

RADIO BROADCASTING RECEIVER, MODEL ER-753



"Listening in" with Radio Receiver, Model ER-753

ALL that radio broadcasting has to offer from the opera to dance music, from discourses by world-famed lecturers to bed-time stories for the youngsters, is brought into your home by this simple receiving set. You listen to the news of the day, market reports and time signals sent out by United States Government stations; you hear popular entertainers in person singing their hits of the day, or telling jokes; in a word, the world's celebrities become visitors to your home and friends of your family. And best of all you need learn no code or have any electrical knowledge—simply run a wire into the air and connect another in the ground and you have at your command, news, instruction and entertainment.

Compact and Portable

The unit may be used with the antenna equipment described in the following pages and which may be installed by either novice or expert in a very short time.

The front panel is made of a high-grade insulating material radially embossed as shown in the accompanying illustration. By merely sliding this panel from its normal position, the metal cabinet may be opened to receive the telephone headset supplied. This arrangement makes the set completely portable. When it is not in use, it may be closed up so that there are no exposed loose wires.

An indicator on the front of the panel is turned when it is desired to hear signals from different stations. By means of this simple control you change from one station to another and bring in signals from any station at

their greatest strength. At the same time possible interference from other stations is avoided.

This practical receiver covers a band of wave lengths from 180 to 700 meters in two steps. The antenna connections for these two ranges are clearly indicated on the front panel. These ranges are from 180 to 400 and 300 to 700 meters respectively.

This outfit is sold with one pair of telephone receivers, but several pairs may be employed in conjunction with the four point telephone jack UD-486. Where this jack is used each pair of telephone receivers should be connected with a telephone plug UD-824. The method of employing this jack and plug system is fully described elsewhere.

Easy to Install and Operate

Radio receiver ER-753 may also be used in conjunction with the amplifying apparatus described in this book. When the proper antenna is used and the distance from a broadcasting station does not exceed 20 or 25 miles, the addition of vacuum tube amplifying apparatus in this instance, permits the use of a Vocarola loud speaker or the phonograph attachments described on page 55.

This receiving outfit is complete and is so simple that even a child can easily learn to operate it. Within its range amateur and commercial stations can be heard, but its greatest application is found in securing at a very small cost all the enjoyment radio broadcasting makes possible.

This compact receiver is a product of the General Electric Company.

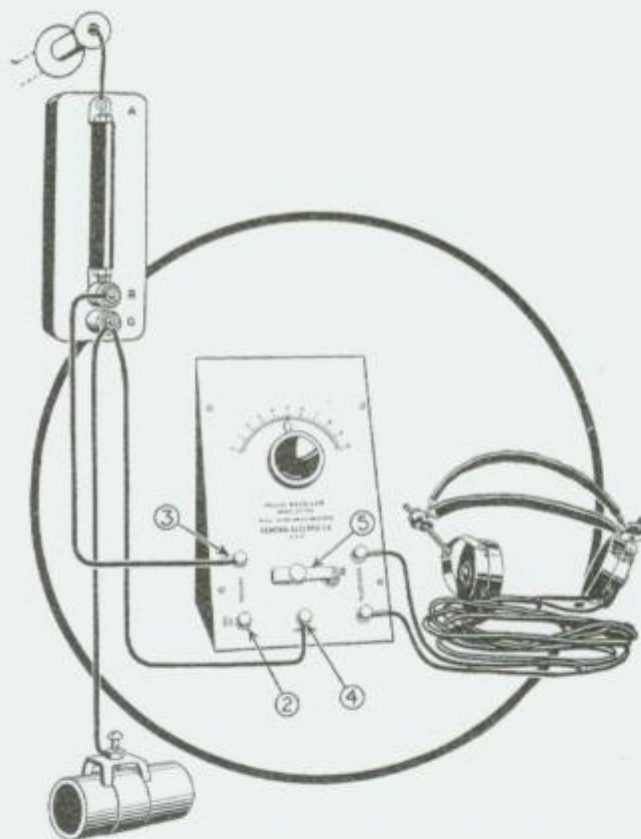


Radio Receiver Model ER-753 is furnished with a pair of high grade Head Telephone Receivers.

A compact and effective receiver for short distance reception.

Ideal for use in cities served by a local broadcasting station.

OPERATING INSTRUCTIONS FOR RADIO RECEIVER ER-753



Text numbers correspond with above diagram.

- No. 1. First, refer to accompanying sketch, then erect antenna and place protective device in position as described on page 56.
- No. 2. For 180 to 400 meter range, connect a wire from terminal R of protective device to this binding post.
- No. 3. For 300 to 700 meter range, connect this post to terminal R of protective device.
- No. 4. Connect this post with terminal G of protective device.
- No. 5. Adjust detector movable arm and thumb screw until minerals just touch each other. Slowly move large knob pointer over scale. When signals are heard make further adjustment of the movable contact on the detector.

Note: As crystals are rubbed together, a black deposit appears on the movable crystal, decreasing the sensitivity of the set. This deposit may be scraped off lightly with a knife. Further precautions regarding the care of crystals are pointed out in Part 4 of this book.

Complete Radio Broadcasting Receiver, Model ER-753, 180-700 meters, with Head Telephone Receivers, Antenna Equipment and Full Instructions\$25.50
Radio Broadcasting Receiver, Model ER-753, as above less Antenna Equipment.....\$18.00

Dimensions: 8 in. x 5½ in. x 5 in.

Weights: Net, 5 lbs.; Shipping, 10 lbs. with Antenna Equipment, 17 lbs.

NOTE: For Prices of other Complete Receiver Combinations, see page 35.