

## The Type 34A3B Desk Monophone



Type 34A3B Monophone—Automatic  
Cat. Nos. AA-65 and AA-66

Because of its popularity with both the operating man and the telephone subscriber, many companies in recent years have standardized on the Type 34A3 Monophone for all installations where a self-contained desk-type instrument can be used. For such companies, we now offer a new instrument combining the basic design features of the Type 34A3 Monophone with the improvements provided in the new Type 41 Monophone handset. The base of the Type 34A3B Monophone is identical with that of the Type 34A3, except that the base molding is especially shaped to accommodate the Type 41 handset. Thus, the telephone company retains the advantages of standardization in circuit and in most of the major components; the use of the new handset results, however, in marked improvement in transmission quality and volume, and provides better comfort and "feel" in use.

The Type 41 Monophone handset is molded of black plastic, with receiver conductors molded in, and a large area in the cross-section of the handle for added strength. Transmitter and receiver are of the "capsule" type, inserted by merely slipping them into place, and readily removable without opening wire connections.

### Other New Features

The modernization of the Type 34A3 Monophone has been completed by the use of the new and exceptionally compact Type 11 and 12 Connecting Blocks used with the Type 40 Monophone, and black cords, instead of the brown cords formerly used. In most other respects, Type 34A3B is identical with the Type 34A3 Monophone. The circuit is the famous anti-side-tone circuit which has been standard in central-battery Monophones for many years. For operating organizations which have standardized on this circuit, and wish



Type 34A3B Monophone—Man., Conv.  
Cat. Nos. AA-67 and AA-68

to continue its use, the Type 34A3B Monophone will prove exceptionally satisfactory.

*Dimensions*—Height, 5½ in.; width of base, 5¾ in.; depth of base, 7¾ in. The handset is 9 in. long.

*Net Weight*—6½ lbs. *Shipping Weight*—13 lbs.

### Cat. No. AA-65—Type 34A3B—Auto.—Met. Rg.

With black plastic case, black-japanned dial finger plate, and chromium-plated transmitter and receiver hands. Type 24A36 dial has finger plate, number card and "1" to "0" number plate, as shown. Polarized untuned ringer with biasing spring, for straight-line or code ringing. Monophone handset with Monotype cord, 53 inches long. One condenser, and 2-conductor desk-stand cord, with 1-pair connecting block, for metallic ringing.

### Cat. No. AA-66—Type 34A3B—Auto.—Grd. Rg.

As above, but with 2 condensers, and 3-cond. desk-stand cord, with 2-pair connecting block, for ground ringing.

### Cat. No. AA-67—Type 34A3B—Man., Conv.—Met. Rg.

Like Cat. AA-65, above, but has black plastic dial blank, with number card and black-japanned card ring, as shown. All wiring for dial is provided (with impulse spring leads connected together), permitting conversion to automatic operation by merely adding the dial. One condenser, and 2-conductor desk-stand cord, with 1-pair connecting block, for metallic ringing.

### Cat. No. AA-68—Type 34A3B—Man., Conv.—Grd. Rg.

As above, but with 2 condensers, and 3-cond. desk-stand cord, with 2-pair connecting block, for ground ringing.

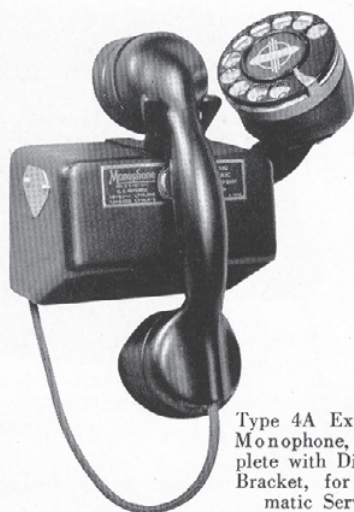
### Harmonic Ringing

The above catalog numbers cover Monophones with straight-line ringers. If harmonic ringer is desired, instead, give catalog number of corresponding instrument having straight-line ringer, and state frequency desired.

**For Modifications Available, see next page.**



## The Type 4A Extension Monophone



Type 4A Extension Monophone, complete with Dial and Bracket, for Automatic Service

A compact Monophone for extension service, and for use (with a ringer box or Monochime) as a main-line telephone to be mounted on the end of a desk. Requires a mounting space of only  $3\frac{3}{4}$ " x  $5\frac{1}{4}$ ", but in spite of its small size, all parts and connecting terminals are readily accessible when the molded plastic cover is slid off. The cover is removed by loosening the spanner nut of the Monophone switch (using tool AW-21, page 44).

For automatic service, the dial, with its connecting wires, is assembled on a mounting bracket, which may be mounted at either end of the wall box. The cover is drilled at both ends for the bracket, and a nicked plate is supplied to cover the mounting holes at the end not used. When the dial is not required, the holes at both ends are covered.

The Type 4A Monophone is wired in accordance with the anti-sidetone circuit used in the Type 1A Desk Monophone (see page 12).

### Modifications Available on Type 34A3B Monophones

*Extensicord*, the "stretchable" handset cord (see page 40), can be supplied instead of the standard handset cord, if specified.

*Other number cards or plates* can be supplied. If desired, please give catalog numbers (see page 34).

*"Cutaway" dial finger plate* (see page 34) can be supplied instead of round plate. If desired, please specify.

*Colored Monophones*—The Type 34A3B Monophone is available also in Black, Walnut, Mahogany, Chinese Red, Old

*Dimensions*—Height of wall box,  $3\frac{3}{4}$  in.; width,  $5\frac{1}{4}$  in. Depth, over all,  $4\frac{1}{2}$  in.; height,  $9\frac{1}{2}$  in.; width,  $8\frac{1}{2}$  in. The handset is 9 in. long.

*Net Weight*—5 lbs. *Shipping Weight*—8 lbs.

### Cat. No. AA-28—Extension Monophone—Automatic

With dial bracket and wires, and Type 24A36 dial with finger plate, number card, and "1" to "0" number plate, as shown.

### Cat. No. AA-29—Extension Monophone—Man., Conv.

Without dial, bracket and wires, and with dial mounting holes covered.

### Modifications

*Extensicord*, the "stretchable" handset cord (see page 40), can be supplied instead of the standard 53-inch handset cord, if specified.

*Other number cards or plates* can be supplied. If desired, please give catalog numbers (see page 34).

*"Cutaway" dial finger plate* (see page 34) can be supplied instead of round plate. If desired, please specify.

*For Main-Line Stations*, a special Type 4A Extension Monophone with buzzer signal can be furnished (metallic ringing only). This instrument is of the induction-coil-receiver type, requiring no induction coil in the wall box, and a 500-ohm a-c buzzer is installed in this space. If desired, specify "induction-coil-receiver" type.

### Mounting Bracket

An L-shaped mounting bracket, black japan finished, is available for mounting the Type 4A Monophone at right angles to an existing mounting surface. This bracket requires a mounting space of only  $2\frac{1}{2}$  in. x  $3\frac{3}{4}$  in.

### Cat. No. AW-10—Angle Mounting Bracket

Ivory, Jade Green, Nile Green, Royal Blue, Orchid, or Maroon, with gold- or chromium-plated trim. These instruments are fitted with black Extensicord instead of standard handset cord. When ordering, specify color and trim desired.

*Special transmitter*, providing exceptional transmission volume, can be supplied for use on extremely long lines. If desired, please specify.

*A Portable Telephone*—The Type 34A3B Self-Contained Desk Monophone is adapted for use as a portable telephone, using Portable Telephone Plug AZ-10, Jack AZ-11 (see page 42).

**For Replacement Parts for the Type 34A3B Desk Monophone, see page 48.**