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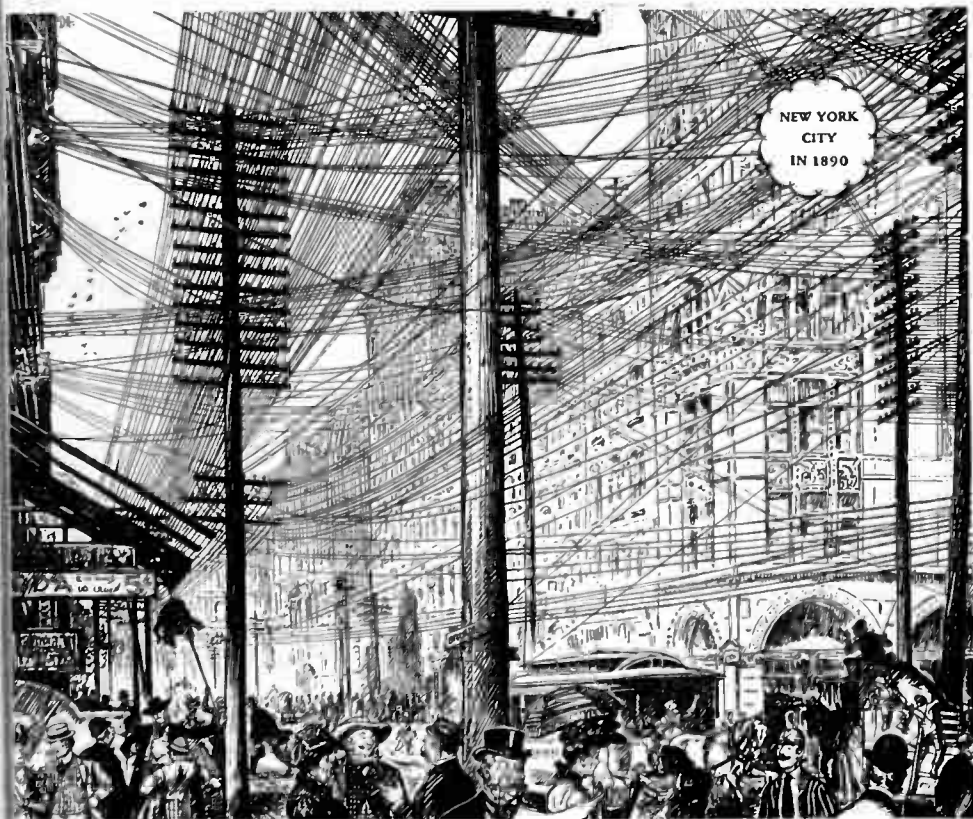
January 2001

\$2.50

Electronics

Collector

A MAGAZINE FOR VINTAGE ELECTRONICS ENTHUSIASTS

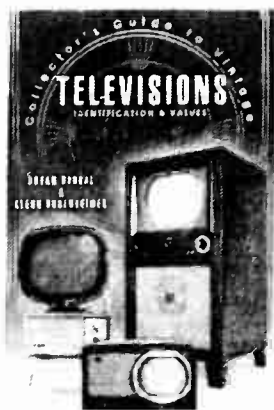


Collector's Guide to Vintage **TELEVISIONS** IDENTIFICATION & VALUES

By **Bryan Durbal**

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The Electronics Collector

EDITOR – Robert P. Morrison

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Volume 2, No. 1

The Electronics Collector (TEC) is published 12 times a year by Robert P. Morrison, P. O. Box 43, Live Oak, FL 32064-0043. Postage is paid at Live Oak, FL 32064.

The *Electronics Collector* is a monthly magazine for collectors, buyers, sellers and those who repair and restore vintage electronics items. The goal of *The Electronics Collector* is to stimulate growth and interest among subscribers by providing a means for interaction; to provide new insights to the advanced collector/restorer, and encouragement to novices.

The *Electronics Collector* relies on its readers to provide material for publication of articles, book reviews, stories, anecdotes, cartoons, auction reports, swap meets, photos of specific items & collections, and related items. Publication is subject to approval, and to time and space constraints. We invite anyone interested in writing for *The Electronics Collector* to write or call. Please include a self-addressed, stamped envelope with all correspondence requiring a reply. Individuals submitting material should wait for acceptance or rejection of their material before offering it to other publications.

All submitted material may be edited. By-line articles and reviews are the views and opinions of the author and not necessarily those of *The Electronics Collector*. After publication by *TEC*, rights to the material revert to the author. Items in this magazine may be used by other publications provided permission is first obtained from the author and *TEC*, and credit is given to *The Electronics Collector* and the author.

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Front Cover

Keeping with the spirit of the New Year, this month's cover displays a 1935 Bell Telephone ad depicting an 1890 New York street scene entitled: "Years of Progress."

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Rates within the U.S., \$24.95.

Canada & Mexico, \$34.95 (Air).

Other Foreign Countries, \$43.95 (Air).

Cancellation: Refund at anytime for issues remaining on subscription.

Postmaster, send address changes to:

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COMMENTS

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Consider our "Collector's Showcase." Charles Combs is no newcomer to *TEC*. He has shared elements of his collection with us before and we always appreciate his willingness to support us. It is our hope this kind of interest will inspire more of you to share information about your collections and/or interests, so use this winter time to jot down some thoughts and send them to us.

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Our *TEC* Bookstore has acquired a few more copies of the popular Lane & Lane book, *Transistor Radios*. We have a limited number at a reduced price so, if you missed getting one before, this may be your last chance. For you television enthusiasts we now have a few copies of the *Golden Age of Televisions* by Philip Collins. This is an excellent book to add to your collection library. Additionally, it is an ideal companion to *Collector's Guide to Vintage Televisions*, also available from *TEC* and, remember, subscribers get a 10% discount.

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We hope you all came through the holiday activities and are well and resting up for this year's coming radio events. There are many scheduled, so keep an eye on our "Upcoming Club Activities" section for a meet in your area. Plan to attend at least one, if not more. While you are at it, you can get the word out to other collectors by sending us a copy of your club's activities and meet schedules for this year.

Good luck with your collecting, and may this year be a good one!



Robert P. Morrison, Editor

CORRESPONDENCE

WE WANT TO HEAR FROM YOU!

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LET'S DISCUSS YOUR CORRESPONDENCE

Editors love to get letters. Letters are a way of keeping track of reader's interests and concerns. They let us know how you feel and what's on your mind. Letters make good reading and provide valuable feedback.

Lately our correspondence has been dropping off so we want to encourage you to write more letters. You can make comments and observations, ask for help with a restoration or repair problem, or share collecting and/or technical experiences.

All letters will be read. Unfortunately not all letters can be printed, but the ones that are will be carefully reviewed for interest and informative content.

To offer a few suggestions:

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4) Write clearly and concisely. We try not to edit correspondence, but sometimes it is necessary. Well-written letters stand a better chance of not being edited.

As an editorial policy, and for verification, we require writers to include their name and address. If you don't want your name printed we will honor your wishes and run the letter under "Anonymous."

Finally, if you have any questions about writing letters we will be more than glad to offer our assistance. Just write or e-mail us. —Ed.

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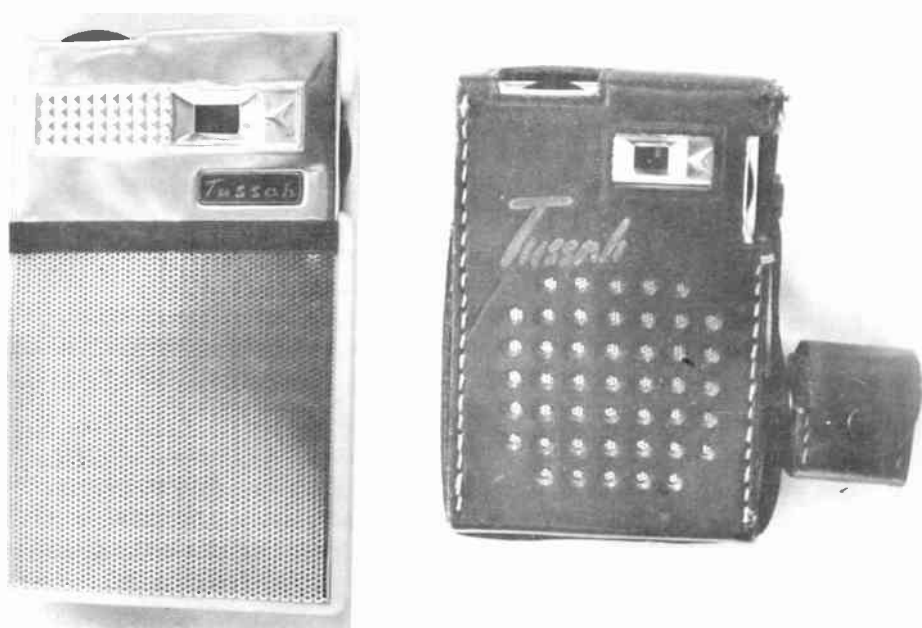
Finally, if you have any questions about writing letters we will be more than glad to offer our assistance. Just write or e-mail us. —Ed.

Collector's Showcase

Submitted By
Charles Combs

Thanks to TEC reader Charles Combs for providing us with this radio from his transistor radio collection. Charles writes that this is another one of those nice collectibles not found in the books by Bunis, Lane & Lane or Smith, et al. —Ed.

Tussah Six Transistor Radio



This month we feature a Tussah six-transistor radio, model, no. TR-708. This two-tone plastic shirt-pocket radio was made in Japan. No information is available on the date of manufacture. The radio uses full-size ¼-watt resistors and Hitachi transistors consisting of one 2SA15, one 2SB75, two 2SA12s, and two 2SB77 output transistors. It also uses a 1N34A diode detector. The front of the white plastic radio has a silver metal escutcheon and perforated silver speaker grill. The AM dial has the traditional CD marks and is thumb-wheel tuned from the right side. A black band with the words "Six Transistor" separates the escutcheon from the speaker grill. A thumb-wheel volume control is located on the top and an carphone jack is on the left side. The back cover is in gold on the front. The carrying strap has a leather holder for the carphone. ■

THE CATALIN CORNER

4: The Fada Catalins - Part I

By
Ed Lyon

Many thanks to Ed Lyon for allowing us to bring this series of articles which first appeared in the Mid-Atlantic Antique Radio Club (MAARC) Newsletter in April 1986, and from December 1987 through September 1992. The series is reprinted here (with minor text changes for clarity) by permission of Ed Lyon and MAARC. We would like to extend an invitation to our readers to participate in the presentation of this series by sending us photos, advertisements and other items of interest, which we can use to compliment the material. All items submitted will be returned and credit given for its use. -Ed.

Fada was one of the many companies that started soon after World War I; it was the hobby-shop of Frank A. D. Andrea, from whose initials is derived the name "Fada." He aligned himself firmly with Hazeltine and his Neutrodyne circuit, and was one of the charter members of the Independent Radio Manufacturers Association, a pool of companies under Hazeltine aimed at battling Sarnoff's RCA trust over licenses.¹ Fada had its ups and downs and, during the Depression, a lot of downs. The name survived—even up to the peak of vacuum-tube television.

It was during the late 30s and early 40s that the name Fada became associated with the latest thing in personal radios: the bright Catalins in their Art Deco styling. The most popular of these was the "Streamliner," which we now call the "Bullet," the earliest version being the Model 115, first designed in April 1940. A postwar version, the Model 1000, was very similar in appearance, but it sported an extra tube, an r.f. amplifier with an untuned output circuit. There were two

variants of the Model 115, the 189 series and the 200 series. More about this later.

The 115 Bullet is a five-tube (single-ended octals) a.c./d.c. compact set built in a genuine Catalin-brand cast phenolic, asymmetrically shaped cabinet. According to original Catalin Corporation records, as well as several advertisements found in magazines of the 1940-42 era, it was produced in the following colors:

- Marbled Alabaster (almost pure white) throughout
- Maroon (solid color) with alabaster trim
- Marbled Alabaster with red trim
- Marbled Blue with alabaster trim
- Marbled Onyx throughout
- Marbled Onyx with alabaster trim
- Marbled red with alabaster trim (very rare)
- Marbled Alabaster with blue trim (very, very rare)

Some collectors have reported having a red 115 with alabaster trim, but there is no evidence in Catalin data that such was a standard production color scheme for that model. The same can be said for any with blue as the trim color. Good manufacturer's data on the prewar 115 is scarcer than that on the postwar 1000. And red 115 cabinets might have been made, but in small quantities, owing to the

(Continued on next page)

¹ Ed Lyon, "The Neutrodyne Mystique," *MAARC Newsletter*, July 1986, pp. 6-7.

problems in making large-area Catalin pieces in red.

Although two Bullet radios have been reported having blue bezels, at least one of these is actually the Fada 189 series radio, called the "All American" by Fada. Very few of the 189 radios were made, and these were produced just before Christmas 1940.

Now it is possible that a few blue-bezel 115s were also run through the line, but this would have been somewhat of an accident. Catalin made the bezels in the form of 6½-inch long tubes 4¾-inch O.D. and 3¼-inch I.D., which were then sliced into ¼-inch-thick rings. These rings were finished on a lathe, using diamond wheels for the cutting and abrasive stones for the shaping. Thus, from 19 to 21 bezels resulted from each casting. Therefore, if a bezel mold got into the resin pouring line, out of place, and got filled with blue resin, we should expect to find about 20 radios made this way. With the survival rate on the Bullets running about five percent, this would mean that only one or two should be found today.

Whether a "found" blue bezel is

examining one, the general direction of the white swirls (or "mottle") should be noted. Authentic Fada Bullet bezels were made by slicing a cast cylinder. The general flow of some of the white mottle streaks would be along the long axis of the cylinder, i.e., at right angles to the slices, or in and out of the bezel face. If only one or two such bezels were made, Fada, Catalin, or anyone else would probably have cut them from a cast sheet of material, or cast them in a rubber mold, and the mottle streaks would be flatter on the face of the bezel. Another test for authenticity of a bezel is to look carefully at its back. There one should find the cut-off blade streaks, much as one finds saw tooth streaks in rough-cut lumber. These streaks should show curvature appropriate for a 12-inch diameter blade.

On any given radio, the trim pieces were supposed to be of one common color, this included the handle, the two knobs, and the dial surround, or bezel. A rare exception is the "All American" 189 series, made with alabaster body, red knobs and handle, and blue bezel. (This is one of the blue bezel rarities noted above, and only one is known to be in the hands

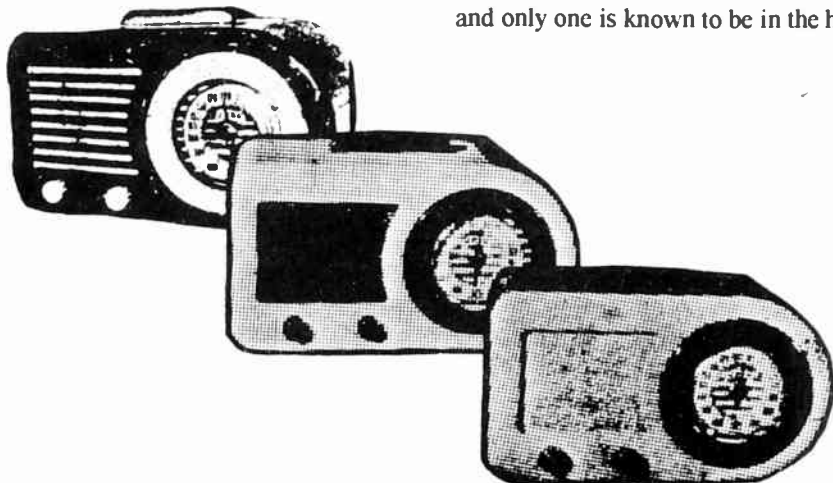


Fig. 1. The three styles of Fada Model 1000 cabinets: regular, paneled, and cloth speaker grilles.

authentic is another question. When and only one is known to be in the hands

of a collector today.) Some Model 1000 cabinets had the speaker grille cut away and had either grille cloth or a Catalin grille panel inserted. The Catalin grille panel, when used, matched the trim color. One can be certain that the earlier model, the 115, came out in only the solid cabinet style (no panel or insert in the speaker area). Since the manufacture of all these cabinets used the same arbor (or "master"), any cutting-out of the grille area (and the slitting of the grille itself) was a machining operation carried out on the cured cabinet, and could have been done for either of the models, 115 or 1000. Apparently it just hadn't been thought of as necessary for sales until after the war. The three Model 1000 cabinet styles are shown in figure 1. The handles on the cabinets, cut from a solid slab of Catalin, retracted to sit on the cabinet top when released.

The dial was made of the popular Gemloid (a trade name of the Gemloid Corp.), a waffled, gold foil flashed cellulose nitrate (or, later, acetate) panel with kilocycle and wavelength scales. It has a double-ended pointer with a bright red center spot. The 115 has a tens-of-kilocycle scale, reading from 55 to 175, while the 1000 has a scale from 53 to 165, both increasing counterclockwise. The 115 had a set of black vertical bars running through the dial center, with the Fada name below the wavelength scale, while the 1000 uses an all-gold dial face with Fada printed just above the dial center. The two dials may be compared in figure 2.

It should be remembered that there were essentially no blue trim pieces made, and there were no green (aside from the very light green tint in

onyx) or yellow Catalin plastics involved at all. (The "olive" color mentioned in "The Catalin Corner-2" was in error, referring to an age-affected color.) Until world War II, several of the dyes used in coloring Catalin plastics came from the BASF company in Germany. Trial-and-error methods had to be used in choosing the particular dye ultimately employed—detailed information on the imported colorants being scarce. This resulted in limited color selections by today's standards. All of the dyes were susceptible to ultraviolet light attack, which seriously faded them. In the selection process, Catalin regularly tested the cast resins using arc lamps to accelerate color changes. Other attempts at attaining bright colors involved dyes which puddled in the resin mix, owing to chemical change brought about by the sustained heated cure period in intimate contact with the phenolformaldehyde mix (which formed phenyl alcohol), and by the alkaline catalyst or lactic acid stabilizer. This puddling, or settling, often left a spotted coloration, not quite what was wanted. This was especially true of some green, yellow, and red aniline dyes made after the German supplies were cut off. It was apparently enough of a problem that Fada never tried yellow cabinetry, and rarely made red cabinets, except in the early days.

The Catalin Corporation had, however,

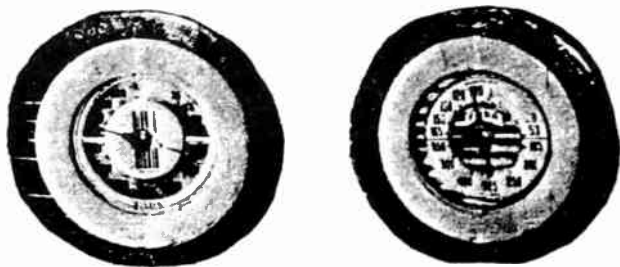


Fig. 2. Fada Bullet radio dial comparison, model 115 (left) vs. Model 1000.

(Continued on next page)

learned how to dye the plastic after its cure, to attain a degree of surface color correction, but old-time Catalin workers maintain that they never dyed any radio cabinets after manufacture. The dying practice was needed in the manufacture of Catalin "stag-horn" cutlery handles and other fissured objects. In "stag-horn," a brown dye was applied to the ivory-colored finished object, and then buffing removed the dye from the high areas, leaving the low areas darker. Dyeing called for bringing butyl alcohol, glycerin, and the dyestuff to a boil to dissolve the dye, then cooking the plastic object in this mixture for an hour or so to get a penetration into the plastic of about one to one and a half mils. The boiling and cooking process required the use of a reflux apparatus to prevent evaporation of the alcohol and to reduce the risk of fire.

Since the time of manufacture, most of the Catalin cabinets and trim pieces for the Fada Bullets have drifted in color. Most red pieces are no longer bright red, but, instead, are orange or brown. Nearly all alabaster pieces, which should be ivory to white, have turned to butterscotch or pumpkin. The blue, or lapis lazuli, has turned to green, while onyx, which began as a translucent pale greenish color, has turned to the color of "lentil soup." These color changes have not usually gone all the way through the plastic but, instead, are surface effects brought on by heat, ultraviolet light, and atmospheric constituents. The color changes have been especially severe when the cabinet has been exposed to excessive heat, such as in an attic, and in the areas of the cabinet directly over power tubes.

This means that careful and persistent abrading and buffing can restore the original colors. Experts in Catalin color restoration estimate that from five to 50 hours effort is needed for a typical cabinet to be returned to its original color and finish gloss. The large spread in man-

hours being due to variations in cabinet complexity (grille slits, louvers, etc.), and technique used.

Whether the collector really wants to restore a Fada Bullet to its original colors is perfectly optional. This author believes that if a collector has but a few of these radios, they should be restored, to show off the bright colors originally offered. But, if he has an abundance of them, some could be left in the as-found colors for variety. With a super-abundance, the collector may even mix the color schemes a little more, like showing an unrestored cabinet with restored trim pieces or vice versa.

The 115 chassis is also used in the Model 209 molded Bakelite radio (although one 209 seen a few years ago had a different dial design). This might be a chassis source for the collector who has two 1000s, and would like to make one a 115.

In Fada's case the term Catalin, when used to describe the cabinets of these radios, is precise since they were made of cast phenolic by the Catalin Corporation. Other manufacturers might have used Catalin, Marblette, Opalon, or Fiberlon. They might have used a cast urea plastic instead, but all are valued by collectors. Remember that it is the *casting* process, employing a translucent thermoset-like phenolic or urea resin, which is desirable. The many, many ads, beginning in 1936, for walnut, mahogany, or ivory plastic radios virtually always implied *molded* phenolic (or urea, for the ivory) plastics; these are of relatively low value today.

—Next month: *More Fada Catalins.* ■

Note: figures 1 & 2 derived from photos from the collection of Mark Wooley.

Ed Lyon (lyon@fred.net) is President of MAARC. He is a collector and writer. He lives in Myersville, MD.

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| uliette 14-transistor radio, model NA-114 | Feb | Cvr |
| VC Tip Top novelty radio, model 8000 | Mar | 8 |
| cadette tombstone radio, model 77 | Jun | Cvr |
| oyo 6-transistor radio, model KTR-632 | Sep | 5 |
| ongwood 6-transistor radio, model 2R-96 | Sep | 4 |
| arantz tube amplifier, model 8-B | Mar | 4 |
| meet Report, Carolinas Chapter AWA Fall Swap Meet | Dec | 4 |
| miami: Radio Capital of The World | Feb | 8 |
| miami: Radio Capital of The World | Mar | 6 |
| miami: Radio Capital of The World | Apr | 7 |
| More Tips on Radio Collecting | Aug | 4 |
| Nivico 3-band portable radio, model 11F-314A | Apr | Cvr |
| Olympic radio-phonograph, model 6-617 | Aug | 6 |
| Orion 10-transistor radio, model JT-602 | Sep | 4 |
| Oxford 6-transistor radio | Sep | 4 |
| Palm-Size Tube Radio | Feb | 11 |
| Perk-O-Rad novelty coffee pot radio | Jan | 4 |
| Philco transistor radio, model T-7 | Jan | 4 |
| Philco "Veep" three-transistor radio | Nov | 5 |
| Philmore "cat whisker" crystal radio | Feb | 4 |
| Precision tube radio | Feb | 11 |
| Private Ear two-tube radio | Apr | 4 |
| Private Ear two-tube radio | Nov | 5 |
| Radio Collecting | Jul | 4 |
| Radiola 28 console radio | Jun | 5 |
| RCA "Jewel Box" portable radio | Dec | Cvr |
| RCA transistor radio, model P331 | May | 10 |
| Realtone transistor radio, model TR861 | Mar | 11 |
| Regency TR-1 display | May | 11 |
| Regency XR2A two-transistor radio | Feb | 12 |
| Regency XR2A two-transistor radio | Nov | 5 |
| Reminiscences of an Old-timer | Mar | 10 |
| Ross A. Smith 1918-2000 | Aug | 9 |
| Royal 6-transistor radio | May | 9 |

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| Show Vendors Beware, The Tax Man Lurketh | May | 3 |
| Silver tube portable radio, model PC-200 | Nov | 6 |
| Sony portable TV, model 8-301 | Mar | 11 |
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| Sylvania Radio Tubes (1947 advertisement) | Nov | 7 |
| Sylvania Radio Tubes (1948 advertisement) | Jul | 7 |
| The Beginning of Broadcasting | Jun | 9 |
| The Catalin Corner-1 | Oct | 8 |
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| The Zenith Royal 900 | Jan | 8 |
| TI LCD calculator | Aug | 7 |
| Top Notch six-transistor radio | Mar | 8 |
| Toshiba six transistor radio model 6TP-335 | Mar | 8 |
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| Video Review: Restoring Pocket Radios | Dec | 7 |
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| What is Underpainted/Reverse Plastic? | Jul | 10 |
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| Zenith Royal "T" transistor hearing aid (open) | Sep | 9 |
| Zenith Royal 900 seven-transistor radio | Jan | 8 |

CLASSIFIEDS

ADVERTISING GUIDELINES

SUBMITTING ADS. All ads must be electronics related. Non electronic items may be included at the end of an ad if they are offered in trade for electronic items. All items must be represented fairly. Non original items, reproductions, and changes must be identified. Type or print ads clearly. We will do our best to print ads exactly as received, but cannot be responsible for illegible material. Responsibility for mistakes, misprints, or typographical errors is limited to correcting the error and running the ad in the next issue. All ads must contain a name and phone number or address. All advertising is subject to the publisher's approval who reserves the right to refuse ads not complying with these guidelines.

DEADLINE. Ads received by the 10th of the month will run in the next month's issue. Ads received after the 10th of the month will run the second month following receipt. Cancellation or changes after the 10th may not always be possible.

RATES. Subscribers get one free standard 50-word ad each month. Extra words are 25¢ each (\$1 minimum). Non subscriber rates are 35¢ per word. Classified ads are run on a pre-paid basis. Please include payment when mailing your ad. Ads may be sent via fax and e-mail, but must be paid promptly. As long as an account is in good standing, we will be happy to continue to run ads. At present we are not equipped to accept credit cards.

COUNTING WORDS. Headings: WANTED, FOR SALE, MESSAGE, SERVICES, HELP, etc. count as one word each time used. Each word, abbreviation, or model no. counts as one word. FOR SALE/TRADE counts as two words. Hyphenated words, words run together or connected with a slash (/), extra fax, or phone numbers count as two words. E-mail and Web address each count as three words. Name, address and (one) phone or fax number counts as six words. The publisher reserves the right to edit ads. Ads exceeding the 50-word allowance will be edited unless payment for excess words is included with the ad.

Write, fax or e-mail for boxed, capitalized or bold letter, and display ad rates.

FOR SALE: Airline GEN1136B, red 25. Arvin 64R38 \$25. Bulova 620 series, #53, clean \$95. Channel Master 6506, clean, red \$35. Coronet Boy's radio, replaced bezel, looks fair \$35. Jewel S.10, MIJ \$40 Motorolas: X16G \$25, 24N, nice \$30, X34GN, nice \$25, X37S, very clean \$25, X47B \$35. Panasonic 50AA \$40. Penncrest 1140 \$40. Philcos: NT600BK, fair \$20, T77-124, early set, small chip bottom \$50. Silvertones: Meteor 1208 \$35, 3202 \$40, 210 \$25, 4208 \$25, 5214M \$25. York R103, early set, vernier tuning \$30. Many Zenith Royals from 16 thru 500s and others of many brands. LSASE/E-mail. JPGS on request. H.B. McMahan, 13 W. Shaw, Tyler, TX 75701-3029. (902) 593-5433. E-mail: hbmc@juno.com

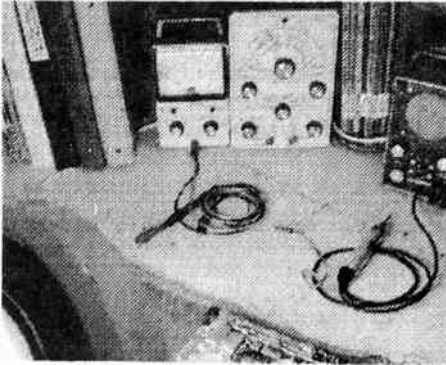
FOR SALE: Crystal Radio kits, complete with face panel, baseboard, variable capacitor, pre wound coil and many parts for old style radios. Remit \$22.50. Carl & Grace Ent., 5636 Romeyn, Detroit MI 48209.

FOR SALE: Lots of everything. All items complete, except where indicated. All items cosmetically good. For details send 2-stamp LSASE for 20-page flyer, No. 200A. Olde Tyme Radio Company, 2445 Lyttonsville Road, Suite 317, Silver Spring, MD 20910. Phone/Fax: (301) 587-5280. E-mail: oldetymeradio@juno.com

New Video!

Restoring Pocket Radios

By Eric Wrobbel & Ron Mansfield



Transistor radio restoration video. Learn to fix cracks, restore plastic and metal cases, replace damaged lettering, fix dead, and cranky radios, read schematics, trace signals, make handy tools and adaptors, align superhets, and much more for fun, or profit. \$24.95 & \$5 S/H to: Ron Mansfield, 2759 Hermosa Ave., #206, Montrose CA 91020. (818) 957-7271.

E-mail: ronmansfield@earthlink.net

FOR SALE: Micronta transistor checker \$15; Electro Brand 2951, 6-band \$25; Eagle transistor radio A1-1129, gray \$15. Archer kit radio 28-4029, unassembled \$20. Shipping extra. Victor Marett, 3201 NW 18 Street, Miami, FL 33125. (305) 634-9569.

E-mail: adlpvm@msn.com

WANTED: RCA Radiola 66 parts or junk chassis. Tony Cemino, 6731 Lindyann, Houston, TX 77008. (713) 862-1324.

FOR SALE: Vintage germanium transistors: CK722, 2N107, 2N35, CK760, may others including point contact transistors and other vintage radio parts. Send \$1 for catalog to: Helio Sakaya, 10726 Wiles Road, Coral Springs, FL 33076. Visit our Web site at: www.electronic-projects.com

WANTED: New tubes: 6L6, Y, G, GC GB,GX, WGA; 5932; 5881; 6550; 7027; 7581; KT66; 6AC7, EL34; 12AX7A; 7025; 7199. Also buy/trade vintage tubes. Roger McMullen, 14261 County Road 137, Wellborn, FL 32094. (904) 963-2024.

WANTED: Old cinema/studio tube sound equipment by Western electric/Westrex. Langevin, Ampex, Kalee, Cinema Eng., Altec, Jbl, Jensen, Tannoy, etc., amps, preamps, drivers, woofers, x-overs, horns, baffles, surplus tubes (valves), W.E. mixer boards (23c, 25b), mics, turntables, etc. Contact Charlie Dripps, P.O. Box 1927, Victorville, CA 92393-1927. (760) 955-8279 or (760) 245-4760.

E-mail: cdske60@earthlink.net

FOR SALE: Knobs & pushbuttons and 1941 & 1942 Philco escutcheon reproductions now 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

FOR SALE: Many of your favorite old time radio shows are available on tape cassettes. Select the shows you want and purchase them by the hour. Fast, friendly service. Send for our catalog listing over 5,700 shows arranged by category and title. Only \$2 (P&H). Erstwhile Radio, P.O. Box 2284, Peabody, MA 01960.

FOR SALE/WANTED: Parts, service & owner's manuals for Voice of Music (VM) audio equipment. VM parts of all kinds including idler wheels, belts, and phono needles. Contact Gary Stork at V-M Audio Enthusiasts, 37530 E. Meadowhill, Northville, MI 48167. (248) 478-0990. Visit www.thevoiceofmusic.com E-mail: gstork@concentric.net

TEC BOOKSTORE

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CRYSTAL FIRE; THE BIRTH OF THE INFORMATION AGE, by Michael Riordan and Lillian Hoddeson. This telling book, with photos and drawings, gives an account of the invention of the transistor. It draws attention to pride, jealousies, and scientific aspirations that lead to the greatest technological development in history. A must for every collector's library. 352 pages, hard cover. \$27.50. Order yours now!

THE GOLDEN AGE OF TELEVISIONS, by Philip Collins. This book is a great companion to *Collector's Guide to Vintage Televisions*, listed above. It celebrates the nostalgia of design through the presentation of over 100 beautiful color photographs covering 70 years of design with a commentary on history and programming. The book features all the great names like Admiral, Crosley, Dumont, Emerson, Motorola, Philco, RCA, and many more. This book is a celebration of the nostalgia of growing up during an era of great wonder and change. This is a must have for anyone interested in the progression of television from its infancy to the present. 131 pages, soft cover. \$15.95.

TRANSISTOR RADIOS, A COLLECTOR'S ENCYCLOPEDIA AND PRICE GUIDE, by David R. Lane & Robert A. Lane. This book for transistor collectors features more than 2,500 transistor radios of every size, color and description, including novelty and figural radios. This book is now out of print and we have a limited number available, so get yours while they last at this special price. Once they are gone there will be no more. 170 pages. Soft cover, Regular \$19.95, now \$11.95.

TWO VOLUME SET OF COLLECTOR'S GUIDE TO NOVELTY RADIOS, BOOKS I & II, by Robert Breed & Marty Bunis. Get both and save 10% over individual prices. Soft cover. \$35.

THE ELECTRONICS COLLECTOR BACK ISSUES, 2000: \$24.95 per year pp. (note: limited # of sets); limited number of individual copies \$2 ea. pp.

Payment may be made by check or money order. U.S. orders add \$3 postage for one book, additional books, no extra charge. Florida orders include 7% sales tax. Canadian orders include additional \$2 to cover delivery. Foreign orders are shipped surface mail.

Send To: **The Electronics Collector**, P. O. Box 43, Live Oak, FL 32064-0043

FOR SALE: Working horn speakers: Kennedy 620 \$700, Riley Klotz Arkay \$600, Magnavox M-1A gold color \$150., Jewett Superspeaker \$150, RCA UZ-1325 \$120, RCA FH \$150, Atwater Kent L \$150. Ray Schmidt, 2310 12 St. SW, Austin, MN 55912. (507) 433-3250.

FOR SALE: Norwood 12 TR, no. mod #, AM/FM, @ 9 P/STG, (JP) \$45. Ross Supreme 12 TR, portable AM/FM, top handle ant., @ 9 (JP) \$35. GE model P1818B, aqua blue, small portable A/O, @ 9/P \$15. Fiesta 10 TR. w/case. @ 9/P (HK) \$20. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174; Fx: 0441.

FOR SALE: Novelty radio collection. 1,450, all different. Some in books, some non-book. Buy one or all. Some of the hard to find, and some of the rare. Lists available. Call Sharon at (413) 529-0383. E-mail Sharon at: skb2577@aol.com

FOR SALE: Norwood 12 TR, no. mod #, AM/FM, @ 9 P/STG, (JP) \$45. Ross Supreme 12 TR, portable AM/FM, top handle ant., @ 9 (JP) \$35. GE model P1818B, aqua blue, small portable A/O. @ 9/P \$15. Fiesta 10 TR. w/case. @ 9/P (HK) \$20. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174; Fx: 0441.

FOR SALE: Crystals, galena or fools gold \$2 each. New design. machine screw mounted. L. Gardner, 458 Two Mile Creek Road, Tonawanda, NY 14150.

FREE: Index to Smith's *Transistor Radios 1954-1968*. Send LSASE for a free print-out. Roger Ward, P.O. box 394, Palmer Lake, CO 80133. The index is also available on my Web site at: http://www.estemere.net/smith_index.htm
You may e-mail me at: rward@icccc.org

MESSAGE: Please note new E-mail address! **WANTED:** early Sonys; Aiwa AR-300; Hitachi TH-669; NEC NT-63; NEC NT-6A; NEC-78; NEC NT-7H; Standard SR-F31; Standard SR-F21; Sanyo 6C-1; Turner 25X/25D microphone. David Mednick, 10 Doe Drive, Wesley Hills, NY 10901-2302. (914) 354-5041.

E-mail: davmed@optonline.net

SERVICES: Copies of schematics for most American radios built in the 1920s, 30s, 40s, and 50s. Some from the 1960s. Send LSASE and \$3 for each schematic. If schematic is unavailable, money will be returned. Antique Radio Schematic Service, 13911 Kensington Place, Houston, TX 77034.

SERVICES: Reproduction Philco cabinets and cabinet parts, gang tube shields for models 20, 21, 70, 90. Grandfather clock finals: Philco 570, GE H91, Crosley 124. Philco Colonial clock top trim. **FOR SALE:** Riders manuals, Riders index (copy), 1 thru 23, & books, SASE list. Dick Oliver, 28604 Schwalm Drive, Elkhart, IN 46517. (219) 522-4516. E-mail: dolivears@aol.com

UPCOMING CLUB ACTIVITIES

The Electronics Collector is happy to print notices of club events. Let us know the details (date, place, name, address, phone number and e-mail of the contact person). We will print the information free as space permits.

Jan 21. Burtonsville, MD.

MAARC meet, 2 p.m., Seventh Day Adventist Church gym. Brian Belanger (301) 258-0708.

E-mail: bcbelanger@aol.com

Jan. 27. Columbia, SC. CC-AWA Mini Meet, Gangman Park. Ron Lavrence (704) 289-1166 aft 5p.m. E-mail: kc4yoy@trellis.net

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