



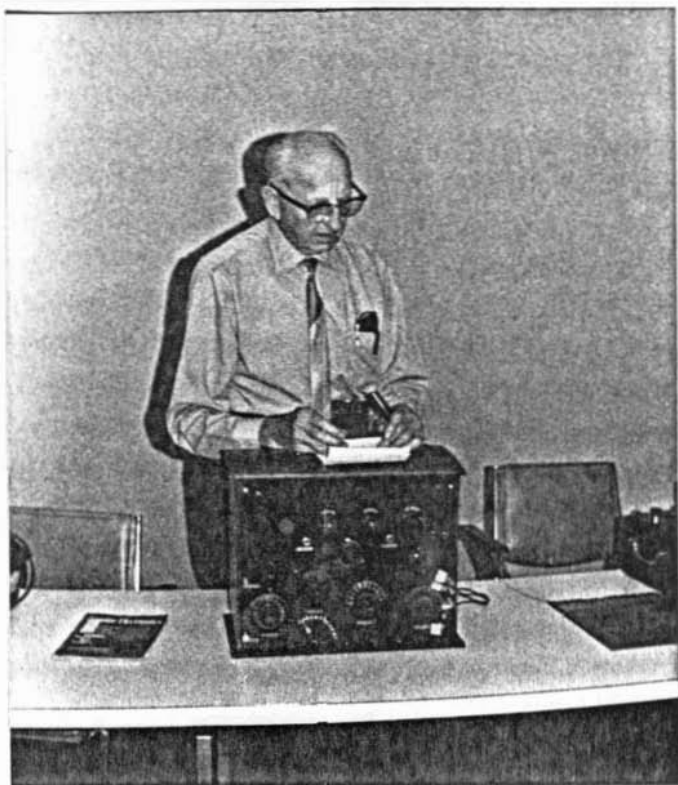
RADIO LOG

DECEMBER, 1979

Vol. 2

ROCKY MOUNTAIN ANTIQUE WIRELESS ASSOCIATION

Log 4



Mr. Emil F. Berndt giving his presentation on early radio experiences.



ROCKY MOUNTAIN ANTIQUE WIRELESS ASSOCIATION
P.O. Box 17311 Denver, CO 80217

DECEMBER, 1979

Next Meeting...

The next meeting of the RMAWA will be held Friday, December 21, 1979 at 7:30 P.M. at the Southwest State Bank, 1380 S. Federal Blvd., Denver, Colorado.

The main business subject to be covered will be the election of officers for the new year. Please be prepared to make your nominations at this meeting.

If time permits, a show and tell session will be conducted on any favorite or unusual sets that you have. An example of a repro loose coupler and literature detailing others will be shown.

Last Meeting...

The annual flea market/swap meet was held. Sorry, no Deforest, AK Breadboard, or Marconi sets were sold or traded.

From the President...

I would like to say that it has been an honor being President of the RMAWA for 1979. I certainly gave it my best efforts, but encountered certain problems which hindered me considerably.

The main problem was expected. This being the lack of communication with the club, by the fact that I live outside of Denver, where the majority of the members are located.

Never the less we did make it through the year. I would like to thank Ron Harmon for his help in arranging this year's club contest. location. Also Jan Furney for getting the ribbons made. Many thanks to all who participated, especially those like the Hardy's who chose to take their sets home and troubled themselves to bring them back again the next day for display.

May I take this space to give a special thanks to George Stevens for printing all our newsletters and Radio Logs. He not only helped me out in this manner, but saved the club a considerable amount of expense.

Thanks also go to Bob Slagle's wife, Margie, for doing the typing of our newsletters and Radio Logs. Last but not least thanks for the support of all the regulars at the club meetings.

It is a sad task to inform the club that member Floyd Poland of Rio, West Virginia, died recently of a heartattack. He was 65.

From the President (con't)...

I brought Floyd into the club and tried to introduce him to the members through the "Meet The Collector" column of Radio Log, Vol. II, Log 2. After carrying on correspondence with Floyd for 2 years, I felt I knew him, even though we had never met face to face.

Floyd's wife, Mary, informs me that he didn't suffer as it was a sudden thing. I would like to offer Floyd's family our sincere sympathy for their loss and extend any assistance the club can provide.

Ray Windrix

Address Change...

Doug and Jan Furney
10484 W. Arkansas Dr.
Lakewood, Colorado 80226
985-0407

O U R S T A F F

PRESIDENT: Ray Windrix
SEC. OF TREASURER: Ron and Sherry Harmon
EDITORS: Bob and Margie Slagle

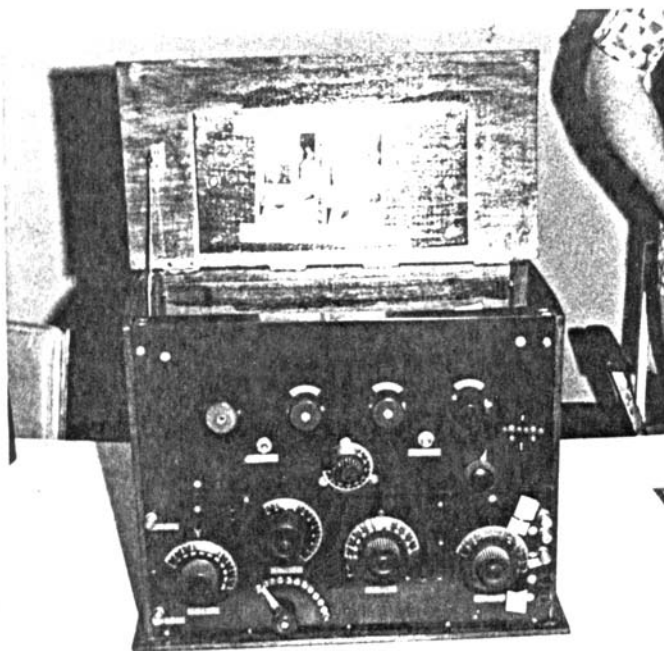
R.M.A.W.A. is a non-profit organization with the intent of preserving early radio.

Radio Log will be printed quarterly and distributed at no charge to members of the club.

**** MERRY CHRISTMAS AND BEST WISHES FOR THE NEW YEAR ****



Emil Berndt and close up (below) of receiver
he built using 3 WD-11 tubes.



A RESTORATION TIP ON HORN DRIVERS

by Bob Slagle

Do you have horn speakers with open drivers? If so, it's quite possible that they can be repaired.

One Sunday afternoon, while the Denver/Buffalo football game was on the radio, I decided to attempt the repair on one of mine. After all, I had nothing to lose - it was already inoperable.

I first completely disassembled the AK-M driver, an easy task on this horn. There are two windings, connected in series, that move the diaphragm. The ohm meter confirmed that both were open.

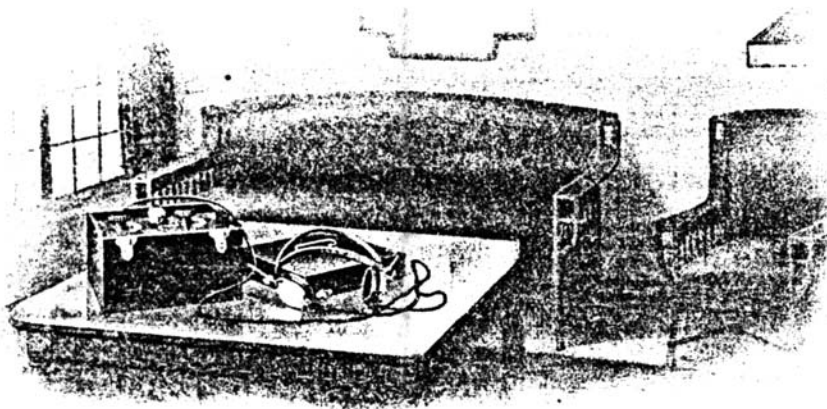
I very carefully cut, with a sharp knife, the paper wrapping which surrounded the winding until the metal solder ribbon was exposed. AK used this flexible metal ribbon as an interface between the actual coil wire and the lug. Sure enough, the winding wire was broken from the solder ribbon. Since this ribbon is easily broken, it was replaced with a flexible braided wire. (I used scrap loop antenna wire.) After carefully scraping the winding wire, I soldered the new braided wire into place and wrapped the coil with tape to keep from rebreaking. Another continuity check was taken and the meter registered 1K.

The next coil wasn't as easy as the first. I had to remove about 5 feet of winding wire until the break was discovered. The coil was repaired like the first and it too measured 1K.

Fortunately the breaks were on the outside of each coil. Before removing too much wire, the coil should be removed from its core support and the inside connections examined.

After getting everything back together, I took another meter reading from the ends of the leads. This time I read about 150K. After doing some additional checking I found that one of the tips needed resoldering. This then gave me the desired reading of 2K.

If you elect to replace the solder ribbons, make the connections on the ends. This keeps the coil measurements about the same and allows a better fit upon reassembly.



The Everyman Radiophone Receiver

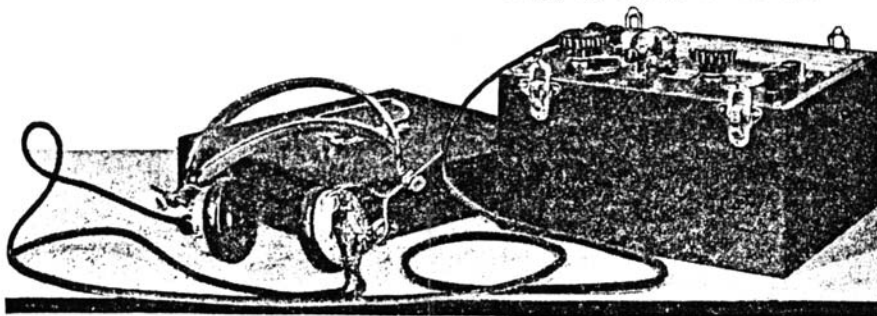
THE Everyman Radiophone Receiver was planned for the use of the average man who knows nothing about radio but who wishes to "listen in" on the radio telephone broadcasts, and for the amateur just entering the field. It is also an excellent set for use by jewellers to receive time signals. A DL-300 Honeycomb coil should be used for time signals.

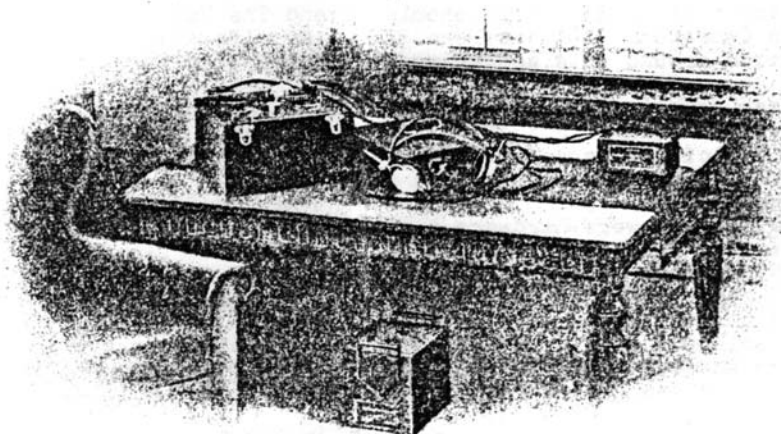
The Everyman is a simple, single circuit, crystal detector receiver designed to receive signals on all wavelengths from 150 to 800 meters. This range takes in amateur, broadcasting and ship stations. By the addition of "duolateral" coils, the Everyman will respond to wavelengths up to 20,000 meters.

The instruments are cased in a handsome walnut finished cabinet, with carrying handle, which contains space for "duolateral" coils, head telephone receivers and pad and pencil. A pair of 2200 ohm, army type headband receivers are furnished with the Everyman. Cabinet is 10" x 8" x 7" and the weight complete is five pounds.

Code Word: KARAK

Shipping Weight: 10 lbs.





The Radiohome Vacuum Tube Receiver

A BIG brother to the Everyman Receiver, identical in size and outward appearance and including the same simple, easily adjusted, single-circuit system of tuning but equipped with a vacuum tube detector of greater sensitivity that increases the receiving range.

The circuit used in this set is not regenerative, the leading radio engineers being agreed that the complexity of controls necessary and the difficulty of operation, with such a circuit, are not worth the slight benefits obtained from the regeneration which is valueless in the reception of radio telephone signals and seriously distorts them.

The wavelength range of the Radiohome is the same as that of the Everyman—145 to 800 meters and can be increased by the use of honeycomb coils for which a plug has been provided. The set includes tuning equipment, tube receptacle and tube controls and with it, a 6-volt storage battery, a "B" battery, vacuum tube and head telephone receivers are required.

The Radiohome Receiver (less tube, batteries and receivers).

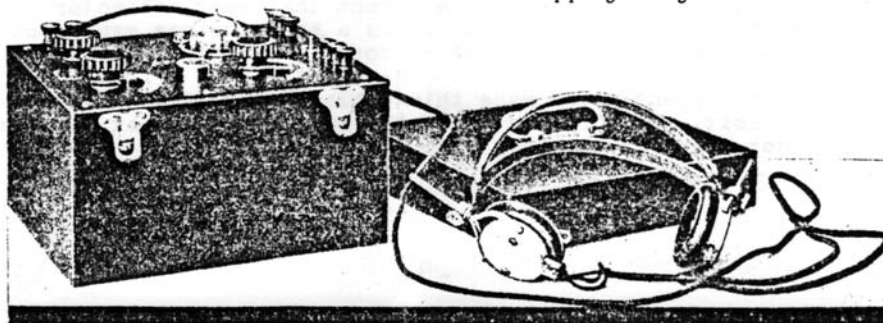
Code Word: INTRAM

Shipping Weight: 12 lbs.

The Radiohome Receiver (with tube, storage and B batteries, receivers and antennae).

Code Word: INCAS

Shipping Weight: 60 lbs.



THE NATIONAL HISTORICAL RADIO CONFERENCE

by Bob Slagle

Every serious collector should attend The National Historical Radio Conference at least one time. My wife and I planned our vacation around this conference and were not disappointed.

After touring New Hampshire, Vermont, and Massachusetts, we arrived in Canandaigua, New York on Tuesday, 2 days before the meet officially began. The flea market activities were already starting. The next day's flea market was larger and more vigorous. It amazed me how much radio equipment was available and changing hands. There were hardware parts for almost any need. Books, magazines, and other pieces of literature were plentiful. All types of battery sets were available with, what appeared to me, the RC and RA/DA the most abundant (I saw at least 10 of these). About 6 Breadboards were for sale/trade. A Kennedy 110/525 was available for \$900. Several horns and speakers in average condition were sitting around. AC sets however, were not that common. A few consoles and cathedrals were for sale.

The auction was an experience. Lots and lots of items. In general prices seemed to be somewhat in line although from time to time a real surprise would occur. For example, a beautiful (mint) Crosley V sold for \$180. Here is a cross-section of some of the material that was sold.

Philco 20 Cathedral -----	\$ 75
Radiola X (no tubes) -----	150
Federal 140 -----	120
Silvertone metal -----	20
BC 14A -----	210
AK 20 (no tubes) -----	40
Radiola 17 -----	40
AK 35 -----	35
Crosley 124 Cathedral -----	50
Radiola V -----	200
Freshman Masterpiece Deluxe -----	125
Freed-Eisemann NR 5 -----	45
AK 10 -----	360
Crosley 51 -----	70
Tuska 225 -----	210
Radiola 24 -----	155
Crosley Pup (with box) -----	185
Amrad 3500 -----	650
Radiola advertising tapestry -----	210

Following the auction were programs on tubes and restoration. Based on the attendance, it's apparent that many collectors are not interested in these seminars. It is a shame, since many good tips and ideas are presented to the restorer.

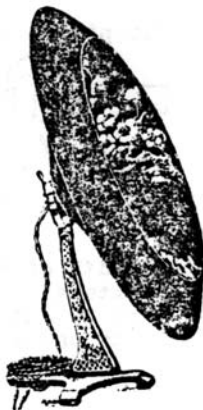
The one element which made this whole affair "great" was the museum visit. DO NOT miss this. I could spend a week there and still not see everything.

EDISON BELL RADIO

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1927

A PROSPEROUS NEW YEAR CERTAIN—
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NEW MODEL SPEAKER
CAT. NO. R.304. CODE: "ECHO."

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"BIJOU" 2-VALVE SET

CAT. NO. R.319. CODE: "DESK."

All dealers should start the new year well by obtaining from their factor complete catalogues of our products. If unable to obtain, write direct to the manufacturers for same.



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RESTORATION TIP

by Richard Ray

Sometimes it's desirable to substitute a 30 tube in place of an O1A. Since the 30's base is too small for the O1A socket, a simple trick to solve that problem is presented - and can be done in minutes.

Materials Needed

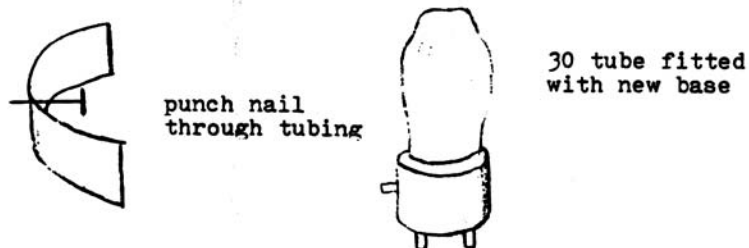
1. A piece of plastic or rubber tubing. The type used in lawn sprinkler systems is ok.
2. A roll of black plastic electricians tape.
3. A small nail.

Step 1.



Cut off a piece of the tubing approximately the width of the 30 tube base. This piece will probably have to be altered to fit the tube base, depending on tubing size. This is done by cutting the section and either removing or adding small amounts until a snug fit is accomplished.

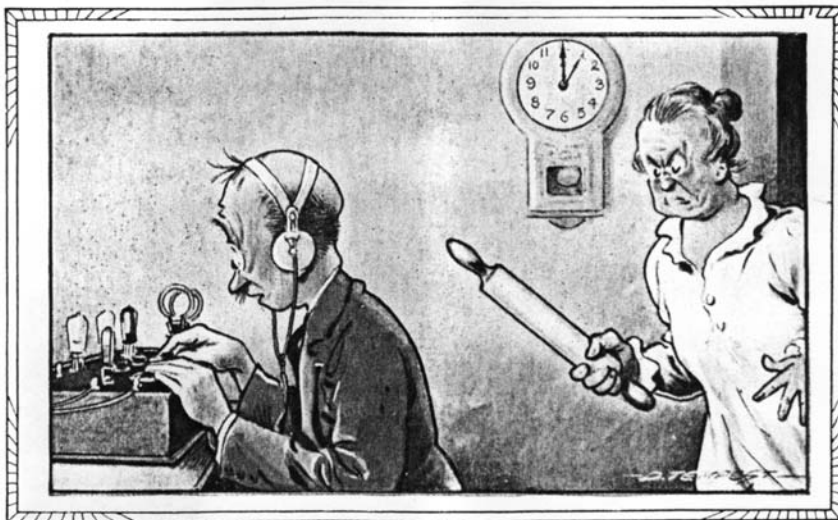
Step 2.



Using an O1A to estimate the proper placement, punch a small nail through the tubing and clip off the excess. What is left will serve as the small positioning pin found on the side of the O1A base. Place the tubing around the 30 tube base, including the small piece if necessary.

Now wrap the electricians tape around the tubing. We now have a base on the 30 tube that fits the O1A socket. One final suggestion: To keep the tube from turning in its new base, apply to the tube base either a couple of drops of glue or double backed masking tape.

JUST A MINUTE, MARY --- I'M SURE I'M GOING TO GET
SOMETHING IN A SECOND!



Ever consider collecting postcards that are radio related



RM AWA
Box 17311
Denver, CO.
80217

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