



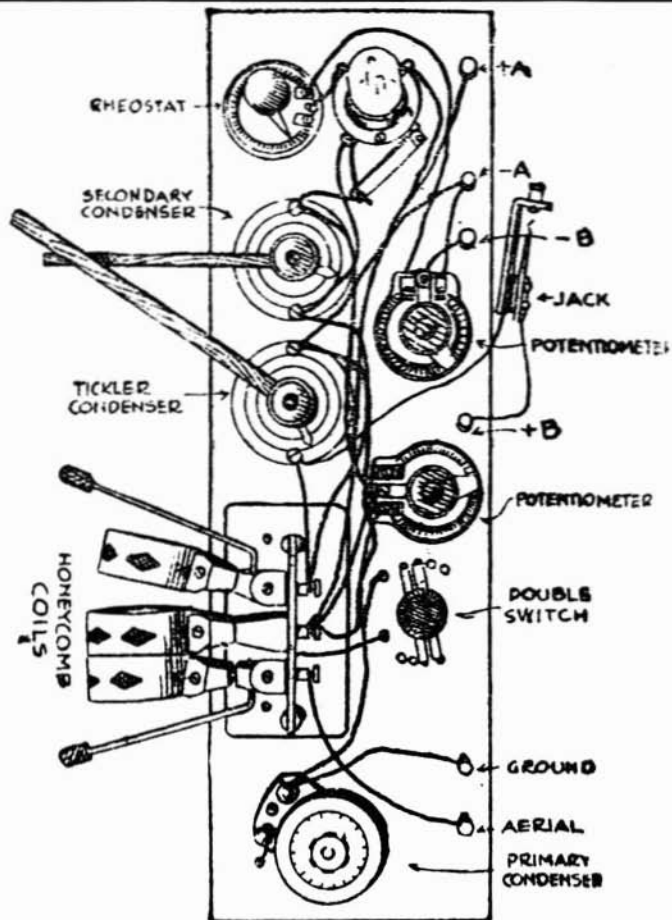
RADIO LOG

MARCH, 1978

Vol. 1

ROCKY MOUNTAIN ANTIQUE WIRELESS ASSOCIATION

Log 1



RADIO IN THE HOME

BY HENRY M. NEELY

This is a method for roughly hooking up the honeycomb coil set to test out various ideas. The long thin sticks are fastened to the dials of the variable condensers so, as to avoid the electrical influence of the hand while tuning. This is known as "body capacity."

(See story on page 6)

Schedule of Events

March 17, 7:30 p.m. Southwest State Bank

Part one: Open discussion and referendum for all R.M.A.W.A. members on contest categories and judging.

Part two: Seminar by Lee Bruton "Preparing for a Radio Contest".

Your attendance of this meeting will be an early warning for our May event.

April 21, 7:30 p.m. Southwest State Bank

Part one: Final preparations for the May event.

Part two: A limited contest—R.C.A. only—display and judging with awards.

May 20 and 21, 10:00 a.m. Saturday until 4:00 p.m. Sunday
Westland Shopping Center 10400 West Colfax
(West Colfax and Oak St.)

——— A public display and Radio Contest ———

Bring your prepared category entries, your club name tag, and possibly a folding chair. If you have a club patch, you might want to wear it. Everything has been kindly furnished by the Westland Center.

As for security we have a roped off area attended by our members during the show. Saturday night the area will be locked and guarded from the inside.

June, Saturday or Sunday—To be announced—

Picnic, consignment auction, and swap meet.

(Schedule cont. on page 7)

Our Staff

PRESIDENT : Doug Furney

VICE PRESIDENT: Bill Miller

SEC. OF TREASURER: Barney Wooters

EDITORS: Lee Bruton and Sherry Harmon

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.

15TH ANNIVERSARY ZENITH **Advancements and exclusive features that set the standard of ZENITH leadership**

1. Screen-Grid Circuit.
2. Genuine Automatic Tuning.
3. Double-Push-Pull Audio Amplification.
4. 12-inch Syntonic Dynamic Type Speaker.
5. Automatic Volume Control.
6. Automatic Station Indicator.
7. Selectivity Adjustment.
8. Remote Automatic Control.
9. Linear Power Detection.
10. Self-Healing Condenser.
11. Low Noise Level and Line Noise Minimizer.
12. Phonograph Switch.
13. Humanized Tone.
14. Super Sensitivity for Long Distance.
15. Super Selectivity for City Use.

Investigate! Compare!



Model 55

Here is not merely the last word but the future word in radio—Zenith REMOTE AUTOMATIC CONTROL. The remote automatic tuner enables you to automatically tune in the desired station from any point in the house—and at any volume desired. Simple in operation—proven by unceasing tests. And in addition Model 55 gives you ALL of the new Zenith features. The magnificent cabinet is of Italian Renaissance design so desirable in the homes of lovers of beautiful furniture. Acoustically correct and constructed of the finest quality and individually selected butt matched walnut veneers, selected striped walnut and solid walnut. The instrument panel is of rich Carpathian elm burl. Model 55 (for 60 cycles, 110 volt, A. C.) employs nine tubes including rectifier as follows: 3-UY 224 screen grid, 3-UY 227, 2-UX 245 and 1-UY 280 (rectifier) tubes. Cabinet measures 18 $\frac{3}{8}$ " deep, 39 inches wide and 50 inches high. Price, less tubes..... **\$700**
 Model 552 same as above except for 25 cycle, 110 volt, A. C. operation. Price, less tubes..... **\$700**
 (Western United States prices slightly higher.)

DISCOVERIES

In February I ran an advertisement for old radios, etc., in the "Labor Advocate" and throughout the weekend I purchased a nice Victoreen set, a near mint Brunswick console, a 103 RCA speaker, a Kolster "treasure chest" radio, a 1922 book on Radio, and a good number of tubes (01A's, 26's, etc.)

So try an ad in your local trade, union, or whatever newspaper. It was well worth my time.

Good hunting,
Lee Bruton

Speaking of Tubes. . .

TELEPHONE 4467 MURRAY HILL

CABLE ADDRESS RADIOTEL N. Y.

DE FOREST RADIO TELEPHONE & TELEGRAPH CO.

101 PARK AVENUE

NEW YORK

May 10, 1915



Mr. R. Opie,
Langdon, No. Dakota

Dear Sir:-

In compliance with your request of recent date we are enclosing herewith bulletin "B15" describing a number of the patented instruments which we manufacture for private use, and giving net prices f.o.b. New York City.

The official report of the United States Bureau of Standards, to which reference is made in this bulletin, has shown that the audion detector is fully 50% more sensitive than any other known form of detector.

The audion amplifier is used in connection with any type of detector, preferably an audion detector, and increases the intensity of received signals from five to ten times, bringing in signals from stations which cannot possibly be heard without its use.

In compiling this 16-page bulletin we have included all information which is necessary for a complete understanding of our apparatus and we suggest that you read it through very carefully so that you may understand fully the great value of these instruments and the complete instructions given for operating them.

Thanking you for the inquiry and hoping to receive your valued order, we are,

Very truly yours,

DeFOREST RADIO TEL. & TEL. CO.

Enc.

ABC'DS


SALES MANAGER

VISITORS TO THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION ARE CORDIALLY INVITED TO INSPECT OUR EXHIBIT.
BLOCK 6. S. W. CORNER, PALACE OF LIBERAL ARTS.

DETUNE INSTRUMENTS WHEN NOT BEING USED

For the benefit of receivers far distant from a broadcasting station, operators from around the point of reception, especially those who use crystal sets, should detune their instruments when not in use.

Each receiver consumes a certain amount of energy of radio waves and the waves become weakened by the time they reach a listener miles and miles away.

\$60,000,000 SPENT YEARLY ON RADIO

Between \$50,000,000 and \$60,000,000 is spent every year for radio equipment and supplies in the United States.

NEW JERSEY PUPILS MAKE 4,000 SETS

More than 4,000 complete radio receiving sets have been made by the pupils in various schools in New Jersey.

KING GEORGE PLANS INSTALLING RADIO IN ROYAL PALACE

King George of England is considering installing a radio transmitting set in his private apartment at Buckingham palace, so he can address public meetings.

These articles appeared in The Denver Post on Sunday, May 6, 1923.

American Navy Maintains 9 Alaska Radio Stations

The United States navy maintains nine radio stations in Alaska, all situated along the coast, to serve the navy and vessels of the merchant marine in Alaskan waters, as well as to maintain contact with the Pacific coast and the United States.

PROSPECTIVE JURORS CANNOT 'LISTEN IN'

Prospective jurors on murder cases in California are not permitted to listen into radio broadcasted accounts of the crime.

LOOP AERIAL FAVORED BECAUSE IT IS EASILY PUT UP IN LITTLE SPACE

Because of its small size and its ease of erection, the loop aerial is rapidly gaining in favor over the outdoor antenna. Directional loop aerials have been known to have tuned in stations over 3,000 miles distant.

A good thing to remember, however, is that a loop in a wooden building will function better than one in a steel structure.

This story appeared in The Minneapolis Journal on Thursday, December 28, 1922.

The condensers which I show in this illustration are what are known as "table mounted" types--that is, they can be set flat on a board and screwed down or can be used the same way on the front of a panel, but they are designed to have the plates on the back of the panel and the knobs on the front. They are very neat and compact units molded into a solid form and the 23 plate type is scarcely larger than the dial and knob which you will find on your panels.

I strongly advise the beginner to use this hookup first with only one bulb until he becomes thoroughly acquainted with it. He can then take another one of the hookups recently given, one showing one stage of audio frequency amplification and the other showing two steps, and try them and later can adopt the single step of radio frequency using a "tuned late circuit" which I described not long ago.

With this outfit the whole world is right in your home and you will have not only the concert broadcasts but everything up to the trans-Atlantic stations, providing you make a collection of the proper sized coils.

These coils are usually referred to according to the number of turns of wire around them and there must be a combination of three--the primary, secondary and the tickler--and it is also necessary to know whether the double switch shall be set on the series or parallel position. Following are the usual combinations;

For the amateur station wave lengths from 145 to 350 meters, 35 turns for the primary, 25 for the secondary and 35 for the tickler; double switch in series.

For the broadcasts and ordinary commercial stations wave lengths from 300 to 700 meters, primary 75, secondary 50, and tickler 35; double switch in series.

For navy land station arcs, wave length 4,200 to 6,300 meters, primary 500, secondary 400, tickler 200; double switch in parallel.

Foreign and press wave length 13,600 to 21,000, primary 750, secondary 1,250, tickler 400; double switch in parallel.

Events continued . . .

July, Saturday/ Sunday

Operating meet and contest with night DXing,
overnight camping, fresh air and fun.

August 18, 7:30 p.m. Southwest State Bank

Part one: Award for the operating meet.

Part two: Limited contest—Atwater Kent only—

September 15, 7:30 p.m. Southwest State Bank

Part one: Vacuum tube seminar by Barney Wooters.

Part two: Vacuum tube swap meet.

October 20, 7:30 p.m. Southwest State Bank

Restoration

Part one: Wood by Ron Harmon

Part two: Panels and knobs by Ken Hardy

Part three: Electrical by Bill Miller

November 17, 7:30 p.m. Southwest State Bank

Part one: Seminar to be announced

Part two: Nomination of Club Officers

December 15, 7:30 p.m. Southwest State Bank

Part one: Critical Critique of the past years events by
all members.

Part two: Election of Officers for 1979

January, Banquet and Radio accessories, gimmicks and gadgets
contest.

February, Seminar on A.C. sets, the do's and don'ts of power by
Doug Furney.

**If you have pictures, stories, news,
etc., that you would like printed in the
Radio Log, send them to : Lee Bruton
(Editor) 16500 W. 12th Drive Golden,
Colorado 80401**

Lee Bruton still has club patches for members at \$3.25 each. You can get one by coming to the meetings or by calling Lee at 278-2646.

MEMBERS:

We would like to have a full page of classified ads in the next issue. Place yours FREE in the June newsletter by calling Doug at 238-4181.

WANTED:



Herald Speaker
wanted. Call
Lee at
278-2646