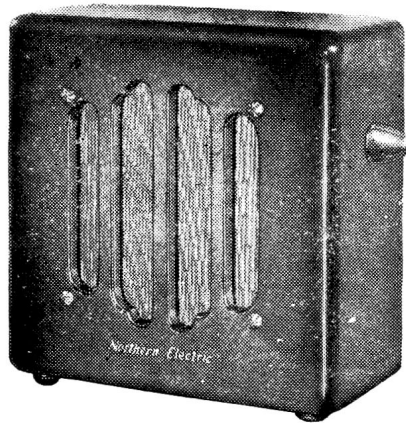


Model 032

Extension Loudspeaker



This unit has been designed so that it can be operated from any radio receiver equipped with a dynamic loudspeaker. Easily installed, it increases the usefulness of a receiving set by making possible the reception of programmes in two different parts of the home. A separate volume control, mounted in the speaker cabinet, together with a switch, enables one to listen to both loudspeakers at the same time or to either loudspeaker alone. The receiver volume control regulates the sound level from the receiver loudspeaker, while the loudspeaker control varies the output of the remote loudspeaker.

INSTALLATION

Please refer to the installation and wiring diagram, Fig. 1.

Installation is relatively simple. The unit is supplied completely wired so that it is only necessary to make a few soldered connections.

Place the unit at the location where it is intended to operate and run the wiring back to the location of the receiver, fastening it to the wallboard at regular intervals by means of the insulated staples provided. Cut the line to length and connect it to the two terminals on the terminal bracket, which should be screwed down at the back of the cabinet. Unsolder one of the leads going to the receiver loudspeaker from the output transformer and solder it to the blue lead coming from the terminal bracket. This joint should be taped. Solder the black lead from the terminal bracket to the loudspeaker lug which goes to the side of the voice coil and which is still connected to the output transformer. Solder the red lead to the other side of the receiver loudspeaker voice coil. Should the length of cable provided be insufficient, additional 50 ft. lengths can be obtained from your dealer under the part No. K-2782-2.

SERVICE DESCRIPTION

RECEIVER LOUDSPEAKER SWITCH.—This is a two-position switch mounted on the terminal bracket. Pushing it toward the terminals disconnects the receiver loudspeaker while allowing the remote loudspeaker to function. In its other position it connects the receiver loudspeaker in circuit allowing both loudspeakers to operate. **VOLUME CONTROL.**—The volume control, mounted on the extension loudspeaker cabinet, controls the volume of sound coming from the unit. Turning the control in a

clockwise direction increases the intensity of the sound, while in its most counter-clockwise position it shuts the loudspeaker completely off, making it possible to listen to the receiver proper without having the extension loudspeaker in operation.

The receiver volume control which controls the volume of sound coming from the receiver loudspeaker also limits the level at which the extension loudspeaker is able to operate. Hence the remote speaker volume control will only vary its volume level from zero to a value approximately equal to that at which the receiver proper is operating. Note that it is most important to keep the receiver volume control turned down below the point where the receiver distorts, since if it is turned up further than this, the sound coming from the remote speaker will be distorted regardless of whether its volume control is turned down or not.

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REPLACEMENT PARTS

PART No.	DESCRIPTION
K-4053.....	Cabinet
K-4036.....	(30 ohms) Volume Control
K-4029.....	Switch
K-3749-2.....	Terminal Strip.
K-4063-1.....	3-ohm, 1-watt resistor.
K-2782-2.....	50-ft. lengths of cable.
K-2960-2.....	Loudspeaker only.

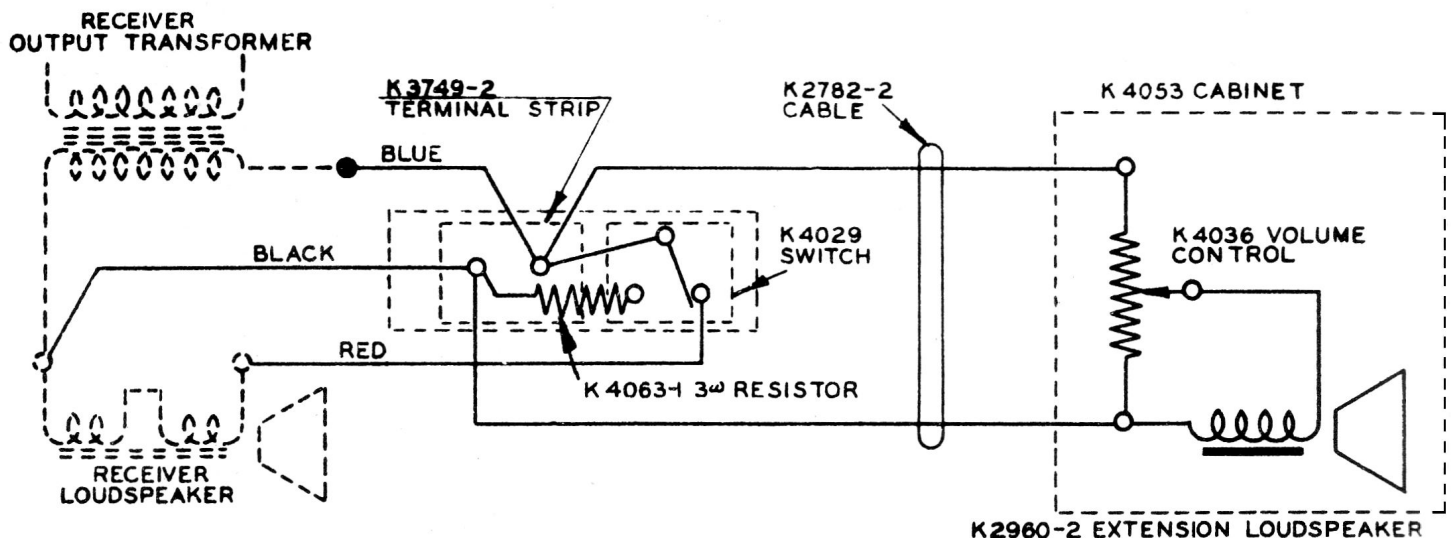


Fig. 1. INSTALLATION AND WIRING DIAGRAM