

LISTEN IN ON EVERYWHERE

WITH A CONTINENTAL RADIO SET

THE FASCINATION DERIVED FROM OPERATING THIS SET IS ASTOUNDING. TURN THE DIAL A LITTLE AND YOU DROP ATLANTA AND PICK UP REGINA. ANOTHER TURN OF THE DIAL AND YOU MAY HAVE SAN FRANCISCO OR BOSTON.

INEXPENSIVE - SIMPLE - EFFICIENT - GUARANTEED

CHEAPER: Because two expensive and elaborate instruments the vario coupler and variable condenser have been eliminated entirely. Because the purchaser does his own connecting (which is easy to do). Because the volume of our business and our low overhead saves you money.

EASY TO OPERATE: Because there are only two adjustments after the filament current is turned on. Nothing to get out of order. Any person can get long distance stations.

EFFICIENT: Because the parts have been specially selected to work together perfectly. They form the most practical combination possible. Because selective tuning is easy.



Set	Without Extras	\$24.00	Set	Including Head Phones, Vacuum Tube, "B" Battery and Aerial Outfit	\$37.00
CONTINENTAL SET			Ready to operate, including Head Phones, Aerial, New Mercury Tube, and all Batteries	\$42.00	
Enclosed in Highly Finished Cabinet, \$3.00 Extra					



Radio Engineers Long Distance Receiving Set



After the filament current is turned on (by the rheostat in the center) there are only two other adjustments. The dial on the left controls the wave-length, while the corresponding one at the right increases or diminishes the loudness of the music or voice. This set is remarkable for its simplicity of adjustment and loud, clear signals.

Instruments and Parts Used in Assembling Sets

Panel is furnished with all instruments mounted at exactly the proper distance apart and extended from the panel and shield. All you need to do is to connect the aerial, the ground, the batteries, phones, and instruments which any school boy can readily do. Complete instructions for both connecting and operating are furnished.

Two Variometers. Made of well seasoned wood, kiln dried, wound with small wire and minimum space between rotar and mounting. Properly insulated and no contacts which can corrode as flexible cable is used.

Two Knobs and Dials. Neatly enameled bakelite or hard rubber. Guaranteed not to warp.

One R. E. Antenna Series Condenser. Perfected by us after years of experimenting. It is the only one on the market and can be secured only from us or our dealers.

One R. E. Tested Grid Condenser.

One R. E. Tested Phone Condenser.

One Vacuum Tube Socket. Porcelain.

One Rheostat with finished knob and indicator.

Eight Binding Posts. Nickel plated.

One Mahogany Panel, 14" x 5". Finished with three coats of the highest grade insulating varnish. The back of the panel is lined with metal to eliminate all "squealing" and "howling."

One Vacuum Tube Detector, U. V. 200 Radiotron.

One Pair Head Phones, 2000 ohms. Additional phones can be connected to the set so a number of people can listen in at the same time.

One "B" Battery, 22½ volts. Tapped for selectivity.

One set of Aerial Equipment. 150 ft. hard drawn copper wire, aerial connector, three insulators, ground wire and clamp.

One Storage Battery. 6 volt 60 ampere, price \$12.50.

6 volt, 86 ampere, 9 plate, \$15.00. Any automobile battery can be used.

Storage Battery can be eliminated by using what is commonly called a peanut or pickle tube (W. D. 11) in place of the Radiotron (U. V. 200). The pickle tube burns only 1½ volts and operates on dry cells. Add \$2.50 for tube and adapter and dry cell. These W. D. 11 tubes are tested before being shipped and while a large number of operators get very satisfactory results with this tube, our guarantee applies only when the standard Radiotron (U. V. 200) tube is used.

CAUTION: This set should not be confused with others on the market employing a crystal detector. Crystal detector sets are only satisfactory for distances not to exceed 20 miles from a powerful Broadcasting station. The ONLY Radio sets that will receive over great distances are those that are equipped with vacuum tube detectors, and such sets when bought complete usually sell at \$75 to \$200. When comparing prices with other sets note that we include the Vacuum Tube, Head Phones, Aerial equipment, "B" Battery and Storage Battery, essential to every long distance set. Many sets are sold as complete without these instruments and unless it is stated that they are included you will not receive them from others.

While this set is highly satisfactory as it stands the strength of the signals can be increased about ten times by adding a one stage amplifier. To operate a loud speaker (the Magnavox or the Westinghouse phonograph attachment) two stages of amplification are required. Amplifiers can be added a stage at a time without additional cost. We recommend that you become familiar with the receiving set and then add the amplifiers later as you become more experienced. Too many people are buying sets for \$200 or more that are so complicated that they never can get any distant stations on them.

Enthusiastic Letters From a Few Users

CITIZENS SAVINGS BANK Spillville, Iowa

Your Radio is a wonder. Please send me by P. P. at once to match R. E. set, One stage amplifier. I enclose draft.
A. A. NOVAK, Cashier.

FIRE & MARINE INSURANCE CO. Winnipeg, Man.

Last night I tuned in on St. Louis, 950 miles from here, and the entire program came in clear. I think, considering I am using only one tube, the results are remarkable.

P. A. CADERE

Sarona, Wisconsin

I have had fine success with my set. I am now getting signals very plain from all parts of the country. I get the Minneapolis Market reports every day. A lot of people around here are surprised at the loudness in the phones when I have no amplification. Some sets costing considerably more can not seem to do it.

RAY RILEY

BLACKDUCK STATE BANK Blackduck, Minn.

Please ship one Radio Set like the one shipped to me about a month ago. Might say that we are getting a lot of enjoyment out of the set we have. We seem to have no difficulty in getting distant stations every night. The music we get is particularly clear and sweet and to me the set is worth many times what we paid for it.

I. J. HAUGE, Cashier

STANNARD STATE BANK Taylors Falls, Minn.

I am very much pleased over the results obtained from the Radio Set which I purchased from you a few days ago. Oklahoma City is one of the first stations we heard. Can the set be improved by adding a two step amplifier? This means nothing to me except that some of my friends recommend its use in "severe cases" of "Radio Fever."

F. W. HOBART, Cashier.

FIRST NATIONAL BANK Pine River, Minn.

Your set came yesterday morning and by five o'clock we had the aerial up, the machine all connected, and were listening to Minneapolis. After supper, we heard Chicago, Dallas, St. Louis, Davenport, Kansas City, St. Paul, Fort Worth, Madison, Duluth, Jacksonville, St. Anthony and Minneapolis. I wish to say that we are more than pleased with the set. It is better than you represented. If there is anything more I could say recommending this little machine, I would be glad to do so, as the outfit is worthy of a lot of praise.

JOHN B. MARTIN, Cashier

LANESBORO, MINN.

The first night with your set we got Cincinatti, Kansas City, Atlanta and Dallas. The music from Dallas could not have been plainer nor more beautiful.

DR. A. P. LOMMAN.

STATE BANK OF DANVERS Danvers, Minn.

We have received set ordered from you and are well pleased with the results obtained. Already we have heard Atlanta, Ft. Worth and Dallas, Detroit, St. Louis, Kansas City and Minneapolis.

D. L. CONNOLLY, Ass't. Cashier

FIRST NATIONAL BANK Neillsville, Wis.

I am more than satisfied with receiving instrument bought of you. I can hear from nearly the whole U. S. Parties who come to listen are surprised at results achieved. I am certain there will be some more of your instruments sold in this vicinity. I am getting better results with my set than many other fellows with two step amplifiers.

CARL STANGE, Ass't. Cashier

CHRISTIENSEN INDEPENDENT ELEVATOR Kasson, Minn.

We haven't failed one day yet to get the market reports at the office and taking the set home at night we get long distance stations just as plain as Minneapolis. We are greatly pleased with the set and the rest of the fellows here in town that have got these higher priced sets think this set is very good and can compete with their sets that cost as high as \$400.00.

C. CHRISTIENSEN

Fergus Falls, Minn.

In addition to the stations I wrote you about I have heard Fresno, Los Angeles and Portland very plainly. My list now totals about thirty cities. I talked to Miriam Anderson this morning and he has a long list he is going to send in to you.

JESS L. SPROUT

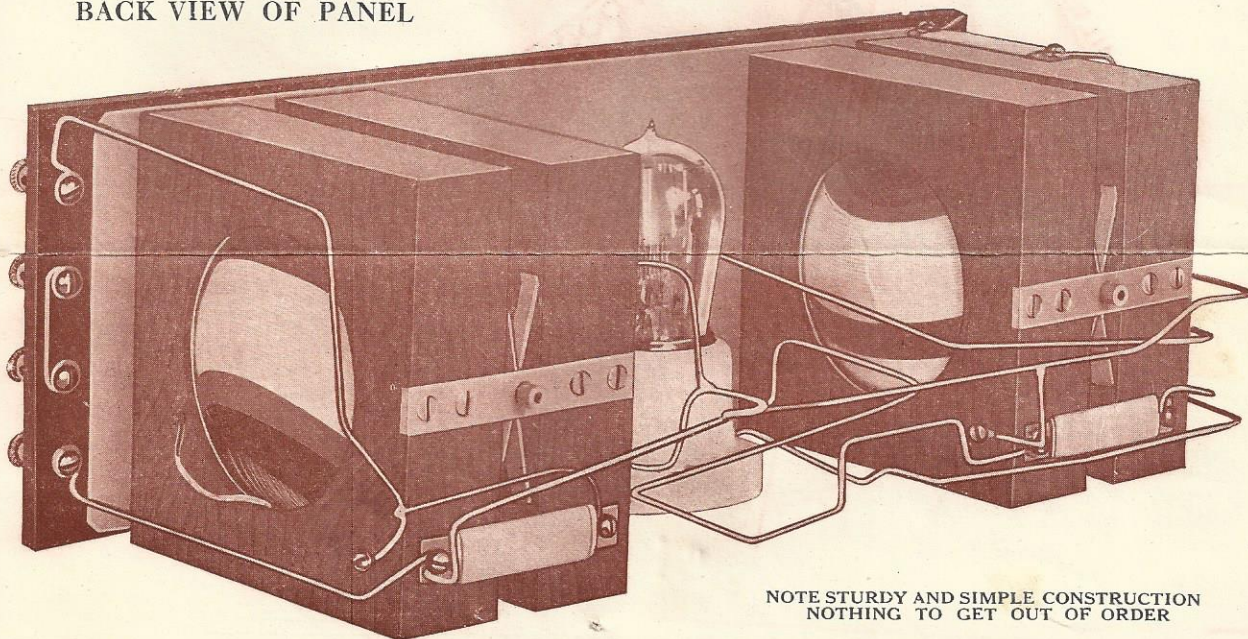
CANADIAN PACIFIC RAILWAY Souris, Manitoba

We received a most excellent program from Kansas City which seemed to lose nothing in coming to us over all that distance. Every intonation was plainly audible, tho my wife and I had the headset divided so the both of us could hear.

I think that paying the high duty on your set was a good investment as I have heard Chicago, St. Louis, Wichita, Fort Dodge, Salt Lake City, Great Falls, which others with much more expensive sets, are not getting.

C. W. FISHER, Chief Dispatcher.

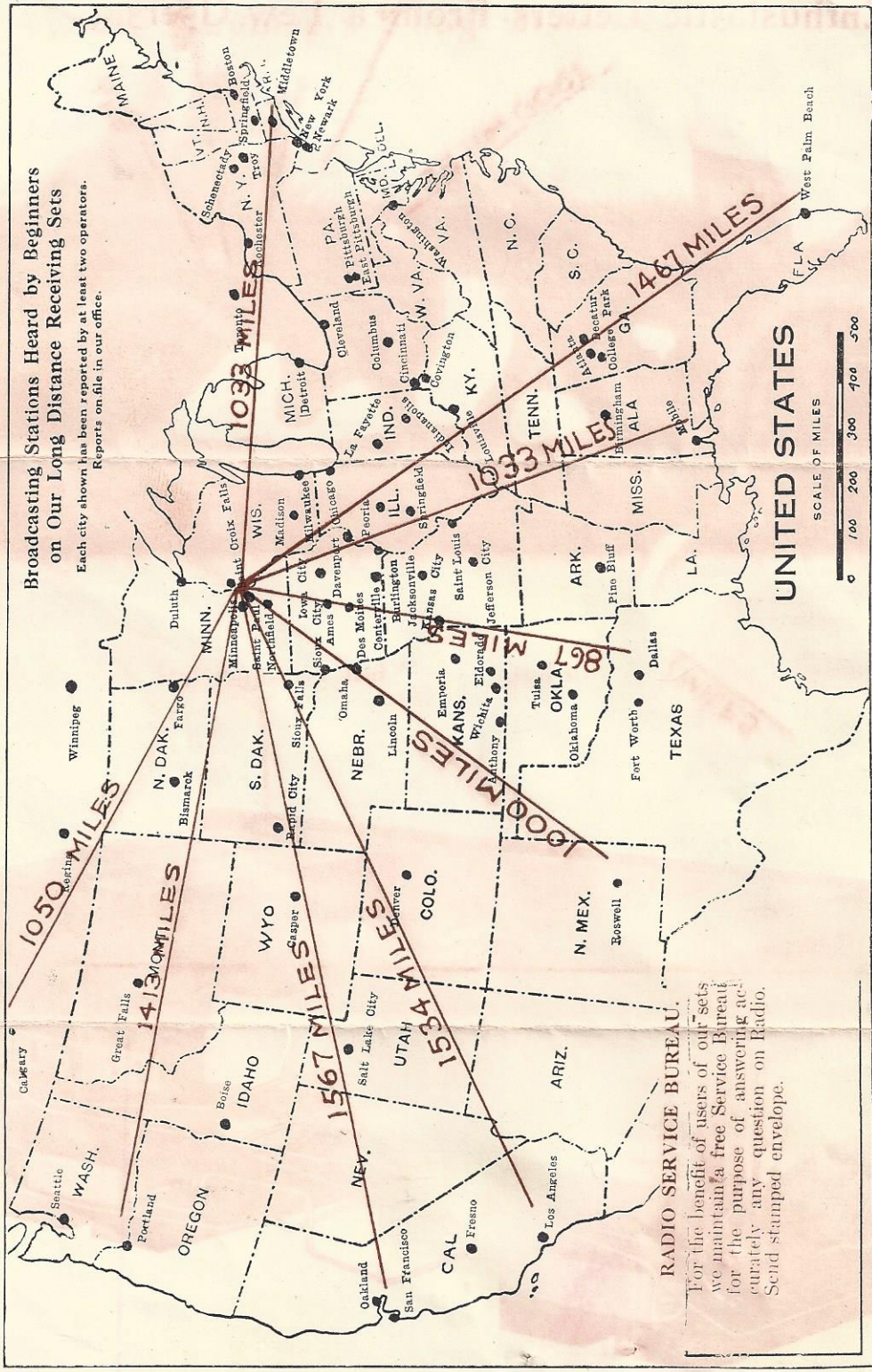
BACK VIEW OF PANEL



NOTE STURDY AND SIMPLE CONSTRUCTION
NOTHING TO GET OUT OF ORDER

Broadcasting Stations Heard by Beginners on Our Long Distance Receiving Sets

Each city shown has been reported by at least two operators.
Reports on file in our office.



UNITED STATES

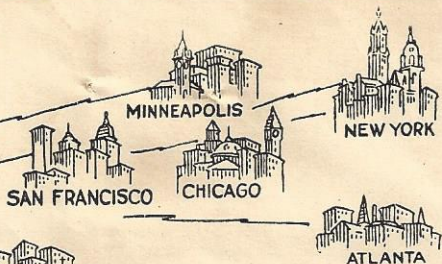


RADIO SERVICE BUREAU

For the benefit of users of our sets
we maintain a free Service Bureau
for the purpose of answering accu-
rately any question on Radio.
Send stamped envelope.

NEW MERCURY TUBE—LATEST IMPROVEMENT IN THE RADIO FIELD INCORPORATED IN THE CONTINENTAL SET

The new mercury tube is furnished with the Continental Set complete with all batteries, phones, aerial, insulators, ground at \$42.00. This mercury tube has a tungsten filament and lasts five times longer than other tubes. It has a very low power consumption as it uses only a fourth the amount of electricity of other tubes. Wonderful results can be had in using the Continental Set with dry cells equipped with the mercury tube. Former dry cell tubes have not given as effective results as standard tubes and they had the tendency to burn out without warning or excuse. All the expense and trouble of a storage battery is now eliminated but the mercury tube can be used interchangeably with dry cells or storage battery. All the latest ideas developed by Radio Engineers are incorporated in Continental Sets but the price is always lower than other sets which give the same results.



A TURN OF THE DIAL
YOU LEAVE ATLANTA AND
HEAR THE PACIFIC COAST

CONTINENTAL RADIO

EFFICIENT - LOW PRICED
SIMPLE - GUARANTEED

GET A SET
LISTEN IN ON EVERYWHERE

CONTINENTAL RADIO SETS

Embrace the very latest improvements developed by Radio Engineers. Will bring in stations all over the continent—plain, clear and loud. Complete instructions for erecting aerial, tuning, etc., are included together with a Radio Directory listing all U. S. Broadcasting stations.

Guaranteed on a money back basis to be free from all defects and to receive from 500 to 1500 miles.

Continental Radio Sets furnished with the new Mercury Tube which operates from dry cells or storage battery, and will not burn out.

SET WITHOUT EXTRAS **\$24.00**

Complete Set PHONES, AERIAL \$ **42.00**
MERCURY TUBE,
ALL BATTERIES

HIGHLY FINISHED CABINET \$3.00 EXTRA.

ALL OVER THE CONTINENT—ALL YEAR AROUND

CONTINENTAL RADIO COMPANY

Formerly Radio Engineers

**527 Marquette Avenue,
Minneapolis - Minn.**