E5 eye tube and a Type 1V rectifier. A neon lamp serves as a leakage indicator. The Model CB measures capacitance in the range of 100 pF to 70 mF and resistance over the range of 50 ohms to 2 megohms. It sold for \$26 in 1942.

A similar analyzer, the Model CC, has an upper capacitance range of 800 mF. It uses Types 6E5 and 80 tubes and is mounted in a sloping-front, oak cabinet. The cost of the upgraded Model CC was \$32.50.

### SOLAR IN-CIRCUIT ANALYZERS

Like the CB and CC models, the Model QCA, "Condenser Quick Check Analyzer," shown in Figures 4 and 5, uses a bridge circuit to measure capacitance in the range of 200 pF to 70 mF using a calibrated scale and a multiplier switch. Unlike the CB and CC, it does not include a leakage test function, but it does have an in-circuit "Quick-Check" feature to test capacitors for high RF impedance.

"Quick Check" can also test for shorted, open and intermittent capacitors. For these tests, the capacitor under test is connected to the analyzer's balanced-oscillator circuit. If the capacitor is

(Continued on following page)



Figure 4. A front view of the Model QCA. It was the first Solar tester with the "Quick-Check" feature.

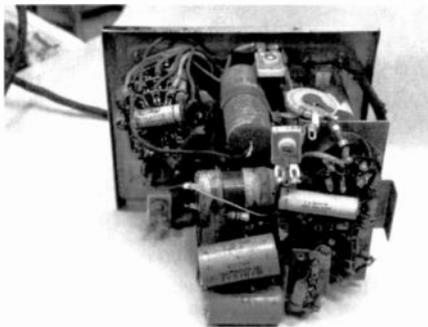


Figure 5. This rear view of the QCA shows a jam packed chassis.



Figure 6. The Solar Model BQC is similar to the QCA but is housed in a smaller cabinet. Also, push buttons are used for the Short Test while the QCA uses slide switches.

(Bintliff, Capacitors, continued)

open, the oscillator stays in balance and the shadow angle of the analyzer's tuning eye remains unchanged. The eye tube will close if the capacitor is not open.

A separate test is made for a short. If the capacitor is shorted, the eye tube will open fully. A good capacitor will produce no change in the eye tube's shadow angle or cause it to open or close slightly. An intermittent capacitor will cause the eye tube to flicker. A capacitor that passes the "Quick-Check" can then be tested for capacitance using the analyzer's bridge circuit. It should be noted that most in-circuit analyzers will give erroneous "shorted" readings if the capacitor to be tested is wired in parallel with a very low resistance.

This tester's tube complement consists of the following tube types: a 6G5 eye tube, a 25Z6GT rectifier and a 6J5GT RF oscillator. This model



Figure 8. The first Solar Exam-eter, the Model CE "Capacitor Analyzer," used the term "Exam-eter" in the user's manual, but it did not appear on the panel. It was the first Solar analyzer to use a meter rather than an eye tube.



Figure 7. A rear view of the chassis for the BQC shows tight but neat packaging.

uses a line cord for filament power. The cabinet size is 6½" x 5½" x 4¾". The dealer price for a QCA was \$24.90 in 1942.

A similar tester, the Model BQC "Condenser Quick Check with Bridge," is shown in Figures 6 and 7. This compact tester is 6" wide x 5" high x 4½" deep — slightly smaller than its predecessor the QCA. This model is also capable of performing in-circuit testing for high RF impedance, as well as shorted, open, and intermittent capacitors. The tube complement is identical to the Model QCA. The slide switches used for the Short Test in the QCA were replaced with more convenient push buttons on the BQC.

For the service shop that already had a bridge type tester, Solar sold a stripped down Model QC that performed only Quick-Check testing. It sold for \$14.90.

#### SOLAR'S EXAM-ETER SERIES

Solar also produced the Model CE Capacitor "Exam-eter." This model, shown in Figure 8, has all of the features of the QCA with added functions, such as a resistance bridge, megohmmeter, variable DC power supply, milliammeter and an AC/DC vacuum tube voltmeter. The Model CE uses a meter as an Indicator rather than an eye tube. The tube complement consists of two Type 6J5 tubes and one Type 6L6.

The tester has a capacitance measuring range of 10 pF to 2,000 mF and a resistance range of 50 ohms to 10,000 megohms. The CE measures 1¼" x 8½" x 6". The 1942 price of a CE was \$44.90, "complete with tubes."

The Model CF, shown in Figure 9, superseded the Model CE. The variable DC supply was omitted in the CF, and an electrolytic capacitor leakage current test was added; nevertheless, the tube complement remained the same.

The capacitance measuring range for the Model CF remained the same as for the CE, but the resistance range was from 100 ohms to 7 megohms. However, an "Insulation Resistance" mode was added to the CE that extended the upper range to 10,000 megohms. The CF grew in size to 12¾" high x 10" wide x 5½" deep. The CF

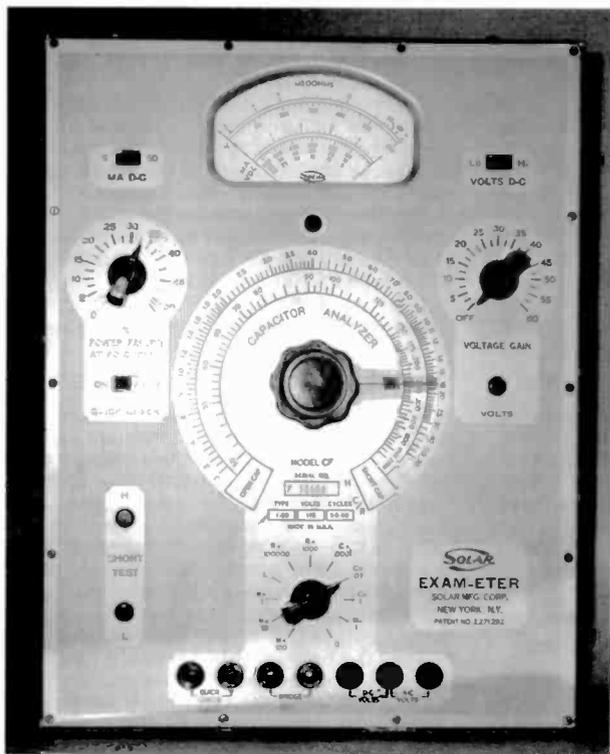


Figure 9. A repackaged Exam-eter, the Model CF, was housed in a larger cabinet with a bigger meter and more modern styling.

is a versatile analyzer that could be put to practical use today. It is a bit more complicated to use than some of the Sprague models described below.

### AEROVOX

The Aerovox Corporation, of Brooklyn, N.Y., and later of New Bedford, Mass., a major producer of capacitors, seems to have had less interest in the manufacture of capacitor testers.



Figure 10. This Jackson Model 112 Condenser Tester uses push buttons and is simple to operate.

did make some capacity-resistance bridges, as well as a Model 95 L-C checker. The Model 95 is an interesting device. It can perform in-circuit testing of capacitors, inductances and tuned circuits.

### JACKSON CONDENSER TESTERS

The Jackson Electrical Instrument Company of Dayton, Ohio, produced a line of radio test equipment that included capacitor testers. A Model 112, shown in Figure 10, is a bridge type capacitor tester that measures capacitance over the wide range of 10 pF to 1,000 mFd. An eye tube is used as the indicator and the easy-to-read calibrated dial scale uses a second pointer to expand the scale's effective length. The tester has a 6-position voltage switch for selecting the appropriate voltage for leakage test. The unit can also measure power factor. Its cabinet dimensions are 13" x 10" x 5".

Another Jackson tester, the Model 650-A, is similar in appearance and offers the same features as the 112. The 650-A was priced at \$36.95 in 1942.

### PYRAMID CAPACITOR-RESISTOR ANALYZER

The Pyramid Electric Company of North Bergen, N.J., was a manufacturer of capacitors and capacitor analyzers. An example of Pyramid's analyzer line is the Model CRA-2, shown in Figure 11. A full-featured instrument, it measures capacitance and resistance and has a

*(Continued on following page)*



Figure 11. This Pyramid Model CRA-2 Capacitor-Resistor Analyzer is an attractive, well built, and easy-to-use tester. It does it all — it has a quick-check feature, and it measures resistance and capacitance, leakage, power factor and insulation resistance.

(Bintliff, Capacitors, continued)

"Quick Check" mode. A variable DC power supply and a 4-position milliammeter switch are used for leakage testing. A megohmmeter function is included for insulation testing.

A  $6\frac{1}{2}$ " calibrated dial is used for capacitance and resistance measurement. Its  $3\frac{1}{2}$ " meter has three separate scales for reading current and megohms and setting DC leakage voltage. A fourth scale provides a "Good-Bad" reading for the "Quick Check" test. The tube complement consists of Types 6SN7GT, 6CB6 and 6L6G. The CRA-2's dimensions are 14" x 9" x 6". This analyzer is well made and easy to use. It may be more difficult to find than the more common Solar testers.

#### PACO IN-CIRCUIT CAPACITOR TESTER

PACO Electronics of Glendale, N.Y., supplied the PACO Model C-25 in kit form. This in-circuit tester, shown in Figure 12, has the advantage of being able to test for a shorted capacitor when the capacitor is shunted by a resistance as low as 7 ohms. A Type EM84 indicator tube is used rather than the older Type 6E5. It is only capable of measuring the capacitance of electrolytic capacitors. This PACO is small and lightweight. It measures  $7\frac{1}{2}$ " high x  $5\frac{1}{4}$ " wide x  $4\frac{1}{2}$ " deep.

#### CORNELL-DUBILIER CAPACITOR BRIDGE

The Cornell-Dubilier Electrical Corporation in South Plainfield, N.J., manufactured both capacitors and capacitor testers. The Model BN, shown in Figure 13, is a bridge type tester capable of measuring capacitance values from 10 pF to 50

mF. The unit is quite compact, measuring  $3\frac{3}{8}$ " x 5" x 3" and weighs in at only 2 pounds. Its dealer's net price was \$11.88 in 1942. By 1954, the price had increased to \$24.95.

Cornell-Dubilier (C-D) also made a Model BF-50 capacitor analyzer that sold for \$29.88 in 1942. In addition to measuring capacitance, the BF-50 can test for shorted and open capacitors, power factor, leakage, and insulation resistance.

The Model BF-60 Capacitor Bridge, ca. 1954, measures capacitance, resistance and power factor. It uses two tubes: a Type 6E5 as the indicator and a Type 6W4GT as a rectifier.

C-D also produced five models of capacitor decade boxes. At least one of these boxes seems to appear at every radio flea market.

#### SPRAGUE CAPACITOR ANALYZERS

The Sprague Products Company of North Adams, Mass., a manufacturer of resistors, capacitors and capacitor testers, made a series of analyzers named the TEL-OHMIKE. The TO-1, or Standard Model condenser-resistor analyzer, uses a bridge circuit to measure capacitance in the range of 10 pF to 5,000 mF and resistance in the 0.5 ohm to 70 megohms range. Insulation resistance can be read up to 10,000 megohms. Leakage and power factor tests can also be performed. An eye tube is used as an indicator.

The TO-2 DeLuxe model has all of the features of the TO-1, except that a DC volt-milliammeter was substituted for the eye tube. Provision was made for external connections to the meter. In 1942, the TO-1 and TO-2 sold for \$34.50 and \$44.90 respectively.

The TEL-OHMIKE series continued through to



Figure 12. This PACO Model C-25 "In-Circuit Capacitor Tester," uses a modern Type EM84 tube as an indicator. It sold for \$19.95 as a kit or factory wired for \$29.95.



Figure 13. A Cornell-Dubilier Model BN "Capacitor Bridge." This compact tester uses an eye tube as an indicator and measures capacitance values from 10 pF to 50 mF.



Figure 14. This Sprague Model TO-6 "Sprague Tel-Ohmike" capacitor analyzer uses push buttons to select capacitance scales and test voltages. The analyzer is easy to use. I use it to reform electrolytic capacitors.

the TO-6A. The TO-6, shown in Figure 14, measures capacitance over the range of 2 pF to 2,000 mF, power factor, leakage current and insulation resistance. The use of push buttons simplifies the selection of capacitance and test voltage ranges. It uses one each of the following tube types: a 6AB4, a 6BL7GTA, a 6C4, and a 6E5. The TO-5 and TO-6 models can still be found but seem to be pricier than similar analyzers from other manufacturers. Of all of the analyzers in my possession, the TO-6 is my favorite because of its ease of use and versatility.

### OTHER KIT TESTERS

The Heath Company of Benton Harbor, Michigan, produced its famous Heathkits for a staggering number of electronic devices, including test equipment of all kinds. A separate article would be required to describe all of the Heathkit capacitor testers. Consequently, Heathkit coverage will be limited to a description of the Model IB-5281 RLC Bridge.

The Heathkit Model IB-5281 RLC Bridge, circa 1977, is the only solid-state tester included in this article. Although it will not test for leakage or power factor, it has a number of advantages: It is battery-operated, lightweight, portable and can measure capacitance, resistance and inductance. A photograph of an IB-5281 appears in Figure 15.

Please note that the unit has been modified with the addition of an LED power-on indicator and a knob on the shaft of the level control. (Both mods are highly recommended). The bridge's ranges are resistance

10 ohms to 10 megohms; Inductance 10 mH to 10H; and capacitance 10 pF to 10 mF. Even if you have a capacitor tester on the bench, this Heathkit tester would be a nice addition.

The Electronic Instrument Co. (EICO) had great success with its Model 950B Resistance-Capacitance-Comparator Bridge kits. The 950B shows up frequently in radio flea markets. This bridge-type tester covers a capacitance range of 10 pF to 5,000 mF. The resistance range runs from 0.5 ohms to 500 megohms. Power factor testing is included. The indicator tube is a Type 1629, and the rectifier, a Type 6X5.

### CLOSING THOUGHTS

A capacitor analyzer is a handy item to have on a service bench. Since tube-type test equipment is inexpensive but well suited to servicing tube-type radios you may want to put one on your bench. Pick a simple R-C bridge if you just want to measure capacitance, but consider a full-featured analyzer if you want to do leakage testing and power factor measurements. These old capacitor testers can do what present-day, solid-state testers cannot do — perform leakage tests using the high DC voltages found in tube-type radios.

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

Ray Bintliff, a member of the A.R.C. staff, holds an Amateur Extra Class license. A retired engineer, he enjoys repairing and restoring pre-1945 radios and test equipment. In addition to Amateur radio, his interests include electronic equipment and audio reproduction.



Figure 15. Just one of the many Heathkit capacitor testers and capacitor substitution boxes sold in kit form, this RLC Bridge, Model IB-5281 is a battery-operated, solid-state instrument.

# WITH THE COLLECTORS

## Montgomery Ward Airline Model 62-402

BY RICHARD ARNOLD

*It takes dedication and determination to turn an empty cabinet into a good-looking, working radio. Richard Arnold explains how he did it. (Editor)*

I have been writing articles for *Antique Radio Classified* since 1985, and maybe only three have been about console radios. I have a few consoles in my collection, but as a rule I tend to shun them for what I think are more interesting radios. I do, however, have this pretty neat looking Montgomery Ward Airline, shown in Figure 1, in my collection. There is a story here that perhaps some would find interesting, so here goes.

This now rather nice looking radio was an ugly duckling when I first saw it. Really, all that there was to the radio was an empty cabinet in bad condition and the original grille cloth. My son Andy had found the cabinet in a closet in the garage of an old house he was living in. Knowing that I am always on the lookout for old radios, he decided to rescue it. He brought it to me and said, "Here, look what I found!"

Well, I really wasn't all that thrilled, as I don't like to collect just any old console, especially when all there was to it was this messed up cabinet with a grille cloth. What was I going to do with it?

Nevertheless, I accepted it and even put it up against a wall in my radio room with its very limited space where it sat for about a year or so. You know, one good thing about these large console sets is that you can always use them to display another radio, so that is how I was using this Airline.

### THE RESTORATION PROCESS

Then one day, I was sitting there looking at the empty cabinet of the Airline console and decided to see if I could find a chassis and all of the other stuff that I would need to make it whole. Using my newly acquired computer, I looked at a number of links. I came across this one site that had many console radios pictured. It was the site of John and Jean Goller of Antique Radio Restorations. They had a complete Airline 62-402 pictured. Good grief! What do you suppose the odds of that were? I contacted them and made a deal for everything I needed. They were very nice people, very cooperative and helpful.

When the items arrived, I was very happy to see the great condition that they were in. The chassis was beautiful, all original and no rust.



*The 1938 Airline Model 62-402 — an "ugly duckling" transformed.*

Heck, it even worked and sounded great. I didn't have to do a thing to it. One nice surprise was that the set has one of those green-tuning eyes.

Well, now that I had the whole radio, all that I needed to do was to refinish the cabinet. The wood was all OK; just the finish was shot. I took it down to the wood and was really pleased with the condition and quality of the wood that the manufacturer had put into this radio. There were three or four different kinds of wood, not including the inlays. I looked at the set and decided not to stain it, as the wood had a natural beauty that I wanted to maintain. I purchased some expensive Tung oil and used it with what I think are great results.

### THE SPECIFICATIONS

According to Rider, the Airline Model 62-402 is a 1938 radio. It is a 10-tube superhet, not including the tuning indicator tube. The ten tube types used in this model are the following: a 6D6 RF, a 6C6 1st detector, a 6D6 IF, two 41

push-pull output tubes, an 80 rectifier, and four Type 76 tubes used as follows: a 2nd Detector and AVC, a 1st audio, an oscillator, and finally, a "Balancing Exciter." Now that one was a whole new term to me, so I found out what it means. It is a phase inverter for the two push-pull Type 41 tubes. The tuning eye or indicator tube is a Type 6U5. The IF for the radio is 456 Kc.

There are also three bands on this radio:

Range B is the broadcast band from 550 to 1600 Kc;

Range C is the Amateur band from 1,585 Kc to 5,400 Kc;

Range D is the shortwave band from 15,000 Kc to 18,300 Kc.

There are also four knobs on the radio. They are used as bass and treble tone control, tuning, band selection, and on/off and volume control.

After I had finished the radio and had it all together and working great, I invited my son to sit down in the radio room. When I turned it on for him, he was amazed at what he was look-

ing at. He couldn't believe it was the same radio. That green tuning eye impressed the heck out of him too.

Now, that is the story of my Montgomery Ward Airline Model 62-402 radio that was brought back to life and has turned out to be a beautiful looking and great playing radio. It was a diamond in the rough.

References:

Rider, John F. *Perpetual Trouble Shooters Manual, Vol. 9*, pp. 34 and 56.

(Richard Arnold, P.O. Box 275, Lone Grove, OK 73443)

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

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## More Cortlandt Street Memories

CONTRIBUTED BY BEN BEEKMAN

*The archived articles on our Web site continue to provide excitement and information for browsers of the Web. Ben Beekman found our 1998 article on Cortlandt Street and contributed these additional memories of those early days. (Editor)*

Mr. Yonker's photos of Cortlandt Street, Manhattan, [See A.R.C., September 1998, and [www.antiqradio.com](http://www.antiqradio.com)] awakened some old memories for me.

Around August of 1950, I was hired by Arrow Radio as a replacement for a Hank Goldberg, who was about to be drafted into the Army. I was to work with (or for, I forget which) a Morty Selzer. My first job there was to keep up the inventory in their old ledgers, updating the stock figures according to the invoices. My little office was a closet-sized room on the second floor with a window looking out the back of the building. I'd be in there all day entering the figures on line after line.

The main area was filled with desks for the salesmen, who were always on the phones, or were constantly being paged over the PA to "pick up, please" by a woman who took the incoming calls. The one page I remember most was "Hy Mendel, pick up, please."

Once or twice I had to go along with the delivery truck on a trip which took me into the factory of the Techmaster Television Company. There I watched as dozens of people hand-wired the RCA 630TS chassis that were being built under license. Another time, we went out

to the UTC transformer factory, driving past City Hall on the way.

Another part of my job was to put a dot of colored paint on the underside of each miniature vacuum tube in a box containing dozens so as to color-code them for warranty purposes. We had a dumbwater on which we could place parts from the second or third floor stock rooms and speedily lower them to the ground floor sales counter area.

I remember that if I looked out the front second story window to my right, I could see the West Side Highway. Looking to the left, I could spot a Nedick's on the next block.

Having to stay in that tiny room, working on the books, I soon became unhappy. After all, a 19-year-old graduate of the Delehanty School of Radio and Television would want to do something more in line with his training, wouldn't he?

And so, one day I phoned in and told them I wouldn't be coming in anymore. Not a nice thing to do, without any notice, but I was only a kid and didn't understand that. I never returned to Cortlandt St., finding future employment in nearby Long Island City television factories. But that Arrow job, being my first ever, has always stayed with me. Makes you wonder what Cortlandt St. would have been like today had the World Trade Center not been built.

Ah, those were the days!

(Ben Beekman, 114 Pond Rd., Woodbury, NY 11797)



# AUCTION REPORT

## Estes Auction Burbank, Ohio — April 16, 2005

REPORTED BY RAY CHASE

All elements were there for a spectacular auction — a beautiful day in spring, along with a stellar collection of radio treasures — and the record crowd was not disappointed. The Estes auction on April 16 at Expo Auction center in Burbank, Ohio, featured the collection of Arthur Aseltine from Ann Arbor, Michigan, in addition to other consignments. The Friday evening viewing was well attended, but there were few consoles, box lots, and other "under the table" offerings. That changed on Saturday morning when loads of box lots and consoles were brought in, and the undersides of the tables filled up rapidly.

This auction featured an impressive list of wireless sets, Kennedys, DeForests, Grebes, crystal sets, advertising pieces, books and ephemera. The 10 Atwater Kent breadboards included three Model 10s and several Model 8s and 9s. There were few or no novelties, transistor radios, military radios and only a couple of ham items. The "good stuff" really brought the buyers out, and by auction time, the parking lot was overflowing.

This was a large sale. I recorded well over 700 lots and missed quite a few, so the final total was probably over 800 lots. The 104 tube lots were more than the usual number and offered some rare tubes, including five or six Audions.

The method of sale of the books and ephemera was by "choice" from one of several display racks where the



*Two more examples of how well the high-end consoles sold: The Victor RE-154 Electrola, left, sold for \$2,200, and the RE-156 in the oriental style cabinet sold for \$2,800.*

books and ephemera were laid out. In this method of auctioneering, the buyers are bidding on the opportunity to buy one or more items at the final knock down price per item; that is, the winning bidder may take one or more items at the bid price for each item chosen. This continues until all items on that rack are sold. As the number of items on the rack dwindles, the auctioneer may offer all remaining items for one price.

This type of sale makes it very difficult to keep track of what items are sold and what price is realized, so the detailed listing does not record many of the book and ephemera items. Also, in the afternoon, several simultaneous side auctions were held to deal with the bulk tube lots, miscellaneous box lots, and test equipment under the tables. I was not able to record these auctions.

A special note regarding console radios: Often we hear a general comment about how console radios do not sell and are not appreciated. Certainly there is the size and transportation problem, but let me offer the following accounting.

There were over fifteen consoles from the 1930s and 1940s in this sale. Nine of them sold for a total of \$210, or slightly less than \$25 each. Six of them sold for a total of \$12,400 or slightly over \$2,000 each and

**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.

this did not include the Zenith Stratosphere. So the message here is that superior consoles bring superior prices, while average or below average consoles bring low prices. If it's good, it will sell.

But there is always the exception: a Capehart Model 111K3 with "flip over" record changer, in excellent condition — a very nice radio in my opinion, albeit a bit on the large and heavy side — sold for a mere \$10. A clear case of the right buyer not being present or not having the ability to transport it.

But what about the Zenith Stratosphere, the star of the show? This Stratosphere was clearly in the best shape of any I've seen, but then, one does not get the opportunity to see that many. A couple of knobs were not correct, and one small escutcheon was missing, but the major problem was that the two speakers were gone. Otherwise, it was in excellent condition.

Richard Estes announced that he had identified two sources of speakers: The first had one speaker available, while another was willing to sell two speakers. Unfortunately, Richard could not induce the potential seller to consign the speakers to this sale, but he offered to pass on the appropriate contact information to the buyer.

The bidding on this set opened at \$10,000, and within seconds was at \$40,000, which was the ultimate sale price. Unfortunately, the buyer is in Europe, so another American treasure ends up across the pond. Anyway, as I've said before, each Estes auction is like a trip to a new radio museum where you can touch and even purchase museum quality artifacts.

As usual, Richard conducted the auction nonstop from 10:00 A.M. until 6:30 P.M. I stopped recording at 5:55 P.M. and missed quite a few lots in the last hour while checking out myself. The dollar total that I recorded was \$250,000, and with the lots that I missed, the total surely was \$260,000, not including the 5 percent buyer's premium charged at this location. Surely, this was a "barn burner" of an auction.

One final thought — I keep trying to remember to take some pictures in the parking lot at the end of the sale. It's quite a sight to see some of the eager buyers trying to stuff their many purchases into obviously overloaded cars and trucks, especially those who had overindulged in the bulk and box lots. Oh well, I guess that's half the fun of it.

e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown condition, N.O.S.=new old stock,



Not exactly a household name, this Nine-in-Line Model 28 sold for \$400.



This 25-tube Zenith Stratosphere was the top-dollar item in the auction. Although its speakers were missing, it sold for \$40,000.

wk=working, nwk=not working, WT=with tubes, NT=no tubes, gf=good fil, BB=brass-based, TT=tipped tube, SW=shortwave, PS=power supply, PB=push buttons, WE=Western Electric. All prices have been rounded down to the dollar. Some low cost items and items in poor condition or with nonspecific descriptions are omitted

#### Radios & Related Items:

Abbotsware horse radio, w/saddle, g .....	\$200
A-C-S suitcase portable, 3-dial, 6-tube, WT, in black fabric case, g .....	900
AC Dayton XL25 console battery set, w/drop-front door, g .....	55
Acme 250 spark transformer .....	275
Adler-Royal, slant-front, WT (3, 199s), vg .....	300
Admiral 5" table TV, Bakelite .....	85
Aerophone 3-dialer, WT .....	70
Air Chief wood table, 4 knobs & PB .....	30
Airline "Enchanter" 3-dialer, ornate panel, NT, vg ..	95
Airline, Bakelite, g .....	85
Airway 41, 2-dialer, NT, g .....	225
Airway Type F, WT, vg .....	700
Alltec 242C, (2), in box .....	125
Amrad 2596 (shortwave tuner) & 2E34 (detector/2-stage amp), 2-units, vg .....	1,700
Arbophone 45, AC set, g .....	70
Arbophone Jr. small cone speaker, g driver, vg ..	105
Artone brown plastic, chip in back .....	35
Atwater Kent 5 breadboard, WT, reproduction ..	1,700
Atwater Kent 8 breadboard, WT, put together by Ralph Williams .....	3,800

(Continued on following page)

(Estes Auction, continued)

Atwater Kent 9 breadboard, 4445, WT, g .....	1,300
Atwater Kent 9 breadboard, short version, WT, (2) .....	1,000, 1,400
Atwater Kent 9 breadboard, WT & detector tube cap .....	1,400
Atwater Kent 10 breadboard, 4340, WT .....	900
Atwater Kent 10 breadboard, green cans, WT .....	850
Atwater Kent 10 breadboard, late version, WT .....	800
Atwater Kent 12 breadboard, 4910, WT & tags .....	1,000
Atwater Kent 55C, in Kiel table, NT, vg .....	350
Atwater Kent 84 cathedral, (2), g, vg .....	250, 300
Atwater Kent 92 cathedral, vg .....	500
Atwater Kent desk lamp, w/repro shade .....	225
Baird shortwave converter, small, cathedral shape .....	550
Best radio, mantel size, cardboard case .....	55
Bristol Audiophone horn speaker .....	100
Bristol Audiophone Jr. horn, open driver .....	95
Browning Drake, w/glass top & back, wk, WT, vg .....	325
Bruno PA microphone .....	100
Burns petal horn speaker, w/crack, g driver, g .....	250
Burns tortoise shell, petal horn speaker, g driver, no cracks .....	600
Capehart 111K3 radio/phono console, w/changer that flips records, g .....	10
Celluloid small speaker, 4" tall, open driver .....	50
Central Scientific Co. crystal set, g .....	110
Clarion large cathedral, g .....	300
Collapsible loop, g .....	225
Colonial ivory globe radio, 2 hairlines, nice .....	550
Crosley "Bullet," teal color, g .....	95
Crosley "Reado" home FAX machine, wood case, w/paper, vg .....	1,000
Crosley 1-tube amp .....	300
Crosley 50, WT, (2) .....	100, 200
Crosley 51, WT, (2) .....	105, 125
Crosley 148 small cathedral, vg .....	165
Crosley 178 mantel set, 2-knob, wood, vg .....	175
Crosley ACE, WT .....	85
Crosley Pup, WT & tag .....	400
Crosley RFL, w/top cover & tag, g .....	225
Crosley Super Musicone speaker, open driver .....	35
Crosley Trirdyn regular, WT & original carton, vg .....	275
Crystal set, small box with galenas .....	35
Cutting & Washington 11B, WT .....	350
Cutting & Washington, model number missed ..	5,000

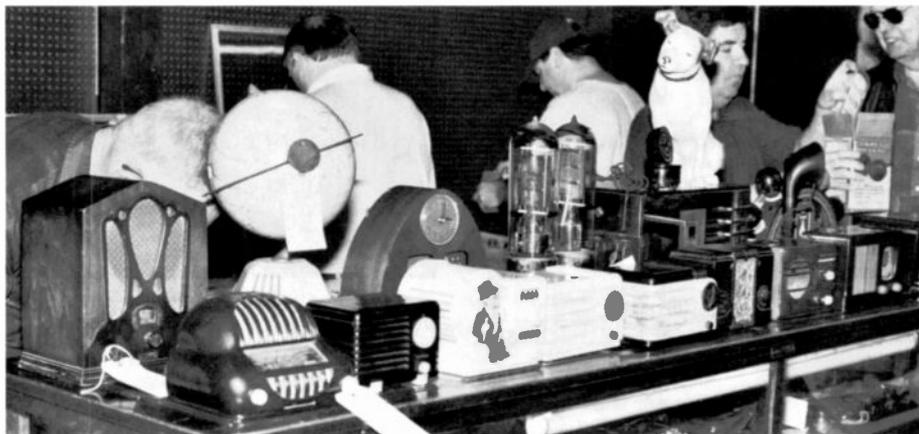


Two cone speakers — the Crosley Super Musicone, left, sold for \$35; the large Timmons speaker with the ship motif sold for \$600.

DeForest D-10, w/coils, WT & loop, all original .....	950
DeForest D-17, WT & loop, g .....	550
DeForest DT-700 Radiohome, WT, g .....	700
DeForest DT-800, 2-step amp, WT, g .....	1,300
DeForest DT-600 crystal set, w/lid & label .....	600
DeForest F5, 3-dialer, WT, g .....	250
DeForest Interpanel set, no coils, WT & paper ..	2,500
DeForest older repro Audion control box, w/display double wing Audion, nice pair .....	1,100
DeForest Radiocraft D4 & D5, WT, phones, & lids .....	3,750
DeForest RJ-5 detector box, w/display single-wing Audion .....	5,000
DeForest RJ-9 control panel, w/good, single-wing, spherical Audion, vg .....	7,000
DeForest SP-2, 2-step amp, NT .....	1,100
Detrola 219 Super Pee Wee midget, vg .....	700
Detrola 302 clock radio, pyramid shape, wood .....	275
Detrola Pee Wee .....	275
Detrola Super Pee Wee, white w/red knobs .....	225
DeWald brown Catalin, small hairline .....	600
DeWald FM tuner, wood .....	5
Dictograph horn, g driver, g .....	225
DuMont RA 346 clock radio, missing knobs, g .....	65
DW Boston wood spark coil .....	40
Dwarf small tombstone, vg .....	500
Echophone cathedral, g .....	225
Edison golden anniversary replica bulb, in box, gf 100	
Edison Type 4 porcelain wet cell batteries, (2), g ..	275
Electro-Voice microphone & one other .....	50



A virtual sea of Atwater Kent breadboards ranging in price from \$900 to \$3,800.



*An eclectic mix of radios and radio-related items.*

Electro-Voice B2 desk microphone, like velocity microphone .....	225	Hallicrafters S-20R, wk .....	35
Emerson AX-211 "Little Miracle," small .....	150	Hallicrafters SX-101, g .....	225
Emerson, brown Catalin, white face .....	125	Hallicrafters SX-25, wk, g .....	85
Emerson, white plastic .....	25	Hallicrafters SX-28A, no cabinet, g .....	125
Emerson, yellow Catalin, g .....	1,200	Hallicrafters SX-71, wk, g .....	75
Etherphone RX-1, 1-tube set, w/crystal, small box, label, f .....	425	Haynes Griffin 7-tube battery superhet, NT or case, vg .....	85
Fada, plastic, Catalin, white w/red trim, vg .....	1,200	Home brew, 3-dialer, WT .....	35
Federal 61, complete, WT, g .....	800	Home brew, early set, good parts .....	95
Federal 102, missing knobs & parts, p .....	500	Home-brew crystal set, loose coupler, nice .....	200
Federal 110, WT & label, vg .....	600	Home Rad o Corp. 1-tube & crystal set, in wood box, g .....	700
Federal 57, panel damaged .....	200	Howell crystal set, small .....	85
Federal Jr. crystal set .....	325	Jackson Bell peaked tombstone, 3 knobs, vg .....	250
Fiat square wood loop, g .....	150	Jefferson tube rejuvenator, N.I.B. ....	40
Fitch small cone speaker, g driver & paper, nice ..	145	Johnson Viking transmitter, f .....	95
Freshman Masterpiece 3-dialer, WT, no case, g ..	85	Johnson Viking VFO .....	60
Freshman Masterpiece, in drop-front case, w/built in horn .....	75	Kadette Jewel small plastic mantel set .....	200
Garod 6AU1 Commander, red Catalin, w/yellow grill, vg .....	1,100	Kadette plastic table .....	145
Garod 12" x 6" illuminated Plaskon desk sign, very pretty .....	450	Kadette wood clock radio, nice .....	75
GE 470 tombstone, vg .....	150	KD horn speaker, good driver .....	150
GE A53 tombstone, 4 knobs, g .....	95	Kennedy Model V, 3-tube, slant-front, WT, g .....	500
GE E68 small console, wk, f .....	65	Kennedy 110, g .....	1,400
German plastic Deco radio .....	60	Kennedy 220 .....	700
Gilfillian 3-dialer, WT, g .....	75	Kennedy 281, w/original shipping carton, vg ..	1,100
Gilfillian GN-3, slant-front, 2 dialer, 4-tube, WT, vg ..	450	Kennedy 311 portable, 1-tube, wood case, vg ..	1,700
Grebe CR-2, vg .....	7,250	Kennedy 521 2-step amp, good audios .....	500
Grebe CR-5, WT, g .....	1,000	Kennedy 525 2-step amp, NT, 1 audio open, 1 missing .....	450
Grebe CR-8, NT, vg .....	900	Kennedy :000, 2-knob mantel set, last Kennedy radio made, f .....	350
Grebe CR-9, WT, g .....	500	King-Hinners 3-dialer, w/meter, WT, wk, (prior Muchow auction item) .....	100
Grebe CR-12, NT, g .....	600	Klitzten, Michigan Radio 1-tube receiver & 2-step amp, w/WX-12s .....	150
Grebe CR-13, WT, vg .....	2,100	Kodell 1-tube amp, WT, g .....	800
Grebe CR-14, WT, g .....	800	Kodell 1-tube tuner .....	325
Grebe MU-1, on battery box, WT, g .....	350	Kodell crystal set .....	450
Grebe RORK, NT, g .....	1,000	Kodell microphone/speaker, g .....	700
Grebe RORK, WT .....	1,600	Kodell speaker/microphone, open .....	95
Grigsby Grunow horn speaker, open driver, g .....	65	Kriesler Triple Throat (Australian) plastic radio, dual dials either side, some damage .....	65
Grunow small table, w/chrome grille, vg .....	200	Lafayette microphone .....	15
Grunow Teledial table, p .....	40	Lil Wonder toy microphone .....	10
HAL RS-2100 RTTY scope .....	5		
Hallicrafters metal speaker cabinet .....	65		
Hallicrafters S-20R, g .....	50		

*(Continued on following page)*

(Estes Auction, continued)

Loop antenna, tall, wood frame, could be WE .....	150
Magnavox AC-2 amp, WT, g .....	425
Magnavox AC-3 amp, WT, vg .....	450
Magnavox BM-4 small horn, g driver .....	85
Magnavox R2B large horn, g driver .....	300
Magnavox RB-3 tall horn speaker .....	85
Magnevox M4 horn speaker, g driver .....	95
Majestic Charlie McCarthy model, small hairline, g .....	700
Majestic morale receiver, military, metal, (2), f .....	25, 25
Martian Beauty, 1-tube set, WT, vg .....	2,300
Martian Big 4 crystal set, g .....	550
Martian Special crystal set .....	250
Marvelo 10 3-dialer, NT, f-p .....	30
Marilyn Monroe novelty radio .....	65
Melco Supreme 3-dialer, WT & label, g .....	375
Mercury Super 10 battery superhet, WT (215A) & all coils, g .....	1,200
Metro Electric ornate cone speaker, driver open, paper g .....	225
Metrodyne 3-dialer, WT, g .....	75
Michigan, 2 units, receiver & amp, WT (only 1) .....	250
Microphone, desk, looks like RCA velocity micro- phone but is not .....	225
Military, TV-7AU tube tester, metal case, f .....	200
Mitchel bedstead radio, ivory .....	15
Montgomery Ward 62-901 console .....	5
Motorola, Catalin, g .....	2,300
Murdock 3-dialer, w/horn built into case .....	225
Music Master cone speaker, ornate, 15" dia., vg .....	325
Music Master horn speaker, open, g .....	100
Music Master horn speaker, w/oriental decoration, g driver, vg .....	650
Music Master large loop, g .....	175
Narragansett keg radio, f .....	75
National Monodyne 1-tube set, in box .....	125
National NC-98, no bottom plate, g .....	75
NESCO CN-240 in carrying case, needs cleaning, 1,000M to 10,000 M, dated 9-22-17 .....	7,000
Nine-In-Line 28 superhet, WT, vg .....	400
Operadio fabric portable, w/loop, g .....	350
Otto Raydas 9-cell wet cell battery, in nice wood case, dated 1885 .....	350
Panasonic SW-2H portable, wk .....	500
Pandora Five 3-dialer, WT, vg .....	500
Paragon VT control unit .....	100
Parco 1-tube set, vg .....	275
Pathé 3-dialer, NT, g .....	25
Philco 38-4 slant-front console .....	30
Philco 41-625 radio/phono console, f .....	5
Philco 48-460, Bakelite, no back .....	55
Philco 60 cathedral, g .....	100
Philco 70 cathedral, g .....	225
Philco 84 small cathedral, (2), g .....	100, 100
Philco headset, N.O.S. .....	10
Philco Jr. cathedral, g .....	175
Philco small chrome speaker/microphone .....	10
Philco Transitone wood table, 2 knobs .....	60
Philco wood table, 2 knobs, nice .....	35
Pilot 3" TV, g .....	250
Plymouth wood, table model, 2 knobs .....	40
Radio panel only, yellow Catalin, for use in custom wall installation .....	250
RCA 9K2 console .....	35
RCA 118 tombstone, 4 knobs, vg .....	145
RCA Aeriola auto horn-style speaker, g .....	150
RCA Aeriola Sr. receiver, NT, g .....	125

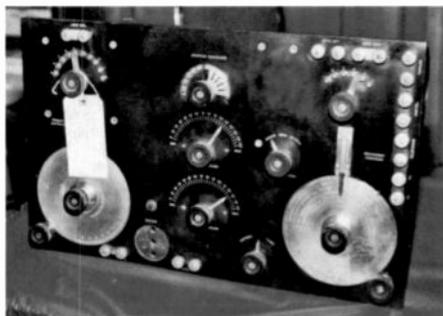


A Kennedy Model 311, a 1-tube portable, ca. 1923, that brought \$1,700 in the auction.

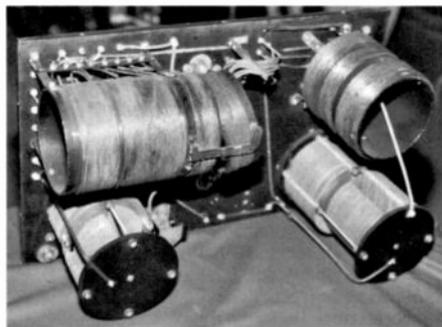
RCA Radiola 2-step balanced amp, NT .....	175
RCA Radiola 10" x 4' tapestry, "Superheterodyne," vg .....	475
RCA Radiola 20, WT & tag, vg .....	150
RCA Radiola 24, w/loop & lid, WT, g .....	375
RCA Radiola 26, w/battery box, NT, g .....	450
RCA Radiola 28, on table, w/loop, NT, g .....	125
RCA Radiola 60, on table stand, g .....	95
RCA Radiola ER 753A crystal set, w/phones, vg .....	1,000
RCA Radiola II, no phones, f .....	300
RCA Radiola III, NT, g .....	100
RCA Radiola IIIA, NT, g .....	175
RCA Radiola IV, g .....	500
RCA Radiola Special, by Wireless Specialty, g ...	700
RCA Radiola tapestry speaker .....	100
RCA RC (RADA), WT, wk, vg .....	275
RCA SK pressure microphone .....	60
RCA small red metal 8" portable TV, w/rabbit ears	55
RCA T910 tombstone, 5 knobs, new eye tube, g .....	175
RCA wood midget, g .....	135
Regency TR-1 transistor radio, w/case, ivory, 2 small cracks .....	250
Sampson small wood intercom, w/phone .....	105



This interior view of the Victor RE-154 shows the phonograph and the radio's front panel.



This Wireless Specialty IP-500 sold for \$5,500.



An interior view of the Wireless Specialty IP-500.

Scientific lab instrument, W.E.&M Co., Chicago, precision voltmeter, unusual, vg .....	105
Scott, E.H. 800B receiver & PS, chassis only. no speaker or cabinet, g .....	65
Scott, E.H., 12-tube chassis, no case, g .....	225
Sentinel, maroon Catalin, w/yellow grille, vg .....	1,100
Sentinel, small Bakelite, 2 knobs .....	40
Shure 22B ring stand desk microphone .....	150
Silvertone large table radio, f .....	15
Silvertone loose coupler crystal set, nice .....	1,000
Sleeper 2-dialer, 5-tube, slant-front, made for Macy's, WT, g .....	200
Sonerette, small European plastic, g .....	125
Sparton 557 "Sled," complete, mirrors need wk 1,150	
Sparton battery set, NT .....	105
Sparton console, 4 knobs, f .....	35
Sparton drop-front console .....	40
Sparton small cloisonné set, w/small nick .....	2,800
Speaker table, w/2 drawers .....	25
Stewart-Warner 301A shortwave converter, cathedral shape .....	45
Stewart-Warner book radio, vg .....	475
Stromberg-Carlson wood table, 3 knobs .....	30
Superhet, may be a Leutz Type C parts set .....	850
Timmons large cone speaker, ship decoration, open driver, paper g .....	600
Tombstone .....	85
Tower horn speaker, open .....	75
Tower metal horn speaker, g driver .....	125
Tower ship cone speaker, open driver, good paper, vg .....	500
Trav-Ler small radio, 2 knobs .....	20
Tung-Sol cardboard ad display sign .....	40
Tuska 225, WT, g .....	350
Victor RE-154 Electrola large console, wk, stocked with records, vg .....	2,200
Victor RE-156 large console, radio/record player, oriental style, vg .....	2,800
"Voice From Sky" Deco speaker, g driver, vg ...	4,500
Ward & Bonyou (sp?) crystal set, small wood case	150
Wards Airline 1-tube battery set, WT & paper, g ...	75
WE 7A amp, w/book, WT(2 g, 1 gassy), g .....	475
WE 25-3 amp, WT (g 205Ds) .....	1,800
WE 518 large horn, g driver .....	200
WE 521 horn speaker .....	45
WE electric phono adaptor, (2) .....	20, 25
WE wood crate .....	10
Webster Electric amp .....	60
Westinghouse old brass voltmeter .....	95
Westinghouse RA, g .....	125

Wireless Specialty IP-500, w/choice of several buzzers .....	5,500
Wireless Specialty small wood triode oscillator ...	400
Wood square frame loop, nice .....	225
Workrite Neurodyne, 5-tube, slant-front, WT, g ....	95
Zenith 3R, some knobs wrong, f .....	400
Zenith 6D312, plastic, white knobs, missing 1 PB, g 175	
Zenith 6S439 wood table, g .....	60
Zenith 7S363 console .....	300
Zenith 8S41 console, p .....	7
Zenith 8S661 console, g .....	30
Zenith 9S54 console, restored, wk, vg .....	450
Zenith 10-tube console, g .....	150
Zenith 10S464 console, g .....	65
Zenith 10S567 console .....	10
Zenith 10S568 console .....	25
Zenith 15U272 Georgian console, w/doors, shutter- dial chassis, vg .....	6,500
Zenith 1938 cabinet for shutter-dial chairside, no chassis, vg .....	130
Zenith large black-dial tombstone. 5 knobs, g .....	250
Zenith Stratosphere 25-tube console, 1 escutcheon missing, some knobs not correct, no speakers, vg .....	40,000
Zenith Trans-Oceanic, (3), g .....	65, 75, 75
Zenith Trans-Oceanic, f .....	30
Zenith Trans-Oceanic, p .....	35
Zenith, top portion of 12S265 shutter-dial console, g 105	

#### Advertising, Books & Ephemera:

ABC of Vacuum Tubes .....	\$10
A-C-S Radio advertising sheets, reprints, (35±) ..	\$30
Antique Radio Guide (Italian) .....	12
Atwater Kent dealer display sign, 3-panel, black, w/sailing ships, g .....	500
Atwater Kent pamphlets, (4), f-g .....	25
Atwater Kent pamphlets, (about 5) .....	30
Atwater Kent, Vol. II batch, (±3) .....	55
Books, sold by choice (22) .....	ea., 9 to 55
CBS hanging tube banner, 18" x 30", g .....	65
"Campbell Radio Service", porcelain enamel sign, 6" x 36" .....	105
Central Scientific Catalog .....	75
Collins, Experimental TV, w/dust jacket .....	130
Crystal Clear, soft .....	15
Dayton Catalog of Radio Supplies, & 1 other .....	85
Edison "Light-O-Matic" cloth banner, 2' x 6', f .....	250
Edison watch fob, dinner award .....	85

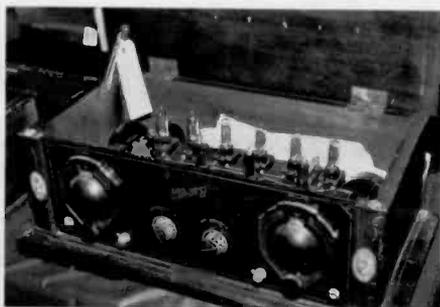
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(Estes Auction, continued)

Eimac Vol. I Catalog, loose leaf .....	10
EKKO stamp album, w/176 stamps glued in .....	325
El Radio cigar tin .....	55
Electrical Experimenter, 1918, (2) .....	17
Electrical Experimenter, 1915, g .....	15
Electrical Experimenter, 1916 (6) .....	40
Electro Importing 1915 Catalog #15, 1st ed., g .....	75
Elementary Principles of Wireless Telegraphy .....	12
Emerson cloth wall banner, 2.5' x 3' .....	35
Emerson hanging banner 3' x 3' .....	45
Everyday Mechanics, 1916-1917, (±12) .....	65
Flick of the Switch, soft .....	5
Framed poster, "News Gang" .....	25
Fruit can label "Radio" on a can .....	20
"Game of Radio" card game .....	25
GE 3' x 1' neon sign, "Radio Television," wk .....	175
GE advertising thermometer, "Tube & Transistor," 15" dia. ....	30
GE Catalog, 1922 .....	25
Grebe Synchrophase, pamphlet, g .....	15
Greybar Electric Catalog, 1922 .....	50
Hawley, Norman, Commercial Radio Operator, soft, f 10	
How to Make a Wireless Set, 1915 .....	20
Jenkins, Vision By Radio, 1925, vg .....	105
Knapp Electric Questionnaire game, f .....	15
Marconigraph, 1913, f .....	40
Mazda countertop metal store display, w/5 colored lamps .....	1,300
Neon sign, "Groove Tubes," 3' x 18", wk .....	105
Operators Wireless Telegraph Apparatus Catalog 20	
Pacific Radio News, (4), large format .....	125
Pacific Radio News small magazines, (5), g .....	350
Paper, service shop placards, (3) .....	10
Paper ephemera, sold by choice, (30±) ea., 4 to 225	
Philco 70 cathedral, w/store display instructions, cardboard panel, e .....	350
Philco Radio Atlas, 1935 .....	20
Philco yellow advertising clock, 24" dia., wk .....	375
Popular Electricity, 1910, (±6) .....	35
Radio News, 1921, (4) .....	25
Radio News, 1923, July-Dec. ....	40
Radio News, 1923, (4) .....	30



This Otto Raydas 9-cell wet battery, dated 1885, is shown with its cover removed. It sold for \$350.



This Mercury Super 10 with Type 215A tubes and all coils brought \$1,200.

Radio News, 1924, (7) .....	45
Radio News, 1925, (3) .....	15
Radio News, 1926, (3) .....	12
Radio News, 1926, (6) .....	25
Radio — Miracle of the 20 <sup>th</sup> Century, f .....	10
Raytheon illuminated countertop advertising display, "Pillar Tube Construction," vg .....	1,500
RCA advertising globe, not a radio, 10" dia., g .....	65
RCA Color TV banner, 3' x 2' .....	20
RCA early 12" plastic Nipper .....	275
RCA framed advertising wall map, 1930s, 2' x 18" .....	105
RCA Good News, covers show Radiotron Doll, (2) . 80	
RCA illuminated counter sign, 4' x 3', "RCA Tubes" 175	
RCA illuminated metal sign, 8" x 14", f .....	85
RCA large 3' dia. illuminated sign, g .....	150
RCA letter opener, g .....	45
RCA metal advertising chalk board .....	40
RCA metal illuminated tube sign, 6" x 36" .....	115
RCA Nipper, 3" salt & pepper shaker .....	50
RCA Nipper, 3" chalk .....	45
RCA Nipper, 3" pot metal .....	135
RCA Nipper, 3" tall, some damage, old .....	800
RCA Nipper ashtray .....	55
RCA Nipper, small .....	35
RCA Radiotron wood jointed doll, cords need tightening, g .....	800
RCA red drop cloth or banner, 4' x 4' .....	65
RCA Victor glass desk sign, 8" x 14" .....	90
RCA illuminated sign, "RCA TV-Radio," 3' x 1' ....	135
Redi Kilowatt figure .....	10
Rider, Vols. 12 & 13 .....	120
Science & Invention, (± 5) .....	30
Service manuals, flat (±7) .....	25
Small plaque, "St. Louis Radio Trade Association" 105	
Sparton cloth banner, 14" x 10', Sparton Super- Sonne .....	55
Sparton catalog .....	155
Sylvania tall metal advertising thermometer, 5', g . 45	
Tips For Amateurs & others, 1924, (3) .....	10
Westinghouse 1926 Electrical Supplies .....	20
William Duck #10 Catalog, vg .....	45
William Duck #8 Catalog, vg .....	65
Wireless Age, 1919, (7), g .....	65
Wireless Age, 1919, vg .....	20
Zenith edge lit desk sign, 8" x 14", "The Best In Radio," vg .....	900
Zenith hanging advertising banner, 5' x 3' .....	70
Zenith illuminated wall sign, 1' x 2' .....	75
Zenith letter opener advertising item, nice .....	165

Zenith porcelain enamel sign, 3' x 7', f ..... 250

**Telegraph and Telephone:**

Black candle stick phone, w/dial, f .....	\$200
Black candlestick phone, w/dial .....	200
Black candlestick phone, no dial .....	200
Boston key on marble base, bent shank, (2) 275, 325	
Cenco lab key .....	10
Child's toy phone .....	25
Clapp-Eastham Boston key, vg .....	500
Code practice set, in box .....	5
Couch small metal wall phone .....	25
Countertop metal tube rack, f .....	25
German desk set .....	45
German phone sets & parts .....	10
German white desk set .....	25
Goodell relay .....	85
Horace Martin bug, g .....	200
Key & sounder on base, in box .....	35
Key on wood base .....	10
Magneto .....	40
Manhattan Electric Supply, key, relay & sounder, all on board, g .....	150
S.H. Couch, small, metal intercom wall telephone	35
Signal sounder, in box .....	25
Small intercom phone set .....	10
Small wood box relay .....	45
Stromberg-Carlson intercom .....	10
Toy phones (or intercoms), (2)' .....	10
Vibroplex bug .....	75
WE sounder .....	10
Western Union relay .....	10

**Parts:**

Atwater Kent 1-tube island for breadboard. ....	\$155
Atwater Kent 2-tube island for breadboard. ....	175
Atwater Kent breadboard sockets, (4) .....	135
Atwater Kent knobs, flat, (2) .....	30, 45
Atwater Kent parts, flat .....	50
Atwater Kent TA 2-tube island for breadboard. ....	250
Atwater Kent tuner for breadboard, no case .....	15
Atwater Kent variable capacitors, flat .....	15
Atwater Kent variocoupler, N.I.B. ....	100
Atwater Kent variometer for breadboard .....	65
Baldwin headsets, (3) .....	95
Book condenser, old .....	95
Duck Co., William, loose coupler, vg .....	750
Central Scientific coil .....	15
Clapp-Eastham crystal detector on marble base. ....	100
Clapp-Eastham small loose coupler .....	650
Crystal detector .....	65
Crystal detector on base .....	25
Crystal detector stand .....	55
Crystal detector, 5 crystal selector, on base .....	275
DeForest panels for Unit Panel set, some or all may be repros, (15), vg .....	1,500
Detector tube caps, (5) .....	10
Electro Importing detector stand, (2) .....	25, 85
Electro Importing spark coil .....	85
Federal parts, batches, (2) .....	70, 100
Federal variable capacitor, in box .....	15
Ferrodyne variable transmitting condenser, in box	45
G&W crystal detector .....	85
IF transformers, old, flat of 8 .....	50
IRC metal volume control kit, nearly full .....	25
Manhattan Electric Supply detector crystal .....	125
Meteor Navy type loose coupler, g .....	350



*This DeForest RJ-5 detector box with single-winged Audion (not shown) sold for \$5,000.*

Navy-style loose coupler, g .....	450
Plug-in coils, flat .....	10
Porcelain sockets, flat .....	10
Rumpkoff spark coil, ca. 1915, medium size, vg. .	375
Signal variable capacitors, etc. ....	55
Sockets, flat .....	55

**Phonograph & Related Items:**

Edison large concert cylinders, in case, "Mocking Bird" .....	\$200
Records, batch of 45s .....	10
Records, box of 78s .....	2

**Tubes and Related Items:**

01-A rainbow, BB, TT, (3), 2 weak, 1 open .....	\$65
01-A TT, BB, tested, (2) .....	145
01-A, (5) .....	120
01-A, BB, (2) .....	225
01-A, BB, (5) .....	105
01-A, BB, TT, tested, (2) .....	105
01-A, gf & 2 duds, (14) .....	150
01-A, rainbow, tested .....	85
01-A, ST, test g, in box, (6) .....	65
10Y, ST, tested, (2) .....	25
10Y, tested, (2) .....	30
27, (3) & (2) duds .....	15
45, globe, in box, (2, 1, g) .....	105
45, ST, gf, in box, (2) .....	95
50, globe, gf, & Western 249 .....	45
50, globe, N.I.B., tested .....	150
50, globe, unmarked, tested .....	50
71A, ST, N.I.B., (5) .....	95
80, ST, N.I.B., (4) .....	40
81, in box, (3) .....	25
202, gf, BB, TT, (3) .....	10, 30, 30
203, early rainbow, w/socket, gf .....	205
304TL, in box .....	195
861, large transmitting, gf .....	45
Airline 01-A ceramic base, (2), 1 g, 1 dud, in box .	35
Arcturus 31 & 27, & 2 display tubes .....	45
Bosch 224, globe, in box, (2) .....	25

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*(Estes Auction, continued)*

Brightson Blue 01-A, in original box, all gf, (5) ..	1,500
Brightson Blue, consecutive numbers, (3), 2 open	800
CG1162, N.O.S., in box, (5) .....	200
Cunningham C302, BB, TT, gf .....	115
Cunningham 50, globe, tested, N.I.B. ....	175
DeForest 01-A, TT, tested .....	15
DeForest 20, TT, w/nickel base, gf .....	150
DeForest 511, gf .....	35
DeForest DV-3, in can .....	175
DeForest DV-3, in can, gf .....	100
DeForest DV-3A, in can, open .....	65
DeForest DV-5, new, in can .....	35
DeForest spherical Audion, double-wing, Hudson filament, gf .....	1,500
DeForest tubular Audiotron, display .....	30
DeForest tubular Audiotron, in socket adaptor, gf	125
DeForest Spherical Audion, single-wing, gf .....	1,000
DeForest Spherical Audion, single-wing, open ....	700
Donnalay tube, gf .....	65
Electrad diode & socket, display .....	35
GE VT-4C, N.I.B. ....	55
German RE-78, open .....	10
Golden Airline 01-A, check g, (2) .....	125
Golden Airline 01-A, gf .....	65
Kenrad ST 50, tested .....	95
Majestic rectifier tube, (like BH), N.I.B. ....	35
Meyers, in box, gf .....	55
Meyers, N.I.B., w/hardware, gf .....	65
Moorehead external grid tube, display .....	175
Moorhead ER Audiotron, unk fil .....	45
Myers tube, in adaptor, gf .....	75
Perryman mesh plate 245, (2), 1 g, 1 weak, in box	250
Philco 50, ST, N.I.B. ....	95
Raytheon UX199, in box, gf, (2) .....	55
RCA 2A3, tested, in box, (2) .....	145
RCA 6E5, N.I.B. ....	15
Sodium D21, in box, gf .....	150
Sonotone Type 10, globe, gf .....	30
Sylvania 845, gf .....	45
Sylvania VT-25, test g .....	20
Taylor 203A, gf, (2) .....	25
Telefunken EBN-171, World War I era, gf .....	95
Tubular Audiotron .....	35
Tubular Audiotron, w/socket adaptor, open .....	50
UV202, BB, TT, gf .....	25
UV99, in box, (2), 1 open .....	45



*High-end consoles sold well. This 15-tube Zenith 15U272 in very good condition sold for \$6,500.*

UX01-A, (6), all g .....	70
UX120, gf, in box .....	40
VT-25 (2), N.I.B., (2) .....	30
VT-4C, N.I.B., (211) .....	45
VT-52 (3), tested .....	130
Wardware 01-A, in box, (2) .....	65
WD-11, in box, (2) .....	105
WD-11, in box, gf .....	55
WD-11, N.I.B. ....	65
WD-12, BB, TT, gf .....	55
WE 101F & 205D, both weak .....	105
WE 101F, tested, in box .....	110
WE 203D, gf .....	30
WE 205D, checks OK .....	250
WE 211D, gf .....	100
WE 211E, gf .....	55
WE 212D, w/Clauson socket, gf, (2) .....	500, 600
WE 216A, gf .....	65
WE 216A, gf .....	75
WE 242A, BB, gf .....	50
WE 276A, BB, gf, (2) .....	175
WE 276A .....	75
WE 276A, BB, gf .....	55
WE VT-1, gf .....	55
WE VT-2, tested .....	200
WE VT-25A .....	85
Welch peanut tube, gf .....	150
Welch peanut tube, w/socket, gf .....	115
X-ray tube, large, old .....	400



*An Eveready Raytheon tube display that sold for \$1,500, surrounded by an Atwater Kent lamp, an RCA globe, and an Atwater Kent breadboard.*

*(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Estes Auctions, 7404 Ryan Rd., Medina, OH 44256; (888) 769-4992; estesauctions@aol.com)*



# AUCTION REPORT

## Radio Daze Auction — May 20, 2005

CONTRIBUTED BY GREG FARMER

The Northland Antique Radio Club's (NARC) Radio Daze was held May 20-21, 2005, at the Comfort Inn in Plymouth, Minnesota. The events included a swap meet, a raffle, an old equipment contest, a luncheon with a guest speaker, and the auction reported below. Many thanks to Alan Jespersion of Great Northern Antiques for forwarding Greg Farmer's auction report. (Editor)

Wow! What a fun auction! This year's Radio Daze auction offered more than twice as many radios as were offered in 2004 and didn't end until about 10:30 Friday evening. Auctioneer Ed Ripley kept things moving, and his crew worked smoothly as they hauled items up for sale. A nice addition this year was the quick review of each item's qualities that Kip Wallace, former NARC president, gave as each one came up. Don Hauff and his crew again did an outstanding job of record keeping. I think they have a better system and do a better job than any auction I've attended. Thanks to all who helped!

The auction included 138 items with the most expensive being a rare prebroadcast era Pittsburgh Wireless detector/amplifier pair that was sold for \$2,300 by a man who had owned it since 1936. A couple of other highlights were a Zenith R520 selling for \$390 and a large Nipper dog for \$330. Total sales were \$8,045 with \$350 of that going to NARC.

Amazingly, the number of sellers increased from 18 last year to 33 this year. There were also 24 more bidders registered for the auction this year, so we hope this trend continues in the years to come. A sampling of items from the auction is listed below.

While auction prices should not be used to place a value on your own radios, it is still interesting to see the prices realized at the annual Radio Daze auction. Keep in mind that the condition of these items ranged from fair to excellent, and they were bid accordingly.

Admiral 1948 7-inch TV .....	\$100
Airline movie-dial console .....	100
Airline tombstone, 1939 .....	70
Atwater Kent 33 .....	55
Atwater Kent 49 .....	70
Atwater Kent E speaker .....	45
Atwater Kent Kiel table radio .....	140
Atwater Kent L horn speaker .....	70
Belmont, white Bakelite .....	180
Bendix 0526E .....	35
Bendix radio banner .....	30
Brush crystal headset, in box .....	20
Courier Gladiator CB radio, .....	120
Erla clock/radio tombstone .....	130
Freed-Eisemann FE-15 .....	55
Grebe synchrophase .....	120
Grunow tombstone .....	160
Guild tea kettle radio .....	55
Heathkit Ham radio .....	80
Heathkit tube tester .....	15
Mitchell 1260 lamp radio .....	80
Pittsburgh Wireless detector/amplifier set ...	2,300
Philco 49-909 .....	20
Philco TV banner .....	40
RCA 9K2 console .....	120
RCA Nipper dog, large .....	330
RCA Radiola 33, w/speaker .....	55
RCA Radiola 60 .....	100
RCA Radiola 103 speaker .....	40
RCA Radiola III .....	55
Stromberg Carlson 635, 1928 .....	80
Thompson battery set and horn .....	140
Tri-City 1-tube radio .....	50
Tube caddy, WT .....	30
Westinghouse Aeriola Sr. ....	60
Westinghouse Aeriola Sr. ....	90
Zenith 5R080 radio/phone .....	10
Zenith battery radio, 1938 .....	70
Zenith black-dial tombstone .....	100
Zenith chassis, 8-tube, 1940 .....	30
Zenith chassis, 12-tube, 1941 .....	25
Zenith Chromacolor sign .....	10
Zenith R520 .....	390
Zenith Trans-Oceanic .....	50

(Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432)

The Northland Antique Radio Club publishes the "NARC Newsletter" quarterly, and holds four meets per year, including two swap meets, as well as the annual Radio Daze event. For more information: PO Box 18362, Minneapolis, MN 55418; [www.geocities.com/TelevisionCity/4544/](http://www.geocities.com/TelevisionCity/4544/)

**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.



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*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 non-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 1/16-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	\$1,329.00*	\$2,325.00**	\$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.; 1/4 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.

E-mail: [arc@antiqueradio.com](mailto:arc@antiqueradio.com)

Web: [www.antiqueradio.com](http://www.antiqueradio.com)



## 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 months up to your subscription expiration; 12-months, maximum) 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, I and l (the number one, the capital i and the small L.) Also: 0, O, o, Q and D; v, r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets] in ads.

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.

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.

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

**Deadline: NOON ET— 10th of the 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.

### 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.



**WANTED:** Olympic radio functional switch, Part #31066, Model #1770, chassis 177, rotary wafer type. Julius A. Anderson, 175 Orient Ave., Jersey City, NJ 07305-1667. (201) 432-4619

**WANTED:** TV tuner channel strips and cabinet back for Admiral 30A15S. Please call or write Kevin Terry, G-4137 Fenton Rd., Burton, MI 48529. (810) 238-5269. E-mail: kevin@centennialtitle.com

**RATE FOR ADDITIONAL WORDS:**

**29c per word**

**FIRST 20 WORDS FREE!**

**Cash OK for small amounts.**

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

**WANTED:** N.O.S. or good used 25Z6 G tube, Sparton branded only. Rod Matzko, 3 Coloma Ct., Sterling, VA 20164. E-mail: matzko@erols.com

**WANTED:** Hi-fi commercial speakers: Altec, Electrovoice, JBL, Jensen, Goodmans, Tannoy, Stephens, Western Electric – working or not. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: sonnysound@aol.com

**WANTED:** Piles of radio knobs, also crystal set parts or whole sets. Thanks. Evan Powell, 4717 Conquista Ave., Lakewood, CA 90713. (562) 429-3793. E-mail: overadio@bigvalley.net

**WANTED:** Meter movement for Western Electric KS-15750 (Hickok) tube tester. Walter L. Hughes, WB4FPD, 6 Academy Ct., Berryville, VA 22611. (540) 955-2635

**WANTED:** Dial glass for Warwick 604, 606, or 653, part #6722. Will buy junker radio if dial glass is good – write or call. Ted Rogers, 6938 E. Waco Dr., Syracuse, IN 46567. (574) 457-8886

**WANTED:** Coils for United Radio 683534 (Rider 9-81) or chassis P/N 7230384 RF plate, 72306001F, 7230375 2nd IF, 7230470 Rf Ant. Robert Hoppe, 523 Clark St., Waverly, NY 14892. (607) 565-2696. E-mail: rhoppe@infoblvld.net.



**WANTED:** Fada Catalin radios. Help! My entire collection spontaneously combusted during an interview with the "Enquirer." Replenish and repent ye sinners. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Early crystal set radios and crystal set parts for collection. Richard Bisoski, 2880 South Channel, Harsens Island, MI 48028

**WANTED:** Need working B&K 360 volt ohm meter. Gil Warrenton, PO Box 5348, Bisbee, AZ 85603. (520) 432-9115

**WANTED:** Output transformer for Phico Model 40-200, 39-40, Part No. 32-7981. Norman Reiss, 360 South St. W, Deer Park, WI 54007. (715) 269-5473

**WANTED:** Cabinets for Emerson AX-211, ivory or brown and Airline 62-351. Jim Ligouri, 7 Sycamore Ct., Atkinson, NH 03811. E-mail: jligouri@aol.com



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**FOR SALE:** Scott Imperial 23 Tasmin, average chrome, original finish, works, pick up only - \$2,150. Frank Drost, 2226 Whispering Trail, Eagan, MN 55122. (651) 406-1266

**FOR SALE:** AK 725 tombstone in a 451 cabinet, exc, plays - \$180. Philco cathedral 37-84, g - \$95. Buzz Miller, 725 Mt. Rock Rd., Carlisle, PA 17013. (717) 776-3279. E-mail: buzzm@sprintmail.com

**Classified Ad Deadline Noon**

**Oct. 10 for Nov. 2005 Issue**

**Nov. 10 for Dec. 2005 Issue**

**Photo & Display Ads - 1st**

**FOR SALE:** Knight tube tester - \$40. Project radios: Philco cath. - \$40; Grunow SW tombstone - \$40. Bruce Beckney, 5472 Timberway Dr., Presque Isle, MI 49777. (989) 595-6483

**FOR SALE:** Pair of 810 tubes in original boxes, look new, no means of testing. Cecil McLaggan, Jr., 2724 Ledo Rd., Apt. V25, Albany, GA 31707-6641. (229) 436-8396

**FOR SALE:** Heathkit manuals for their GR-2001 classic TV, 8 manuals & schematics - \$20. Maxwell Strange, 11710 Wayneridge Ct., Fulton, MD 20759. (301) 725-3858

**FOR SALE:** 78rpm and cylinder records from the world's premier company dealing in vintage recordings. Nauck's Vintage Records, 22004 Sherrod Ln., Spring, TX 77389. Web: www.78rpm.com

**FOR SALE:** Many nice transistor radios. Call or e-mail for list. Take 30% off. Doug Ferrero, 70173 Hillside Ct., Romeo, MI 48065. (586) 336-0120. E-mail: transistoradios@sbcglobal.net

**FOR SALE:** DM36D Dynamotor, Crosley cathedral 666, Zenith tombstone 4B231, ARC5 transmitter parts, Kellogg power supply. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

**FOR SALE:** Electronics, Lectures by Paul Heyl, Mallory Book, fine cond. -\$7 ppd. Henry C. Loos, 542 Tomahawk Ct., Palm Beach Gardens, FL 33410. (561) 352-8172. E-mail: hcloos@adelphia.net

**FOR SALE:** Sundial Wire supplies new cloth-covered wire, custom manufactured to replicate vintage electrical wire. Many styles, colors, gauges, most exclusive to Sundial Wire. Plugs also. Safe and authentic. Sundial Wire, PO Box 803, Northampton, MA 01061. (413) 582-6909. Fax: (413) 582-6908. Web: Full service site <http://www.sundialwire.com>. E-mail: [custserv@sundialwire.com](mailto:custserv@sundialwire.com)

**FOR SALE:** 12AX7 Industrial, Minneapolis Honeywell, 3 tubes - \$50 each. Tung Sol 12AX7 tubes - \$12 each. New 12BH7 tubes - \$15 each. All plus S&H. JJ Papovich, 165 Trellis Ln, Sewell, NJ 08080. (856) 464-6741. E-mail: [jjpapo@juno.com](mailto:jjpapo@juno.com)

**FOR SALE:** Selling my radio collection. Radios from 1920s-1950s, Rider Vol. 1-19, books, parts. Bob Kurzawa, 1608 Stonehurd Rd., Raleigh, NC 26707. (919) 859-0924. E-mail: [kurzawa@mindspring.com](mailto:kurzawa@mindspring.com)

**FOR SALE:** Moorehead tube collection, too many to list here, for complete list of types & condition. Send SASE or e-mail me at [vtubes@charter.net](mailto:vtubes@charter.net). Jeff Arndt, 908 6th St., Kewaunee, WI 54216-1718. (920) 323-6789

**FOR SALE:** Tube and transistor radios. Free: collectors software. Hank Maurer, 101 Sunset Terrace, Scotts Valley, CA 95066. (831) 438-0159, evenings. E-mail: [hmaurer@attglobal.net](mailto:hmaurer@attglobal.net). Web: <http://pws.prserve.net/usinet.hmaurer/mywp.htm>



## New Jersey Antique Radio Club Antique Radio Indoor Swap Meet

**Sunday, October 23, 8:00 AM - 1:00 PM\***

**North Centerville Vol. Fire Co., Hazlet, N.J.**

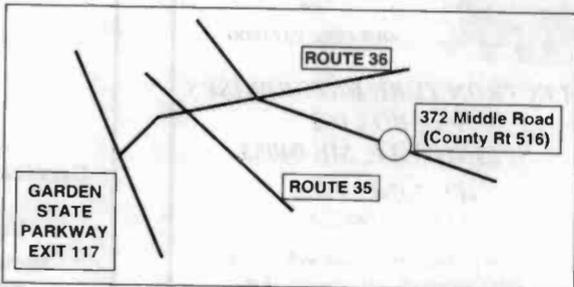


The NJARC presents its Fall swap meet at the spacious North Centerville Fire Co. banquet hall in Hazlet, N.J. The first 15 reservations receive an 8-foot table at no extra cost. A \$5.00 buyer donation is suggested. \*Vendor setup at 7:00 AM (no early admittance); the meet may extend beyond 1:00 PM.

**DIRECTIONS:** Garden State Parkway, North or South: Take exit 117 (towards Hazlet (Rt. 35)/Keyport/Aberdeen). Bear left onto Route 36 and continue for about 0.5 mile. Turn right on Middle Road (County Route 516 East) and continue for about 1.5 miles. The Fire Co. banquet hall is on the right.

**RESERVATIONS:** Marv Beeferman, 2265 Emerald Park Drive, Forked River, NJ 08731 (609-693-9430). E-mail: [mbeeferman@cs.com](mailto:mbeeferman@cs.com). Phil Vourtsis, 13 Cornell Place, Manalapan, NJ 07726. (732-446-2427). E-mail: [pvourtsis@att.com](mailto:pvourtsis@att.com).

**RATES:** NJARC members \$15/space; non-members \$20/space.



**WANTED:** Top lid, manual for Hickok 580, manual for Hickok 121. **FOR SALE:** AK 20 - \$25. AK 44 - \$45. Carter, 1460 Pinedale Rd., Charlottesville, VA 22901. (434) 979-7383. E-mail: celliott14@earthlink.net

**WANTED:** Stromberg-Carlson Model 674 or similar chassis and speaker. Crank type phonographs and parts. Severin Dvorsky, 380 Morrison Dr., Pittsburgh, PA 15216. (412) 344-6633. E-mail: sdvorsky@aol.com

**WANTED:** Atwater Kent 20 and 35 parts set. Gil Warrenton, PO Box 5348, Bisbee, AZ 85603. (520) 432-9115

## One Month Free!

### BONUS FOR EARLY RENEWALS

If you renew **before** the month shown on your mailing label (your expiration month), you will receive an extra month on your subscription: 13 months instead of 12! 26 months for an early 2-year renewal!

**WANTED:** Manual/schematic for Pearce-Simpson marine radio Catalina. J.R. Linden, K7PUR, PO Box 4927, Cave Creek, AZ 85327. (480) 502-6396. E-mail: jrinden@usa.net

**WANTED:** Motorola X41 transistor radio, working, in black, brown or olive. State condition. Marty Dzik, 412 Gregory St., Schererville, IN 46375. E-mail: martyd64@comcast.net

**WANTED:** Junker Radiola VIIB parts! Need lid (sliding) hinge and misc cabinet metal brackets which supports the chassis. Will trade items for these parts. W. Boyd, 74 Ahsion Ct., Medford, NJ 08055. (609) 654-0299

**WANTED:** Tube hi-fi/commercial sound equipment tubes: Altec, Fisher, Scott, Pilot, Eico, Marantz, Dynaco, Leak, Quad, Tannoy, Western Electric, etc. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 480-6824. E-mail: sonnysound@aol.com

**WANTED:** Viewtone small screen TV pictured in Sam's folder #68. Also a Meck 7 inch TV. Thanks. Ted Depto, 913 5th Ave., Patton, PA 16668. (814) 674-8834

**WANTED:** Brown dial escutcheon for 1940 Stromberg-Carlson console #450M, repro OK. Pay your price! Thanks. Michael K. Tremper, KC2HFR, 110 Lynncrest Ter., Cheektowaga, NY 14225. E-mail: mkttube@bluemoon.net

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**WANTED:** N.O.S. auto radio vibrators, 6 & 12 volt, name brand only, must test good. Hans Kleeman, 1070 Riviera Ave., Banning, CA 92220. (951) 845-4222

**WANTED:** Pre-1925 Zenith and Chicago Radio Laboratories. I pay top dollar. Scott Morton, 3011 Hudson, Erie, PA 16508. E-mail: mrzenith@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:** Escutcheon for Zenith 1938 shutter dial. Tube bases for WD-11's. Curt Lutz, 1021 N. Hickory Pl., Broken Arrow, OK 74012. (918) 251-4915. E-mail: clderadios@cs.com

**WANTED:** Broadcast microphones. Early carbon, condenser, ribbons, etc. James Steele, PO Box 610, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphonecollectors website: <http://www.k-bay106.com/mics.htm>

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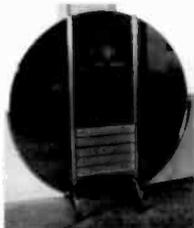
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## Mirrored Radio Auction

Saturday, November 19, 2005 at 10 AM



at the Expo Auction Center  
8157 Garman Rd., Burbank Ohio (Exit 204 off I-71)  
then south to the Duke & Duchess Gas Station, turn left  
onto Garman Rd. and follow to the auction site.



Featuring two Sparton Nocturnes with over 50 more mirrored radios. Sparton Nocturnes - the most beautiful of all the Deco-style radios designed by Walter Darwin Teague. rarely does this radio come up for auction. We at Estes Auctions are privileged to offer one in cobalt blue, and one in peach (old rose). They have both been restored to factory specs. The sale also offers a superb Bar-ette Deco-style radio with cobalt blue back panel with matching shelf panels, very Deco radio bar with huge fold out bar area with matching glassware. Adding to the excitement of this spectacular auction will be 50 more mirrored radios that were normally found in the boudoir of movie stars or very affluent individuals. There are Troy mirrored radios, Jackson Bell, Cleartone, Promenette, a peach Sparton sled, a cobalt blue Sparton sled, Sparton Bluebird, Algene Silver, Reflections Blue, Reflections Green. In addition the sale will include a Sparton neon sign, a Santa Claus stand up extolling the Sparton radio line, two grandfather clock radios, one Majestic one by General Electric. Also selling glass panels for various mirrored radios. Make your plans now to be at this very special auction.



**Richard Estes, K8LRY – Auctioneer**

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**Medina, Ohio 44256**

**Bob Dobush – Tubes**

**Kim Graca – Tech Support**

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**FOR SALE:** One nice Crosley 51-P portable. This is a 2-tube set of 1925 with good leatherette and handle. There is some surface rust on the outside hardware, but it's all there and solid. Inside are (2) UV-199 tubes that test good. This model is hard to come by in decent condition. Yours for - \$165. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649. (508) 477-1578 before 9 pm EST please. E-mail: radio-1@comcast.net

**FOR SALE:** Airline 62196 - \$125. Silvertone 4500 - \$70. Belmont 6D120 - \$55. Many others. H. B. McMahan, 313 W. Shaw, Tyler, TX 75701-3029. E-mail: hbmcc@earthlink.net

**FOR SALE:** Deflection yokes: (2) RCA 77697, (2) RCA 76653 and (1) Merit MD13. All 5 yokes for - \$45 or \$10 each plus S&H. JJ Papovich, 165 Trellis Ln, Sewell, NJ 08080. (856) 464-6741. E-mail: jipapo@juno.com

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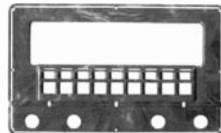
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**FOR SALE:** HP 606B signal generator, HP 8708A synchronizer - \$75 ea. Tandburg TR2075 - \$100. Buddy Herring, 1310 Andover Rd., Charlotte, NC 28211

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**FOR SALE:** Zenith R7000 Trans-Oceanic, vg, includes instructions, logs and charts - \$125 plus shipping. Paul Check, 221 Paterson Ave., Lodi, NJ 07644. (973) 778-6649

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**WANTED:** Emerson 543, c. 1947, ivory Plaskon. James B. Henderson, PO Box 172, Moulton, AL 35650. (256) 974-3641

**WANTED:** Log & charts for Zentih D7000Y Trans-Oceanic. Robert M. Patrick, 32517 Dover Ave., Warren, MI 48088. (586) 268-5627

**WANTED:** For Airline movie dial, good film and projection bulb. Neil Dorfman, 7028 Clements, West Bloomfield, MI 48322. (248) 661-8770. E-mail: nbd@juno.com

**WANTED:** AK 447 tombstone cabinet or complete set in any condition for cabinet parts. Joe Milano, 57 Hillcrest Dr., Wayne, NJ 07470. (973) 694-3721

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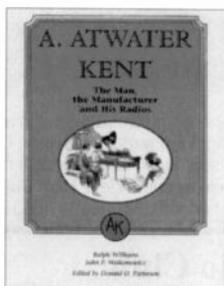
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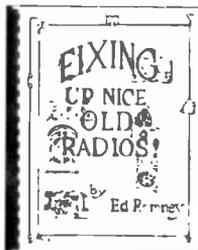
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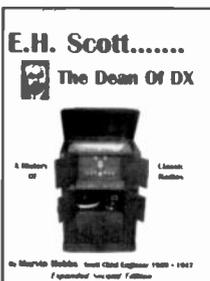


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(#1-2-May05)

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(#35-Sep-04)

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Saturday, October 22, 2005 at 10 AM

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This is a collection from North Carolina and from Connecticut and will offer many early radios as well as a large selection of cathedral and tombstone radios. Along with many amateur radio receivers, horn speakers and other types, lots of tubes, magazines, books and other items. Some of the offerings are Cathedrals: Atwater Kent 90, Philco 19, Philco 20, Philco 60, Philco Jr., Crosley 154, Kennedy 42, Philco 70, Philco 90, Philco 89, RCA 128, Philco. Tombstone Type: RCA 85T2, RCA T8-14, RCA 118, RCA C6-2, RCA 6T2, Philco 655, Traveler 53, Silvertone 1938, Crosley 5M3, Philco 38-93, General Electric and many more, a very nice Atwater Kent Model 10 breadboard, a Crosley Pup, Sionion BR-6, Grebe CR8, Grebe CR-9, Grebe CR-12, Magnavox AC-4 amp, Radiola Special, Crosley 50, 51, 52, Navy Diving amplifier, Aeriola Senior, DeForest Type F-5, DeForest DT-600, Tuska 300, Amrad S-522, Radiola II, Globe, DeForest D-17, Eveready #1, Federal Jr. crystal set, Grebe Type RORN 227, Aeriola Jr., Tuska 305, RA-DA, Grebe Synchrophase, one with chain drive, one without, Chelsea, Henry Lyford, Magnavox Telemegaphone control box, Amrad 3500-1 (2-piece), Airscout Jr., other nice sets including (25) various make battery sets. Horn speaker: Bristol, Magnavox, Remotrumpet, Atwater-Kent, Magnavox M-4, SAAL, Dictogrand, WLS, Western Electric D-10, beautiful Tower (ship) cone speaker. Tubes: Several thousand, Many types 201A, UV-99, UX-99, WD-11, WD-12, Blue Arcturus tubes, Type 45, DeForest, Western Electric. Lots of old radio magazines, and early radio books. Amateur Radio Receivers: National NC-300, NC-173, Hallicrafters SX-28, SX-18, SX-25, SX-101A, SX-28, National SW-5, National NC-57, Hammarlund HQ-100, HQ-110, other amateur radio items to be included. Make your plans to attend this sale. Special items: Beautiful Philco bar radio with all the original glassware. An Arvin Model 532 Catalin radio.

**Richard Estes, K8LRY – Auctioneer**

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**(Please no classified ads by phone. Thanks!)**

**FOR SALE:** New tubes, AA5 radios 35Z5, 50L6, 12SK7, 12SQ7, 12SA7 - \$23.85 ppd. Wayne LeTourneau, PO Box 62, Wannaska, MN 56761. E-mail: [letourneau@wiktel.com](mailto:letourneau@wiktel.com)

**FOR SALE:** 1941 & 1942 Philco escutcheons, knobs and pushbuttons reproductions now available. Other various knobs and pushbuttons also available. Contact us for specific model numbers on escutcheons. Old Time Replications, 5744 Tobias Ave., Van Nuys, CA 91411. (818) 786-2500. E-mail: [oldtimerep@aol.com](mailto:oldtimerep@aol.com). Web: <http://www.antiqueradioknobs.com>

**FOR SALE:** Adapters for #50 and #45 tubes - \$20 and \$16 plus UPS. James F. Sinwell, 511 Newport Dr., Greensburg, PA 15601 (724) 834-0763.

**FOR SALE:** Crosley 10-136E - \$110. Crosley 11-115U - \$110. Farnsworth ET-60 - \$90. Hank Mauer, 5745 Willow Springs Way, Ferndale, WA 98248. (360) 380-0567, after 6 PST. E-mail: [hankradioland@comcast.net](mailto:hankradioland@comcast.net). Web: <http://home.comcast.net/~hankradioland>

**FOR SALE:** Heathkit electronic workshop 19 Model JK-27, from 1967 - \$40 offer. Bruce Mueller, 730 E. Harmony Ln., Fullerton, CA 92831. (714) 992-2086

## ELECTRIC RADIO



Are you tired of plastic modern radios that you can't work on and are hard to understand? Are you looking for information on restoration of quality vintage receivers and transmitters? Electric Radio is the magazine for you! In print since May, 1989, we also have the largest vintage-only Ham classified section available. Please send \$1 for a sample copy to:  
ER, PO Box 242, Bailey CO, 80421  
720-924-0171 email: [1editor2@indra.com](mailto:1editor2@indra.com)  
[WWW.ERMAG.COM](http://WWW.ERMAG.COM)



**WANTED:** German radios: Schaub 229, Loewe-opta 537, Telefunken OPUS & Grundig 5000 series. Also German tubes. Frank Karner, 12432 Elizabeth Cv, Midwest City, OK 73130. (405) 769-4656. E-mail: fkarner@cox.net

**WANTED:** Emerson transistor radios Mocels 847 and 869, are large radios with tee handles. John Hoffnagle, 10 Sunset Ave., New Oxford, PA 17350 (717) 624-8894



**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:** Cabinet for Truetime stratoscope, Model D1015, will buy junker for cabinet. Bob Barr, 9660 S.E. Little Club Way, N. Tequesta, FL 33469. (561) 741-1907

**WANTED:** Front panel, knobs, cabinet, and operating instructions for Scott Model LT-111 FM tuner. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

**WANTED:** Harman Kardon A-500 manual. Tektronix 465 scope manual. Waveforms 403-Boscillator manual. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

**WANTED:** Clegg FM-DX and PS031A and any parts for Clegg FM-DX PS. High dollar paid for both working and non-working. Robert Milligan, 6608 N. 18th St., Arlington, VA 22205-1802. (703) 533-0650

**WANTED:** Western Electric sound equipment: speaker, loudspeaking telephone, receiver, horn, amplifier, tube. Acrosound transformer. Westinghouse WL787 tube. Ming Yang, 1995 University Ave., #119, Berkeley, CA 94704. (925) 376-4220. E-mail: wesystem@gmail.com

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Perryville, MO 63775

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

**WANTED:** Power transformer for Realistic Partolman 6 receiver, Cat. No. 12-750. Bill Duggan, 229 North Church St., Goshen, NY 10924. (845) 294-7392. E-mail: w2wzf@frontiernet.net

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**WANTED:** Original radio for 1939 Ford, must be restorable. William Van Lennep, PO Box 211, Pepperell, MA 01463. (978) 433-6031. E-mail: araps4@verizon.net

**WANTED:** Future antique radio, GE Superadio Model 7-2880, 7-2882, 7-2885. Mark Hewitt, 6659 Tipperary Tr., Roscoe, IL 61073. (815) 623-8729. E-mail: mhewitt@inwave1.com

**WANTED:** 5-6 tube Airline 62-315 62-415, 62-316, 62-416, 62-425. James Stueber, 8920 Lexington Ave. NE, Albuquerque, NM 87112. (505) 299-2414

**WANTED:** Toy, miniature and doll house radios, microphones, record players, tape recorders. Jon Golden, PO Box 715, Carlisle, MA 01741. (978) 371-5557. E-mail: jon@make3dimages.com

**WANTED:** Original 8-inch electro-dynamic speaker for a GE Model A-70 tombstone radio. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

**WANTED:** 1920s battery radios, horn and cone speakers, loop antennas, RC coupled amplifiers as the Allen-Bradley and Muter. Radios to include: Stromberg-Carlson 601, Thorola 50 or 57, Sleeper Monotrol 52, any model Wurlitzer, Fada 480B, radios with voltmeters in panel. Joseph L. Chambers, 6967 Kimberly Ln., Lithia Springs, GA 30122. (770) 819-0822

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**FOR SALE:** Acme cone speaker, actually a double-cone speaker, has speaker cones on both sides! Has nice subtle design on paper, checks out fine – \$55. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, MA 02649. (508) 477-1578, before 9 pm EST, please. E-mail: radio-1@comcast.net

**FOR SALE:** AK Kiel table + (2) extra chassis, no speaker – \$200 pick up only. Claude Chafin, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-3391

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**FOR SALE:** GE Model 210, AM/FM, plays, brn, Bake @9 – \$65. Silverstone wood, no #4 knobs, w-eye @9 – \$55. Zenith A600, w/charts, plays @9 – \$100. Realistic stereo amp M SA10, w/stereo preamp – \$15. Frost radio, small box, has 4 jack outlets for head sets – \$40. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: 0441. E-mail: bernies@samnet.net

**FOR SALE:** Knight radio tube tester, Allied Radio Co., works, good condition – \$75 plus S&H. Leroy Neal, 603 Butterworth Ave., Dyersburg, TN 38024. (731) 285-5120 after 8 pm CDT

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(#20-May05)

**WANTED:** Would anyone have anything on a Webcor Model 2010-1? Florian Rogowski, 40135 Streamwood Ct., Sterling Heights, MI 48310

**WANTED:** Back cover for Truetone table radio Model 2211, wooden version. Will consider whole radio. Contact Charlie Poplin, 3518 Courtland Dr., Durham, NC 27707. E-mail: Popawapado@wmconnect.com

**WANTED: Your N.O.S. vacuum tubes. We are always buying tubes in quantity. Send us your list, we will promptly quote. Radio Daze, LLC, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com**

**WANTED:** RCA Victor Service Bulletins, 1946-1963, have most, trade photocopies to complete collection. Gary A. Micanek, 226 Henry Ave., Manchester, MO 63011. (636) 227-7046. E-mail: micanek@aol.com

— WANTED —

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**WANTED:** Detrola T-2/T-3 remote control unit, any condition. David D. Kaiser, 375 Yarmouth Rd., Rochester, NY 14610. (585) 654-6604. E-mail: ddk375@frontiernet.net

**WANTED:** Information about the Voco Radio Mfg. Co. of Pittsburgh, PA. Articles, ads, pictures, etc. (not schematics) Jim Worden, 21390 Via Parque, Yorba Linda, CA 92887. (714) 313-9419. E-mail: jimsradios

**WANTED:** Tubes, tube testers, and Western Electric tubes from estates, shops, or collectors. Jeff Arndt, 908 6th St., Kewaunee, WI 54216-1718. (920) 323-6789

**WANTED:** Garrard 301 turntables for parts, anything McIntosh, Marantz, Western Electric, Langevin, Tannoy, Jensen. V. Vogt, 2311 Pimmit Dr. #114, Falls Church, VA 22043. (206) 898-0880. E-mail: archaicaudio@webtv.net

**WANTED:** AK 20 and 35 parts set. Gil Warrenton, PO Box 5348, Bisbee, AZ 85603. (520) 432-9115



**WANTED:** Air King Skyscraper radios, except for that unbearably ugly model with the thirc (tuning) eye at the top that bears better resemblance to a flounder than to the face of a building. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** AK 2 stage AF amplifier type 2A. Gil Warrenton, PO Box 5348, Bisbee, AZ 85603. (520) 432-9115

**WANTED:** Zenith Stratosphere or cabinet, any condition. Will trade from vast supply of fine radios or buy. Will pick up. Alan Jespersen, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 11am-4:30pm Tues-Fri, Sat 10-3. Fax: (612) 821-4820 during business hours. E-mail: mte612@aol.com. Go to our website at [www.gn4radios.com](http://www.gn4radios.com)

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**FOR SALE:** Admiral television, Oct. 1955?, 18Y4EF chassis, no video, good shape. John B. Makohus, 20656 Little Cooley Rd., Centerville, PA 16404. (814) 694-3194



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**FOR SALE:** Reproduction radio dial belts for pre-war radios. Made from durable non-slip 1/8" round polyurethane, ready for installation. No cutting/gluing. Available for all makes and models. Complete details at [www.Adamsradio.com](http://www.Adamsradio.com). Adams Manufacturing Company, PO Box 1005, Lincoln Park, MI 48146

**FOR SALE:** Showcase, Model 2000D technicolor super 8mm optical sound projector, complete - \$75. Albert B. Casolari, Jr., 1812 Albany, Springfield, IL 62702. (217) 544-2187

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**FOR SALE:** Many vintage electronics items. See my lists on the web. (1) Radios, test equipment and other stuff. (2) Tubes, ballast, specialty and projector bulbs, etc. (3) Electronics books, manuals and magazines. (4) Copy service on vintage manuals and schematics. Go to: <http://www.geocities.com/raynow@sbcglobal.net>. Ray Nowak, 30513 Ednil Dr., Bay Village, OH 44140. (440) 871-8303. E-mail: raynow@sbcglobal.net

**FOR SALE:** Car radios Willis Philco Model 1419, 1966, Rambler and (1) tube RCA VX 171A. Gordon Shimmel, Box 101, Hahhawa Falls, NY 13647. (315) 265-4638

**FOR SALE:** Three (3) tubes, type 1L6, N.O.S. - best offer. Andy Fircak, 385 Olympic Ave., Buffalo, NY 14215. (716) 833-6690

**FOR SALE:** Antique radio schematics, still only - \$3 ppd. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003. (304) 277-3154. E-mail: wa2trt@1st.net

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.0068-630	682K	6.35
.01-630	103K	6.50
022-630	223K	7.00
.033-630	333K	7.25
047-630	473K	7.50
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22-630	224K	15.00
47-630	474K	20.00
1.0-630	105K	26.00

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PART	VALUE	PRICE/25
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22-160	22	16.00
33-160	33	21.00
47-160	47	24.00

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PART	VALUE	PRICE/25
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22-450	22	28.00
47-450	47	45.00
PART	VALUE	PRICE/10
47-450-10	47	\$20.00
100-450-10	100	28.00

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NUMBER	PACK	PRICE
41	(10 PK)	\$2.75
44	(10 PK)	2.75
46	(10 PK)	2.75
47	(10 PK)	2.75
57	(10 PK)	4.50
81	(10 PK)	8.00

Phone: 1-708-352-0648

Fax: 1-708-352-0647

Email: [radiobob1@sbcglobal.net](mailto:radiobob1@sbcglobal.net)

Visit: [RADIOANTIQUES.COM](http://RADIOANTIQUES.COM)

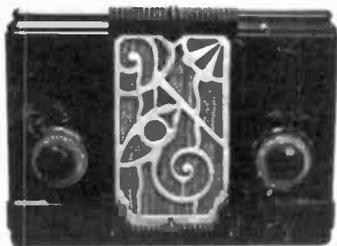
## BOB'S ANTIQUE RADIOS & ELECTRONICS

111 East 29th St., LaGrange Park, IL 60526

TO ORDER PLEASE SEND CHECK, MONEY ORDER OR PAYPAL.  
 THE PRICE INCLUDES SHIPPING COST WITHIN THE USA.

**WANTED:** JRC NRD-535D or Drake R-7 A or B. Dick Friedman, 1502 Elmwood Ave., Wilmette, IL 60091. (847) 256-1432

**WANTED:** Manual, schematic and meter for Sencore CR-31A CRT tester. George Cortelyou, 1409 Madison St., NE, Albuquerque, NM 87110. (505) 255-3347. E-mail: georgebc3@webtv.net

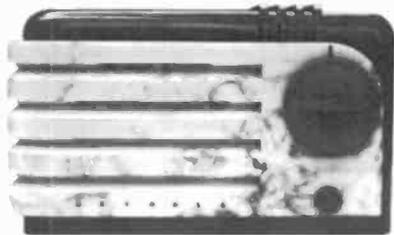


**WANTED:** Early (prewar II) plastic radios. I collect these objects of beauty to enhance my otherwise dull and uneventful life to which I am forever bound by my sad-but-true unworthiness and shortcomings: physical, emotional, and intellectual. Please write or call collect: Rain Buttignol, 214 State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

**WANTED:** Western Electric radio and radio related items. Igor Golio, 17 Addison Dr., Fairfield, NJ 07004. (973) 884-6468. E-mail: golio@lucent.com

**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, 7620 Omnitech Pl., Victor, NY 14564. (585) 742-2020. Fax: (800) 456-6494. E-mail: info@radiodaze.com Web: www.ehscott.com

**WANTED:** Back panel for Zenith Royal 7000. Patrick Colombo, 10091 S.W. 17th Ct., Davie, FL 33324. (954) 452-8944



**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:** Chrome-front Mid-West Royale consoles and/or cabinets for Mid-West consoles. Robert Lutz, 9100 Noland Rd., Lenexa, KS 66215. (913) 894-1327

**WANTED:** Cabinets for RCA 9TX1 & RCA 45X1, Bakelite or wood. Jim Ligouri, 7 Sycamore Ct., Atkinson, NH 03811. E-mail: jligouri@aol.com

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VISIT OUR WEBSITE AT

[www.audioXpress.com](http://www.audioXpress.com)

**FOR SALE:** Scott 800B Moderne, 16A, Philharmonic Warrington, Capehart 412D, Sparton 301 cabinet, Transvision A, Norman S. Braithwaite, PO Box 992443, Redding, CA 96099-2443. (530) 246-4209

**FOR SALE:** Air King Catalin, Model 600, ca. 1946, works good, one knob missing, case is cracked and glued, yellow w/good trim - \$450 shipped. Fielding Grigsby, 1523 Towson Ave., Fort Smith, AR 72901. (479) 782-0111

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If you renew **before** the month shown on your mailing label (your expiration month), you will receive an extra month on your subscription: 13 months instead of 12! 26 months for an early 2-year renewal!

**FOR SALE:** Scott Model 384 AM/FM stereo receiver, Stereomaster - \$60. Dale Clements, 11013 N. Pusch Ridge Vistas Dr., Tucson, AZ 85737. (520) 229-2151. E-mail: dcllements @gainusa.com

**FOR SALE:** Go to our website at [gn4radios.com](http://gn4radios.com) for an extensive new listing of items for sale. We now offer capacitors at a very competitive rate and we offer the highest quality electrical restoration for Zenith Trans-Oceanics and all other tube radios! Zenith Trans-Oceanics: R7000, 7G605; 8G005; Military R520; Zeniths: 7S261 bookcase; 12U159; 10S130; 10H571 Spinnet; Gorgeous 12A58; 12S371; E.H. Scotts: Allwave 12 Lido; allwave 23/Warrington, Imperial Grande Allwave 15; Imperial in Tasman cabinet, great chrome. We have all of your reproduction Zenith restoration parts - call for info. Dial glass for 1937, 1938 and 1939 Zeniths. Revised edition of our own Zenith Brochure Book - \$28.95 plus \$5.95 shipping. Updated parts and supplies catalog, request free copy. We have many Zeniths and other radios for sale. Most Trans-Oceanics available, call. Hard-to-find Rider's manual numbers in stock, call. We can and do ship consoles and we do it right. Satisfaction guaranteed, highest quality assured. Visiting Minneapolis? Visit our store Great Northern Antiques at 5200 Bloomington Ave. just 3 miles from the airport. Owner's and service manuals for most Scott radios. We have over 100 different highest quality repro knobs. We stock a large selection of quality repro grille cloth. We accept Visa, Discover, Mastercard, American Express and Paypal. Alan Jespersion, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489. 11am-4:30pm. Fax: (612) 821-4820, during business hours. 11-4:30 Tues-Fri, Sat 10-3. E-mail: mte612@aol.com

**FOR SALE:** Kodak Pagent #2505 16mm sound projector - \$75. Fluke multimeter 8120A - \$35. 10M SSB mobile transceiver, new - \$125. Knight hi-fi audio amp, 20 watts - \$50. Ernest Odeneal, K5QJF. 2710 Lee, Greenville, TX 75401. (903) 455-2113/455-5788. E-mail: odeneal@geusnet.com

**FOR SALE:** Radios, The Golden Age, by Collins, book good but covers loose - \$15 ppd. Pair good 42 tubes - \$12 ppd. Radiosale - <http://members.aol.com.dmradios/tube.html>. Donald Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: dmradios@aol.com

**FOR SALE:** National NCX-5 transceiver with power supply - \$85. NCX-3 - \$45. Both work. Rod Galloway, 2961 S.E. 152nd Ave., Morriston, FL 32668. (352) 528-9499. E-mail: rodg3@webkraft.net

**FOR SALE:** Crosley CR-1 Limited Edition, similar to Zenith 5R-312 - \$10. Zenith R615, back repaired - \$10. James S. Looney, Rt. 1, Box 54, Grundy, VA 24614. (276) 531-8677

**FOR SALE:** Zenith 7D168, + 16 pp. LSASE. WANTED: AK panel #4059 for Type 2 tuner, panel #3822 for variometer, #3925 breadboard, schematic. Bill Horn, 13110 Marsh Rd., Bealeton, VA 22712. E-mail: wehcoll@earthlink.net

**FOR SALE:** Zenith #705, mint - \$335. Garod Catalin, maroon/yellow 6AU1, nice - \$995. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (973) 694-6374

**FOR SALE:** Located in Seattle. Huge Beveridge electrostatic cylinder speakers z- \$1,500 for pair. Jensen G-610 triaxial - \$3,000. Jensen G-600 pair - \$3,000. Electro-voice Georgian - \$1,000. JBL L65 - \$1,200. Zappa Mothers 1967 poster - \$300. Beautiful E.H. Scott 23-tube Philharmonic in cabinet - \$3,000. Weco 618A - \$1,200, 618B - \$1,000, 618C - \$600, tons more. V. Vogt, 2311 Pimmit Dr. #114, Falls Church, VA 22043. (206) 898-0880. E-mail: archaicaudio@webtv.net

**FOR SALE:** Catalogs: (14) Radio Shack 1981-1997, (22) Heathkit 1982-1990, QST and CQ 1930s up. Angelo Pallotta, W2TPW, 1367 D'Angelo Dr., N. Tonawanda, NY 14120. (716) 695-0329. E-mail: nthurbsy@wzrd.com

**FOR SALE:** (6) blank 10" Audiodisks in original wood box - \$50 plus shipping. Earl Friedman, 11830 S.W. 272nd Terrace, Homestead, FL 33032-3388. (305) 258-3258

## Visit the A.R.C. Web Site!

The URL to access the A.R.C. Web site is:  
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  - Coming Radio Events
  - Radio Club Listing
  - List of Books For Sale
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## Vintage Radio Auction

### “The Floyd Stahl Collection”

**Saturday, December 17, 2005 at 10 AM EST**

**(\*Note: new date and location)**

at the Expo Auction Center

8157 Garman Rd., Burbank Ohio (Exit 204 off I-71)  
then south to the Duke & Duchess Gas Station, turn left  
onto Garman Rd. and follow to the auction site.

Floyd has collected and worked on radios many years at his New Carlisle, Ohio home and has now decided the time has come to share it with other collectors. He will offer a beautiful Model 9 Atwater Kent breadboard, Model 10 Atwater Kent breadboard, a Kennedy Type 281, Kennedy Type 525, a Grebe Type CR-5, Grebe Type CR-9, Aeriola Jr., Aeriola Senior, many other battery sets, Westinghouse RA-DA set, horn speakers by Atwater Kent, Thorola, Magnavox, Music Master, and others. A very nice large selection of radio tubes to include many early type, lots of test equipment including tube testers. This sale has many cathedral and tombstone style radios. Many wood and Bakelite type also. A great selection of radio books, magazines and radio-related literature, a selection of crystal sets & headphones, lots of console radios, several console phonographs, military radio pieces, amateur radio receivers also. This will be another good sale. Hope to see you at the auction. And we will sell outside at 8:30 then the main sale at 10 am. Terms: Cash, check, Visa, M/C. 5% gallery fee.

**Richard Estes, K8LRY - Auctioneer**

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**Medina, Ohio 44256**

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**E-mail: [estesauctions@aol.com](mailto:estesauctions@aol.com)**

**Mark Delauter – Set Up**

**Web: [www.estesauctions.com](http://www.estesauctions.com)**

Call us to sell one radio or an entire collection.

**FOR SALE:** Hallicrafters SX-115 receiver, very nice – \$1,650. McElroy S-600 chrome, tear-drop shaped bug – \$575. Richard Prester, 131 Ridge Rd., West Milford, NJ 07480. (973) 728-2454. E-mail: rprester@warwick.net

**FOR SALE:** Zenith Trans-Oceanic Model G-500, working – \$100. Kloss Novabeam projection TV, Model 1-A, (with A-V jacks) – \$100. Kloss large curved screen for Novabeam TV above – \$50. Mystery grab bag special: hundreds of pounds of parts, mostly new, some in original packaging: plugs, jacks, resistors, switches, relays, pots, controls, misc. hardware, cables, needles, neat goodies & more. A generous (5) pound box (no two alike) for – \$10. Sony B&W TV Model TV-920U, 1970, works good – \$55. 5FP7 radar CRT – \$10. 8YP4 TV CRT – \$10. Bogen Model CSM 4 channel preamp/mixer – \$50. E. H. Scott, beautiful Georgian console, 28 tube FM Phantom Deluxe w/Garrard turntable – Ask. KLH Model #21 FM radio, working excellent condition – \$175. RCA broadcast studio TV waveform monitor, N.O.S., 5" oscilloscope type, Model TO-2, ca. about 1965 – \$75. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

**FOR SALE:** Still selling out balance of collection. Radios from the 20s through 60s: cathedrals, tombstones, some work, some don't, chairsides (pick up only), Trans-Oceanics, horns, speakers, transistors, novelties, military equipment, instruments, test equipment, books, magazines and catalogs, phonos, etc. Send 2-stamp SASE with your interests. Accepting reasonable BO to move items. Call ahead for appointments. Irene & Robert Stone, 721 Fisk St., Piqua, OH 45356-3729. (937) 773-2217

**FOR SALE:** GE A54, good – \$45. Fada 158, good – \$95. Philco 40-95, as-is – \$25. Bob Fuerderer, Holly Farm, 813 Rte 12A, Surry, NH 03431. (603) 352-3005

**FOR SALE:** AK-30 – \$60. Zenith 712 – \$150. Philco 37-89 – \$100. GET-12 – \$100. Plus shipping. Randy Seifert, PO Box 147, Homestead, IA 52236. (319) 622-3657

**FOR SALE:** Tube tester as found in drug stores in the 50s & 60s. More information and JPEG photo. Irv Sanders, 242 Hunter Ln., Harrisburg, PA 17117. (717) 469-2185. E-mail: z0000001@juno.com

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**SUB #**

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**SERVICES:** Expert Radiola III/IIIA tubular capacitor restoration – \$30/set. J. Mente, 20880 Thornwood Cir., Olympia Fields, IL 60461. (708) 747-8070. Note new E-mail: kf9ry@sbcglobal.net

**SERVICES:** Repairs to vintage tube equipment including: home receivers, phonographs and auto radios. South Bay Radio, KC2IXV, 7187 Lakeshore Rd., Cicero, NY 13039. (315) 699-7341

**SERVICES:** Tubes, parts, supplies and literature. Your source for all your radio needs! Antique Electronic Supply, 6221 S. Maple Ave., Tempe, AZ 85283. (480) 820-5411. Web: www.tubesandmore.com

**SERVICES:** Antique Radio of Iowa, longtime experienced collector, will repair your tube radios, 30s thru 50s (sorry no foreign) speaker service, cabinet restorations and more! PayPal welcome. Communicate first. Don Nordboe, 3131 Avenue A, Council Bluffs, IA 51501-1948. (712) 322-2255. CST. E-mail: dnordboe@aol.com. Web: www.antiqueradioofiowa.com

**SERVICES:** Send me your wretched radios yearning to be fixed! Home radios, car radios, even amplifiers! In the past 17 years, I've performed hundreds of successful restorations on most types of tube equipment from the 30s, 40s, 50s and 60s. I'm not the cheapest restorer nor am I the most expensive. I am, however, one of the best. Why even consider trusting your baby to a beginner? Mike Simos, 100 Commonwealth Ave., Merrick, NY 11566. (516) 223-1470. E-mail: mike\_simos@yahoo.com

**SERVICES:** Professional restoration of antique radios and vintage hi-fi. Repairs, upgrades & detailing. Mike Urban, 58 Naugatuck Ave., Milford, CT 06460. (800) 594-4359. Web: www.urban-antiqueradio.com

**SERVICES:** Repair & restoration of pre-1960 televisions, Predictas, auto radios, jukebox amps, vintage AM/FM tuners. 40 years experience. Tom's Antique Radio, 8 Howe Ln., Millbury, MA 01527. (508) 865-6293

**FOR TRADE:** My TR4CW/MS4 for your TS8305 or Philco 90 cathedral. A. Bruno, 24 Butternut Dr., New City, NY 10956. (845) 354-8899

**FOR TRADE:** Heathkit catalogs 1973-1989, will trade for Heathkit manuals or other manuals. A.J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536. E-mail: ni4q@juno.com

**HELP:** Need someone to service my Standard Micronic Ruby SR-H437. I have schematic. Herb Parsons, 5 Surrey Ln., Peabody, MA 01960. (978) 535-1009. E-mail: dataproces@aol.com

**HELP:** Need info on Canadian Mercury Super-Ten superhet receiver, Type SU-10. This is an apparent later version with fixed RF and Osc. coils, a front panel voltmeter and two filament rheostats, etc. Tod Prowell, 413 North York Rd., Mechanicsburg, PA 17055-6016. (717) 697-5227. E-mail: aeriola@adelphia.net

**HELP:** Copy of Webster Chicago wire recorder Model 180-1 operating instructions. Alexander Kruedener, 161 East 89 St., Apt. 4E, New York, NY 10128. (212) 831-0662. E-mail: kruedener@juno.com

**HELP:** Climax & Trav-Ler logo decals or good photo & photo of Belmont 550 knobs. Danny Schafer, 3446 West 100th St., Cleveland, OH 44111. (216) 631-7588. E-mail: howdan1@core.com



### **CALIFORNIA – Oct. 1**

**CALIFORNIA HISTORICAL RADIO SOC.  
SWAP MEET**

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

Info: CHRS Hotline - (415) 821-9800  
[www.californiahistoricalradio.com](http://www.californiahistoricalradio.com)

### **NEW YORK – Oct. 2**

**GREATER NEW YORK VINTAGE WIRELESS  
ASSN. - SWAP MEET - MEETING**

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

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

### **WASHINGTON – Oct. 1**

**RADIO ENTHUSIASTS OF PUGET SOUND  
MEETING**

Seattle, WA - Queen Anne Library  
400 W. Garfield

2 pm

Info: REPS - (206) 488-9518  
[www.repsonline.org](http://www.repsonline.org)

### **UNITED KINGDOM – Oct. 2**

**NATIONAL VINTAGE COMM. FAIR**  
Birmingham, UK - National Motorcycle Mus.

10:30 am - 4 pm

Early Entry: 8:30 am

Radios, TV, Phonograph, etc.

Info: NVCF, PO Box 15,  
Hereford HR4 9Wx  
[www.nvcf.org.uk](http://www.nvcf.org.uk) - [info@nvcf.org.uk](mailto:info@nvcf.org.uk)

### **COLORADO – Oct. 2**

**COLORADO RADIO COLLECTORS  
ANNUAL AUCTION**

In Denver Area

Call David Boyle for details

1 pm

Info: David Boyle - (303) 681-3258

### **WISCONSIN – Oct. 2**

**WISCONSIN ANTIQUE RADIO CLUB  
SWAP MEET**

Milwaukee, WI - 5917 S. Howell  
Near Airport

8 am - 12 Noon

Info: Bill Engaas - (262) 786-8183  
[engaas@milwpc.com](mailto:engaas@milwpc.com)

### **ILLINOIS – Oct. 2**

**ANTIQUE RADIO CLUB OF ILLINOIS  
SWAP MEET**

Carol Stream, IL - American Legion Hall  
Parking Lot

7 am - 11 am

Info: [www.antique-radios.org](http://www.antique-radios.org)  
[clubinfo@vintage-radios.org](mailto:clubinfo@vintage-radios.org)

### **OHIO – Oct. 4**

**ANTIQUE RADIO COLLECTORS OF OHIO  
MEETING**

Dayton, OH - 2929 Hazelwood Ave.  
7 pm

Info: Karl Koogler - (937) 294-8960  
[karlkrad@genmair.com](mailto:karlkrad@genmair.com)

### **MISSOURI – Oct. 2**

**ANTIQUE RADIO COLL. & HIST. OF  
GREATER ST. LOUIS - SWAP MEET**  
St. Louis, MO - American Legion Post 111  
7300 Lansdowne Ave.

9 am

Info: Noel Barlows - (314) 352-6916

*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.*

## **ONTARIO - Oct. 5**

### **OTTAWA VINTAGE RADIO CLUB MEETING**

Ottawa, Ont. - The Ottawa Citizen  
Conference Room, 1101 Baxter Rd.

7 pm

Info: OVRC - (613) 832-3097  
[www.ovrc.org](http://www.ovrc.org)

## **OREGON - Oct. 8**

### **NORTHWEST VINTAGE RADIO SOCIETY FALL SWAP MEET**

Portland, OR - Salvation Army Rose Center  
1785 N.E. Sandy Blvd.

9 am

Info: Ed Charman - (503) 654-7387  
[www.nwvrs.org](http://www.nwvrs.org)

## **ARKANSAS - Oct. 6**

### **ANTIQUA RADIO COLLECTORS CLUB OF FORT SMITH - MEETING**

Fort Smith, AR - First Baptist Church  
1400 Grand Ave.

7:30 pm

Info: Paul Tucker - (479) 782-8178

## **TEXAS - Oct. 8**

### **HOUSTON VINTAGE RADIO ASSOC. MEETING & AUCTION**

Houston, TX - American Legion Post 560  
3720 Alba Rd.

10:30 am

Info: Bill Werzner - (713) 721-2242  
[www.hvra.org](http://www.hvra.org)

## **INDIANA - Oct. 8**

### **INDIANA HISTORICAL RADIO SOCIETY FALL FOLIAGE MEET**

Greenfield, IN. - Riley Park Shelter  
1 block N. of US40 on Apple St

7 am

Info: Glenn Fitch - (765) 565-6911  
Fred Prohl - (812) 988-1761  
[www.indianahistoricalradio.org](http://www.indianahistoricalradio.org)

## **NEW MEXICO - Oct. 9**

### **NEW MEXICO RADIO COLLECTORS CLUB MEET**

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

1:30 pm: Tallgate Swap Meet

2 pm: Program, Show & Tell and Auction  
Info: Chuck Burch - (505) 286-9674  
<http://members.aol.com/NMRCC>

## **NEW HAMPSHIRE - Oct. 8**

### **NEW ENGLAND ANTIQUA RADIO CLUB VINTAGE RADIO SHOW & SALE**

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

7 am - 12 Noon

Info: Marty Bunis - (603) 938-5051  
[m\\_bunis@conknet.com](mailto:m_bunis@conknet.com) - [www.nearc.net](http://www.nearc.net)

## **GEORGIA - Oct. 10**

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

Norcross, GA - Fire Mountain Rest.  
Jimmy Carter Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619  
[www.sarsradio.com](http://www.sarsradio.com)

## **OKLAHOMA - Oct. 8**

### **OKLA. VINTAGE RADIO COLLECTORS CLUB - SWAP MEET**

Midwest City, OK - Midwest City Convention  
Center - 200 N. Midwest Blvd.

8 am - 1 pm

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

## **OHIO - Oct. 11**

### **SOCIETY FOR THE PRESERVATION OF ANTIQUA RADIO KNOWLEDGE - MEETING**

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

7:30 pm

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

## **SUBMISSION DEADLINE**

5th OF MONTH FOR FOLLOWING MONTH'S ISSUE  
Please include date, time, place, directions,  
event details & information/contact person.

**Mention A.R.C.  
when contacting clubs!**

## MARK YOUR CALENDAR

- Oct. 1 - CA, Pismo Beach - CHRS Swap Meet
- Oct. 1 - WA, Seattle - REPS Meeting
- Oct. 2 - CO, "Call" - CRC Auction
- Oct. 2 - IL, Carol Stream - ARCI Swap Meet
- Oct. 2 - MO, St. Louis - ARCH Swap Meet
- Oct. 2 - NY, Lake Ronkonkoma - GNYVWA Swap
- Oct. 2 - UK, Birmingham - NVCF Comm. Fair
- Oct. 2 - WI, Milwaukee - WARC Swap Meet
- Oct. 4 - OH, Dayton - ARCO Meeting
- Oct. 5 - Ont., Ottawa - OVRC Meeting
- Oct. 6 - AR, Fort Smith - ARCC Meeting
- Oct. 8 - IN, Greenfield - IHRS Fall Meet
- Oct. 8 - NH, Nashua - NEARC Swapmeet & Show
- Oct. 8 - OK, Midwest City - OKVRC Swap Meet
- Oct. 8 - OR, Portland - NWVRS Swap Meet
- Oct. 8 - TX, Houston - HVRA Meeting
- Oct. 9 - NM, Albuquerque - NMRCC Meet
- Oct. 10 - GA, Norcross - SARS Meeting
- Oct. 11 - MO, Kirkwood - ARCH Meeting
- Oct. 11 - NC, Greenville - ECARC Meeting
- Oct. 11 - OH, Kettering - SPARK Meeting
- Oct. 11 - PA, Telford - DVHRC Meeting
- Oct. 13 - AR, "Call" - AARC Meeting
- Oct. 14 - NJ, "Call" - NJARC Meeting
- Oct. 15 - FL, Jacksonville - JARS Swap Meet
- Oct. 15 - MO, Grandview - MAARC Auction
- Oct. 15 - TN, Nashville - NVRC Swap Meet
- Oct. 15 - WV, Huntington - MRAT Fall Show
- Oct. 16 - MD, Burtonsville - MAARC Swap & Auct
- Oct. 16 - TN, Memphis - MARC Meeting
- Oct. 16 - TX, Schertz - TARC Meeting
- Oct. 16 - WA, Seattle - PSARA Meeting
- Oct. 17 - FL, Jacksonville - JARS Meeting
- Oct. 18 - CA, Roseville - CHRS-Sac Meeting
- Oct. 19 - OH, Cincinnati - CARC Meeting
- Oct. 19 - OH, Columbus - COARA Meeting
- Oct. 20 - OK, Tulsa - HLARA Meeting
- Oct. 21 - NY, Highland Falls - HARPS Meeting
- Oct. 22 - OH, Burbank - Estes Auction
- Oct. 23 - NJ, Hazlet - NJARC Fall Swap Meet
- Oct. 23 - NJ, Wayne - WPAL Music Extravaganza
- Oct. 23 - NY, Schenectady - SARC Meeting
- Oct. 24 - AL, Birmingham - AHRS Meeting
- Oct. 25 - OH, Kettering - SPARK Meeting
- Oct. 29 - NC, Jamestown - CC-AWA Fall Meet
- Oct. 30 - IL, Olney - Eric's Auction
- Nov. 1 - OH, Dayton - ARCO Meeting
- Nov. 2 - Ont., Ottawa - OVRC Auction
- Nov. 3 - AR, Fort Smith - ARCC Meeting
- Nov. 5 - CA, Berkley - CHRS Swap & Auction
- Nov. 5 - MO, Grandview - MAARC Auction
- Nov. 5 - WA, Seattle - REPS Meeting
- Nov. 6 - NY, Lake Ronkonkoma - GNYVWA Swap
- Nov. 8 - MO, Kirkwood - ARCH Meeting
- Nov. 8 - NC, Greenville - ECARC Meeting
- Nov. 8 - PA, Telford - DVHRC Meeting
- Nov. 10 - AR, "Call" - AARC Meeting
- Nov. 11 - NJ, "Call" - NJARC Meeting
- Nov. 12 - MI, Kalamazoo - MARC Meet
- Nov. 12 - OK, Oklahoma City - OKVRC Meeting
- Nov. 12 - OR, Oregon City - NWVRS Meet.ng
- Nov. 13 - CO, "Call" - CRC Meeting

## MARK YOUR CALENDAR

*(Continued from bottom left column)*

- Nov. 13 - NM, Albuquerque - NMRCC Meet
- Nov. 14 - GA, Norcross - SARS Meeting
- Nov. 17 - OK, Tulsa - HLARA Meeting
- Nov. 18-19 - CA, Carlsbad - SCARS Annual Meet
- Nov. 18-20 - TX, Mesquite - VRPS Convention
- Nov. 19 - OH, Burbank - Estes Auctions
- Nov. 19 - TX, Kyle - TARC Meeting
- Nov. 19-20 - CA, Pasadena - Vintage Swap Meet
- Nov. 20 - TN, Memphis - MARC Meeting
- Nov. 21 - FL, Jacksonville - JARS Meeting

*See expanded listing for many of these events*

## MISSOURI - Oct. 11

### 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: Derek Cohn - (314) 725-2333  
vibroplex@mindspring.com

## N. CAROLINA - Oct. 11

### 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 - Oct. 11

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

Telford, PA - Telford Community Building  
Hamilton & Hamlin  
7:30 pm  
Info: Delaware Valley Historical Radio Club  
PO Box 5053, New Britain, PA 18901  
www.dvhrcc.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

### **ARKANSAS - Oct. 13**

#### **ARKANSAS ANTIQUE RADIO CLUB MEETING**

Call for location and directions

7 pm

Info: Tom Burges - (501) 455-0773

### **NEW JERSEY - Oct. 14**

#### **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](http://www.njarc.org)

### **FLORIDA - Oct. 15**

#### **JACKSONVILLE ANTIQUE RADIO SOCIETY 8TH RADIO SALE & SWAP MEET**

Jacksonville, FL - Ramona Flea Market, Row E, 7059 Ramona Blvd.

8 am - 1 pm

Info: Sean Olin - (904) 386-8332

[oldradios@bellsouth.net](mailto:oldradios@bellsouth.net)

### **KANSAS - Oct. 15**

#### **MID-AMERICA ANTIQUE RADIO CLUB VINTAGE HAM RADIO EQUIP. AUCTION**

Grandview, MO - Hickman Mills Community Christian Church, 5809 E Red Bridge

12 Noon

Info: Claude Chafin - (816) 478-3391

<http://www.geocities.com/maarc1974/>

### **TENNESSEE - Oct. 15**

#### **NASHVILLE VINTAGE RADIO CLUB FALL SWAP MEET**

Nashville, TN - Associated Builders & Contractors Building (Inside)

1604 Elm Hill Pike

7 am - 1 pm

Walking Auction: 10:30 am

Info: Larry Chambers - (615) 355-2005

### **W. VIRGINIA - Oct. 15**

#### **MUSEUM OF RADIO & TECHNOLOGY FALL TRADERS SHOW**

Huntington, WV - 1640 Florence Ave.

Contact for time

Info: [www.mrtwv.org](http://www.mrtwv.org)

### **MARYLAND - Oct. 16**

#### **MID ATLANTIC ANTIQUE RADIO CLUB MEETING - SWAP - AUCTION**

Burtonsville, MD - New Hope Seventh Day Adventist Church, 15121 McKnew Rd.

Tailgate: Noon - Meeting: 2 pm

Info: Geoff Shearer - (703) 818-2686

[www.maarc.org](http://www.maarc.org)

### **TENNESSEE - Oct. 16**

#### **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](mailto:reaton@fhu.edu)

[marc\\_memphisantiqueradioclub@hotmail.com](mailto:marc_memphisantiqueradioclub@hotmail.com)

### **TEXAS - Oct. 16**

#### **TEXAS ANTIQUE RADIO CLUB MEETING**

Schertz, TX - VFW Hall

2:30 pm

Info: Ed Engelken - [EdEngel@gvtc.com](mailto:EdEngel@gvtc.com)

(830) 899-3864

[www.gvtc.com/~edengel/TARC.htm](http://www.gvtc.com/~edengel/TARC.htm)

### **WASHINGTON - Oct. 16**

#### **PUGET SOUND ANTIQUE RADIO ASSN. MEETING**

Seattle, WA - Shoreline Museum

749 N. 175th & Linden Ave.

10 am - 12 Noon: Tailgate Swap

12 Noon: Meeting, Program, Show & Tell

Info: Pete Petersen - (425) 747-1323

<http://www.eskimo.com/~hhagen/psara.html>

### **FLORIDA - Oct. 17**

#### **JACKSONVILLE ANTIQUE RADIO SOCIETY MEETING**

Jacksonville, FL - San Pablo Branch Library\*  
13295 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332

[www.jarsradioclub.com](http://www.jarsradioclub.com)

\*New Location

### **Submission Deadline for**

**Nov. issue is Oct. 5**

**Dec. issue is Nov. 5**

## **CALIFORNIA - Oct. 18**

**CALIFORNIA HISTORICAL RADIO SOC.  
SACRAMENTO CHAPTER - MEETING**

Roseville, CA - 3017 Douglas Blvd. Suite 300  
7 pm

Info: Scott Biasotti - (916) 774-7170  
[www.californiahistoricalradio.com](http://www.californiahistoricalradio.com)

## **OHIO - Oct. 19**

**CENTRAL OHIO ANTIQUE RADIO ASSOC.  
MEETING**

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

7:30 pm

Info: Barry Gould - (614) 777-8534  
Chuck Davis - (614) 792-6237  
<http://members.tripod.com/~COARA/index.htm>

## **OHIO - Oct. 19**

**CINCINNATI ANTIQUE RADIO SOCIETY  
MEETING**

Cincinnati, OH - Brecon United Methodist  
Church, 7388 E. Kemper Rd.

7:30 pm

Info: Tina Haucke - (513) 247-9406

## **OKLAHOMA - Oct. 20**

**HEARTLAND ANTIQUE RADIO ASSOC.  
MEETING**

See Website for meeting location

7 pm

Info: Dan Weilacher - 620 Fort Spunky Rd.,  
Catoosa, OK 74015  
[www.hlara.org](http://www.hlara.org)

## **NEW YORK - Oct. 21**

**HUDSON VALLEY ANTIQUE RADIO  
AND PHONO SOCIETY - MEETING**  
Highland Falls, NY - Art Kingsley Residence

7-9 pm (call to confirm details)

Info: Art Kingsley - (845) 446-4091

## **OHIO - Oct. 22**

**ESTES AUCTIONS  
RADIO AUCTION**

Burbank, OH - Expo Auction Center  
8157 Garman Rd.

10 am

Info: (888) 769-4992 - Fax: (330) 769-4116  
[estesauctions@aol.com](mailto:estesauctions@aol.com)  
[www.estesauctions.com](http://www.estesauctions.com)

## **NEW JERSEY - Oct. 23**

**NEW JERSEY ANTIQUE RADIO CLUB  
FALL INDOOR SWAP MEET**

Hazlet, NJ - North Centerville Vol. Fire Co.  
372 Middle Rd. (County Rt. 516)

8 am - 1 pm

Vendor Set-up: 7 am

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

## **NEW JERSEY - Oct. 23**

**WAYNE POLICE ATHLETIC LEAGUE  
MECHANICAL MUSIC EXTRAVAGANZA**

Wayne, NJ - 1 Pal Dr.

9 am - 3 pm

Info: (973) 655-9730

## **NEW YORK - Oct. 23**

**SCHENECTADY ANTIQUE RADIO CLUB  
MEETING**

Schenectady, NY - Schenectady Museum &  
Planetarium, Knott Terrace

Flea Market: 1:30 pm - Meeting: 2 pm

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

## **ALABAMA - Oct. 24**

**ALABAMA HISTORICAL RADIO SOCIETY  
MEETING**

Birmingham, AL - Alabama Power Building  
Parkway East

7 pm

Info: Ron Westbrook - (205) 833-8035  
[www.bham.net/ahrs/](http://www.bham.net/ahrs/)

## **OHIO - Oct. 25**

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

Kettering, OH - Banquet room at Cassano's  
Pizza House, 1700 E. Stroop Rd.

7:30 pm

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

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

**N. CAROLINA - Oct. 29**

**CAROLINAS CHAPTER AWA  
FALL SWAP MEET**

Jamestown, NC - City Lake Park

7 am - 12 Noon

Info: [www.cc-awa.org](http://www.cc-awa.org)

**ILLINOIS - Oct. 30**

**ERIC'S AUCTION BARN  
16TH ANNUAL RADIO AUCTION**

Olney, IL - 1000 Southwest

1 mile N. of US Rte. 50

10 am

Info: Wayne Martin - (573) 547-4292

**OHIO - Nov. 1**

**ANTIQUERADIO COLLECTORS OF OHIO  
MEETING**

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogle - (937) 294-8960

[karlkrad@gemair.com](mailto:karlkrad@gemair.com)

**ONTARIO - Nov. 2**

**OTTAWA VINTAGE RADIO CLUB  
AUCTION**

Ottawa, Ont. - The Ottawa Citizen  
Conference Room, 1101 Baxter Rd.

7 pm

Info: OVRC - (613) 832-3097

[www.ovrc.org](http://www.ovrc.org)

**ARKANSAS - Nov. 3**

**ANTIQUERADIO COLLECTORS CLUB  
OF FORT SMITH - MEETING**

Fort Smith, AR - First Baptist Church

1400 Grand Ave.

7:30 pm

Info: Paul Tucker - (479) 782-8178

**CALIFORNIA - Nov. 5**

**CALIFORNIA HISTORICAL RADIO SOC.  
SWAP MEET & AUCTION**

Berkley, CA - CHRS/KRE Building

601 Ashby Ave.

8 am

Info: CHRS Hotline - (415) 821-9800

[www.californiahistoricalradio.com](http://www.californiahistoricalradio.com)

**KANSAS - Nov. 5**

**MID-AMERICA ANTIQUE RADIO CLUB  
AUCTION**

Grandview, MO - Hickman Mills Community  
Christian Church, 5809 E Red Bridge

10 am

Info: Claude Chafin - (816) 478-3391

<http://www.geocities.com/maarc1974/>

**WASHINGTON - Nov. 5**

**RADIO ENTHUSIASTS OF PUGET SOUND  
MEETING**

Seattle, WA - Queen Anne Library

400 W. Garfield

2 pm

Info: REPS - (206) 486-9518

[www.repsonline.org](http://www.repsonline.org)

**NEW YORK - Nov. 6**

**GREATER NEW YORK VINTAGE WIRELESS  
ASSN. - SWAP MEET - MEETING**

Lake Ronkonkoma, NY - 367 Hawkins Ave.

8 am - Noon

Info: Chris Lieppert - (631) 471-9526

Chris Bacon - (516) 437-7106

**MISSOURI - Nov. 8**

**ANTIQUERADIO 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: Derek Cohn - (314) 725-2333

[vibroplex@mindspring.com](mailto:vibroplex@mindspring.com)

**N. CAROLINA - Nov. 8**

**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

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

### **PENNSYLVANIA - Nov. 8**

**DELAWARE VALLEY HIST. RADIO CLUB  
MEETING - SWAP - AUCTION**  
Telford, PA - Telford Community Building  
Hamilton & Hamlin

7:30 pm

Info: Delaware Valley Historical Radio Club  
PO Box 5053, New Britain, PA 18901  
[www.dvhrc.org](http://www.dvhrc.org)

### **ARKANSAS - Nov. 10**

**ARKANSAS ANTIQUE RADIO CLUB  
MEETING**

Call for Location and Directions  
7 pm

Info: Tom Burgess - (501) 455-0773

### **NEW JERSEY - Nov. 11**

**NEW JERSEY ANTIQUE RADIO CLUB  
MEETING**

Call for location & directions  
7:30 pm

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

### **MICHIGAN - Nov. 12**

**MICHIGAN ANTIQUE RADIO CLUB  
FALL MEET**

Kalamazoo, MI - County Fairgrounds  
2900 Lake St.

Early Bird Admission: 8 am, \$10.00  
General Admission: 9 am - 1 pm, \$5.00  
Children under 12 Free

Info: John Den Hartigh - (269) 217-0539  
[www.michiganantiqueradio.org](http://www.michiganantiqueradio.org)

### **OKLAHOMA - Nov. 12**

**OKLA. VINTAGE RADIO COLLECTORS  
MEETING**

Oklahoma City, OK - Hometown Buffet  
3900 N.W. 63rd St.

6 pm: Dinner - 7 pm: Meeting

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

**Mention A.R.C.  
when contacting clubs!**

### **OREGON - Nov. 12**

**NORTHWEST VINTAGE RADIO SOCIETY  
MEETING & TAILGATE SWAP**  
Oregon City, OR - Abernathy Grange Hall  
15745 S. Harley Ave.

Swap: 8:30 am - Meeting: 10 am  
Info: [www.nwvrs.org](http://www.nwvrs.org)

### **COLORADO - Nov. 13**

**COLORADO RADIO COLLECTORS  
MEETING**

Call David Boyle for details  
1 pm

Info: David Boyle - (303) 681-3258

### **NEW MEXICO - Nov. 13**

**NEW MEXICO RADIO COLLECTORS CLUB  
MEET**

Albuquerque, NM - Anna Kaserman 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  
<http://members.aol.com/NMRCC>

### **GEORGIA - Nov. 14**

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

Norcross, GA - Fire Mountain Rest.  
Jimmy Carter Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619  
[www.sarsradio.com](http://www.sarsradio.com)

### **OKLAHOMA - Nov. 17**

**HEARTLAND ANTIQUE RADIO ASSOC.  
MEETING**

See Website for meeting location  
7 pm

Info: Dan Weilcher - 620 Fort Spunky Rd.,  
Catoosa, OK 74015  
[www.hlara.org](http://www.hlara.org)

**SUBMISSION DEADLINE: 5TH OF MONTH**

*Changes, cancellations and errors do occur.  
To avoid disappointment, verify  
place, date and time especially for  
events which are new to you.*

## CALIFORNIA - Nov. 18-19

SOUTHERN CALIF. ANTIQUE RADIO SOC.  
ANNUAL MEETING

Carlsbad, CA - Holiday Inn  
850 Palomar Airport Rd.

Swap Meet: Both Days

Fri. 1 - 4 pm Short Programs,

5 - 9:30 pm Dinner, Elections, Program

Sat. Mid-Morning: Donation Auction,

Contest & Program

Info: [www.antiqueradios.org](http://www.antiqueradios.org)

## CALIFORNIA - Nov. 19-20

VTV AUDIO, VIDEO & MUSIC  
EXPO & SWAP

Pasadena, CA - Embassy Suites  
near 210 Freeway & Burbank Airport

Admission: \$10

Info: Charlie Kittleson - (707) 349-3009  
[triode@vacuumtube.com](mailto:triode@vacuumtube.com)

## TEXAS - Nov. 18-20

VINTAGE RADIO & PHONOGRAPH SOC.  
CONVENTION

Mesquite, TX - Hampton Inn

Info: George Potter - (972) 353-4862

[vrps@sbcglobal.net](mailto:vrps@sbcglobal.net) - [www.vrps.org](http://www.vrps.org)

## TENNESSEE - Nov. 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  
[marc\\_memphisantiqueradioclub@hotmail.com](mailto:marc_memphisantiqueradioclub@hotmail.com)

## OHIO - Nov. 19

ESTES AUCTIONS  
RADIO AUCTION

Burbank, OH - Burbank Auction Center  
8157 Garman Rd.

10 am

Info: (888) 769-4992 - Fax: (330) 769-4116

[estesauctions@aol.com](mailto:estesauctions@aol.com) -

[www.estesauctions.com](http://www.estesauctions.com)

## FLORIDA - Nov. 21

JACKSONVILLE ANTIQUE RADIO SOC.  
MEETING

Jacksonville, FL - San Pablo Branch Library  
13295 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332  
[www.jarsradioclub.com](http://www.jarsradioclub.com)

## TEXAS - Nov. 19

TEXAS ANTIQUE RADIO CLUB  
MEETING

Kyle, TX - Railroad BBQ

10:30 am

Info: Ed Engelken - [EdEngel@gvtc.com](mailto:EdEngel@gvtc.com)

(830) 899-3864

[www.gvtc.com/~edengel/TARC.htm](http://www.gvtc.com/~edengel/TARC.htm)

## FLORIDA

SOUTH FLORIDA ANTIQUE RADIO COLL.  
RE-ORGANIZING

Any previous members and all potential  
new members should contact:

Tom Valenti - (305) 373-7372

1717 North Bayshore Dr., #1237,  
Miami, FL 33132

*Attend a radio event near you,  
learn, meet others in the hobby,  
and perhaps find an item or two  
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Please send A.R.C. the name, address, etc.  
of your club's contact person.

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Phone: 541-956-1803

E-mail: [deepcavity@hghstream.net](mailto:deepcavity@hghstream.net)

Web: [www.wooferstweeters.com](http://www.wooferstweeters.com)

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P.O. Box 201, Eaton, NH 03832  
E-Mail: [nm1h@hotmail.com](mailto:nm1h@hotmail.com)  
[www.radioatlc.com/nm1h](http://www.radioatlc.com/nm1h)

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[www.johnsvintageradio.com](http://www.johnsvintageradio.com)



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E-mail: [estes\\_auctions@aol.com](mailto:estes_auctions@aol.com)

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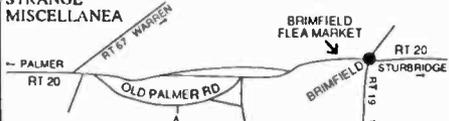
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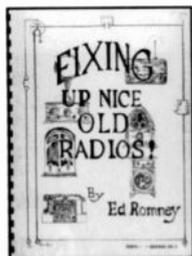
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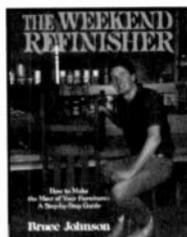
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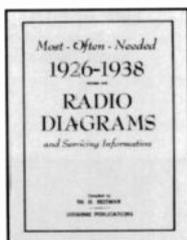
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(#24-Apr04)

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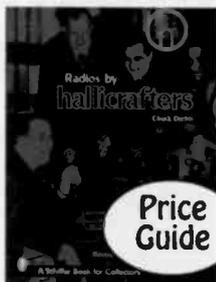
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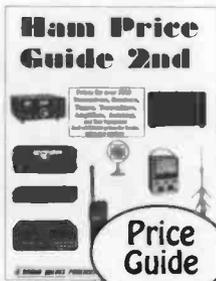


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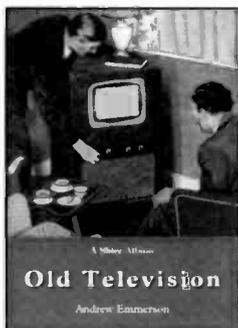
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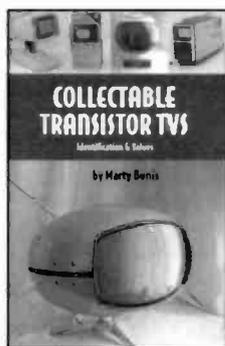
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(#28-Apr04)

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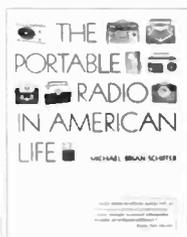
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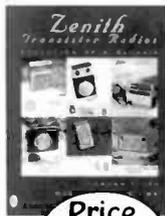


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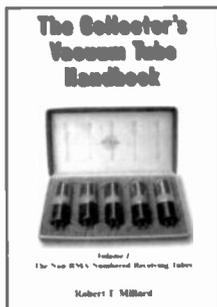
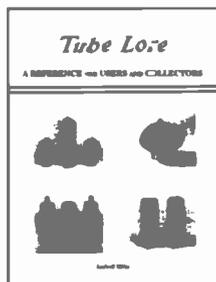
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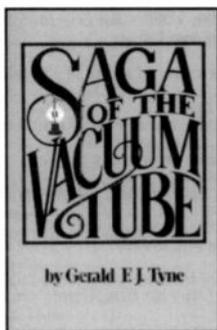
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Addison	5	Black & Red	1,250
		Yellow & Maroon	1,250
		Black & Yellow	1,000
		Red & Yellow	1,250
Arvin	532	Yellow	2,500
		Maroon	2,750
Deward	561	Any Color	500+
Detrola		Any Color	6,000+
Bendix	526C	Green & Black	625
DeWald	A501 & A502	Brown	375
		Yellow	425
		Red	1,200
Emerson	AU190 & BT 245	Yellow	1,300
		Green or Brown	2,500
		Dark Red	2,700
		Blue	6,850
		Bright Red	12,000
Emerson	BM258	Yellow	1,000
		Green	1,350
		Red	2,250
		Blue	4,000
Emerson	564	Black	500
		Green	1,150
Emerson	AX-235	Red	1,650
		Yellow & Black	900
		Red & White	2,000
		Dk Red & White	2,750
		Blue & White	5,000
		Black & Orange	6,000
Espey	<b>Name</b>	<b>Your</b>	<b>Price</b>
Fada	115, 116 & 1000	All Yellow	700
		Maroon & yellow	950
		Yellow & red	1,150
		Pea Green	1,400
		Blue & Yellow	2,650
Fada	156	Yellow	1,500
		Light Green	2,500
		Maroon & Yellow	2,200
		Yellow & Blue	3,000
		Yellow & Red	3,500
		Emerald	7,000
		Gr/Yellow	7,000
		Blue & Yellow	7,000

MAKE	MODEL	COLOR	PRICE
Fada	F55 & 52	Yellow	1,000
		Light Green	1,500
		Maroon & Yellow	1,500
		Yellow & Blue	2,000
		Yellow & Red	3,000
Fada	5F50 & 5F50	Emerald	4,000
		Gr/Yellow	4,000
		Blue & Yellow	4,000
		Yellow	1,000
		Light Green	1,000
Fada	700	Yellow & Blue	2,500
		Yellow & Red	3,000
		Emerald	4,000
		Gr/Yellow	4,000
Fada	700	Yellow	750
		Maroon	1,000
		Onyx	1,200
		Blue	2,000
Holson		Yellow	2,500
		Green	3,500
		Red	5,000
Motorola	50XC	All Yellow	2,000
		Brown & Tortoise	2,750
		Red & Yellow	6,000
		Red & Yellow	6,250
Motorola	52	Yellow & Tortoise	1,500
		Maroon & Yellow	1,850
		Green & Yellow	3,000
Sonora	KM	Any Color	1,600
Kadette	Clockette	Yellow	2,000
		Green	3,500
		Red	6,000
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Senthel	284 Wavy Grill	Yellow	600
		Sand	800
		Red	1,250
		Blue	6,500
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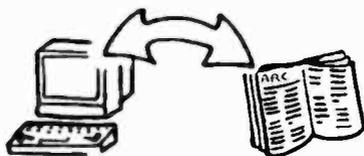
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