

Installing Instructions
TYPE 43 MONOPHONE

BULLETIN 673



AUTOMATIC  ELECTRIC

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TYPE 43 MONOPHONES

Installing Instructions

GENERAL

The Type 43 Monophone may be used as a complete telephone instrument with the associated ringer box. It may also be used as an extension set, with or without the ringer.

The Monophone may be mounted on a desk, wall, or other flat surface as a post or column. By using a special "L" bracket (supplied when specified), it may also be mounted at the end of an abutting wall or partition which projects into a room.

To simplify mounting, a number of knockout holes have been provided in the Monophone case and a steel pin is included with each set, to be used as a knockout tool. However, before knocking out any of these holes, the exact position for mounting should be decided upon and then only the necessary holes knocked out.

MONOPHONE CASE

Three main parts comprise the Monophone case, a back section or base, upon which the telephone components are mounted; a front upper section containing the dial; and a front lower section which serves as a cover. The back section should not be removed from the front upper section. To gain access to the Monophone, remove the cover as explained in the next paragraph.

REMOVING THE COVER

Loosen the "non-losable" screw marked COVER SCREW in Fig. 1. Remove the cover by carefully sliding it away from the dial housing.

REMOVING THE DIAL

The dial (or dial blank) need only be removed if the Monophone is to be mounted flat on a wall, or mounted using the "L" bracket. To remove the dial, first remove the cover and loosen the two set screws marked DIAL SCREW in Fig. 1. Carefully raise the dial assembly from the dial housing. Do not put undue strain on the wires attached to the dial mechanism.

DESK MOUNTING

For desk mounting, the preferred position is usually the front left corner as in Fig. 2. The dial faces inward just above the desk top and the handset hangs even with the front edge of the desk or extends slightly beyond.

For mounting in this position, the three pairs of knockout holes marked "A" in Fig. 1 have been provided in the cover. By means of these holes the dial may be set at any one of three different levels above the desk top. The front of this bulletin shows a finished desk-mounted job. Knock out the holes from the inside as required, using the knockout tool. The

hole to be knocked out should be placed over an open space with support around the edges, and the knockout pin given a sharp blow.

Mount the cover on the side of the desk with two suitable screws. If a ringer is not used, run the line wires directly to the Monophone terminal strip, passing them through the opening provided in the case and underneath the cord clamp. Make all connections in accordance with the circuit label supplied with the Monophone. If a ringer is used, see paragraph below for wiring instructions. With the conductors attached, slide the Monophone base into place on the cover. Tighten the COVER SCREW.

WALL MOUNTING

For mounting the Monophone flat on a wall or other surface, three knockout holes have been provided in the base. Two of these, marked "B" in Fig. 1, are in the upper portion and are accessible only upon removing the dial. The third, marked "C" in Fig. 1, is in the lower part of the base.

At least two of the three holes in the base should be used to mount the Monophone, preferably the "C" hole and one of the "B" holes. Use screws suitable for the surface upon which the Monophone is to be mounted. Fig. 3 shows the Monophone mounted flat on a wall.

"L" BRACKET MOUNTING

Figs. 4 and 5 show the mounting arrangements possible using the "L" bracket. In these cases the two "B" holes behind the dial must be knocked out.

Locate and mount the bracket with three suitable screws. Then mount the Monophone base onto the bracket, using the two #8-32 x 5/16" R.H.I.M. screws supplied with the bracket. Pass the screws through the Monophone base on the inside and thence into the bracket. Tighten securely.

RINGER BOX - WIRING AND HANDSET INFORMATION

When used, the associated ringer box may be mounted under the desk, on the wall, or in any convenient location. Run the line wires directly to ringer box terminal strip--not to Monophone. Then run the cord assembly, supplied with the ringer box, to the Monophone terminal strip. Make all connections in accordance with the circuit labels supplied with the Monophone and the ringer box.

For information regarding the handset, see those sections of Bulletin 650 which deal with the transmitter and receiver units.

PLUG BUTTONS FOR UNUSED HOLES

Should the Monophone at any time be moved to a new mounting position, exposing knocked out holes, these may be covered by the use of "United Carr Fastener Corporation #50626, Black Finish Brass Plug Buttons," per A.E.Co. Drawing D-57125.

