

800A STATION WIRE BOX

PREWIRE ARRANGEMENTS, CUSTOMER PARTICIPATION PRODUCTS IDENTIFICATION, INSTALLATION, AND MAINTENANCE

1. GENERAL

1.01 This section provides information on the 800A station wire box which is the initial hardware used in "Customer Participation Products" prewire installations.

1.02 Whenever this section is reissued, the reason(s) for reissue will be listed in this paragraph.

1.03 The 800A station wire box is made of a high impact plastic with four terminal points inside and a mounting flange around the outer edge (Fig. 1). The box is designed to complement the one-stop prewire concept of the "Customer Participation Products" plan.

1.04 The 800A station wire box will be used in conjunction with the following items:

- (a) Prewire box protective cover (temporary protective cover) Fig. 2
- (b) 725FS connecting block (for desk-type installations) Fig. 3
- (c) 830A4 connecting block (for wall telephone installations) Fig. 4
- (d) 65B faceplate (for unused outlet boxes) Fig. 5.

1.05 In the one-stop prewire system the telephone company craftsman will wire the building using 800A station wire boxes according to the local plan. The craftsman will then place a locally administered label on the inside face of the plastic protective cover and press the protective cover into place on the 800A station wire box. The locally administered labels will give the customer instructions on contacting the telephone company. After construction and decorating are completed, if the customers

prefer, they may pick up connecting block kits and/or 65B faceplates with placement instructions from the local PhoneCenter Store and place the connecting blocks.

1.06 If the customers prefer not to do the placement, they may so advise the telephone company and a craftsman will be assigned to complete the job using the same materials with an added service charge applied.

2. INSTALLATION

2.01 Ordering information:

TITLE	COMCODE
Box, Station Wire, 800A	103552865
Cover, Station Wire Box	843266909
Block, Connecting, 725FS-50	103559985
Block, Connecting, 725FS-54	103559993
Block, Connecting, 830A4	103551461
Assembly, Faceplate, 65B-50	103560058
Assembly, Faceplate, 65B-54	103560066

2.02 The 800A station wire box comes equipped with the protective cover and the four terminating screws and associated washers in place. The screws, with captivated washers, screw into four plastic terminal posts inside the box. The posts are not designated, which allows the box to be oriented with the large mounting flange on the right, left, top, or bottom of the box proper, for convenience of installation under varying conditions. This latitude of orientation in installation of 800A station wire boxes indicates a need for positive identification of terminals. The following method of wiring 800A station wire boxes has been devised and must be followed in all 800A prewire installations. After the box is mounted, regardless of its orientation:

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Bell System except under written agreement

SECTION 461-400-140

- (1) The ring wire of the first line (red, or blue with white tracer) shall be terminated on the upper right terminal.
- (2) The tip wire for the first line (green, or white with blue tracer) shall be terminated on the upper left terminal.
- (3) The ring wire for the second line or illumination power (yellow, or orange with white tracer) shall be terminated on the lower right terminal.
- (4) The tip wire for the second line or illumination power (black, or white with orange tracer) shall be terminated on the lower left terminal.

Note: It is imperative that the above wiring scheme be used on all 800A prewire installations as the customer instructions will be based on it.

2.03 When the prewire installation is complete, the installer will place the protective cover into place over each prewire outlet. The protective cover contains the Bell System logo, the words TELEPHONE OUTLET, and SEE OTHER SIDE on the face. A locally administered adhesive label may be placed on the back of this cover providing customer instructions on contacting the telephone company.

2.04 For desk-type installations, it is recommended that the 800A station wire box be mounted at electric outlet height and in a vertical position whenever possible. The vertical position allows the 725FS connecting block to be mounted with the jack springs hanging down permitting the least amount of interference due to dirt and humidity contamination. The 800A station wire box for wall phone installations must always be mounted in a vertical position, at approximately 60 inches from the floor.

2.05 It is important that the craftsperson be careful when dealing with warped or twisted studding and orient the 800A station wire box properly. The level and alignment of the connecting block

placed by the customer will depend on the level and alignment of the 800A station wire box.

2.06 The number of outlets and the rooms in which they are installed is left to local rulings. Routing of prewire will also follow local rules. In order to eliminate the possibility of crosstalk or imbalance, not more than 250 feet of D station wire should be used in a residence. If more than 250 feet of wire is needed to complete an installation, use twisted pair wire such as H station wire.

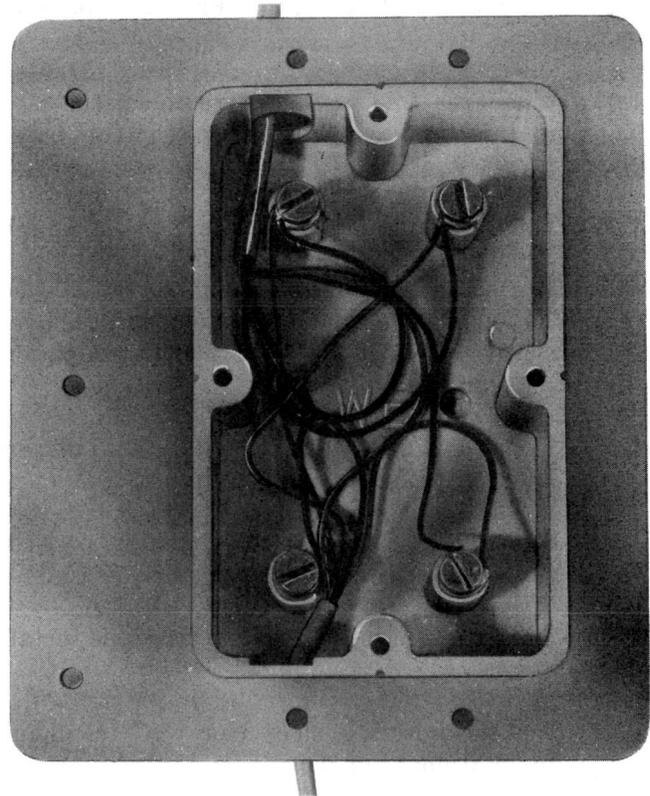


Fig. 1—800A Station Wire Box

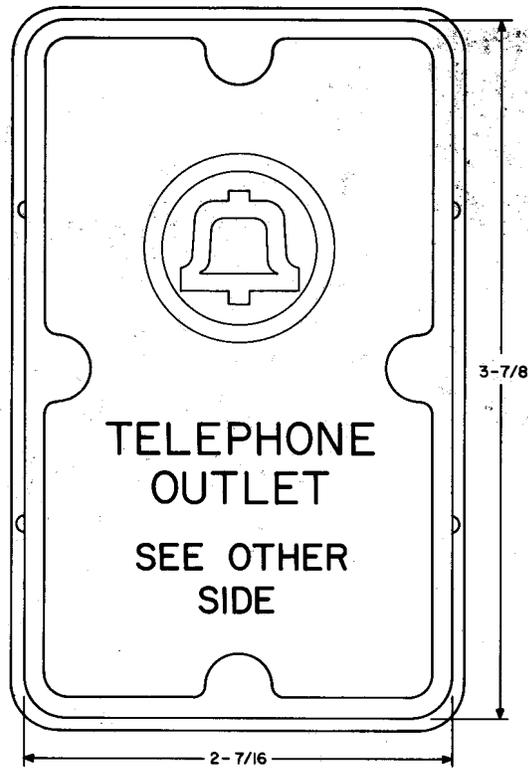
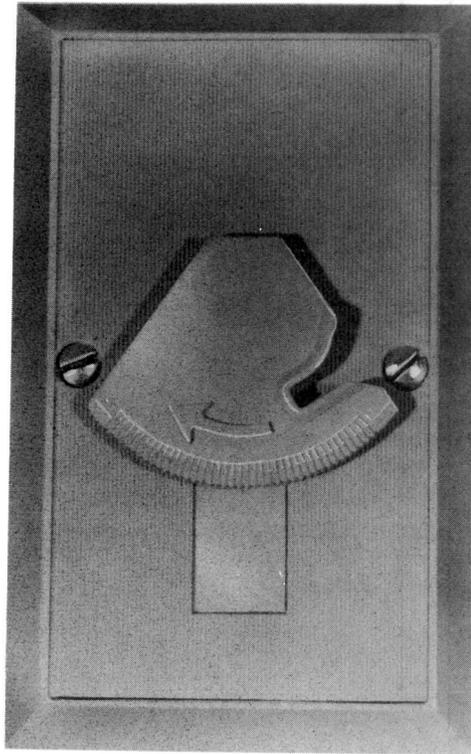
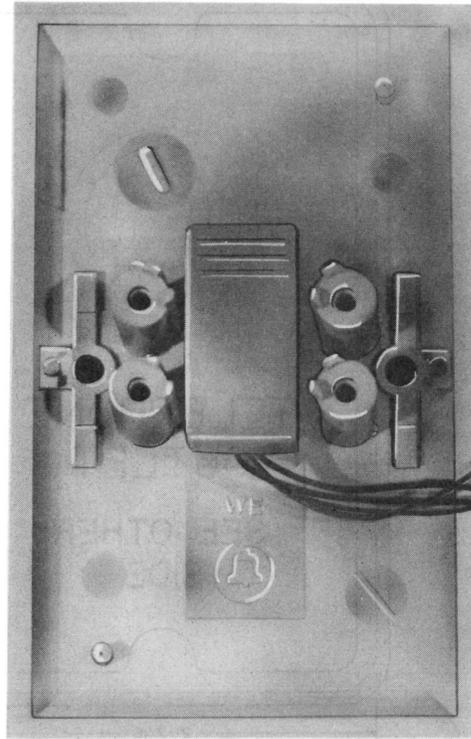


Fig. 2—Protective Cover for 800A Station Wire Box

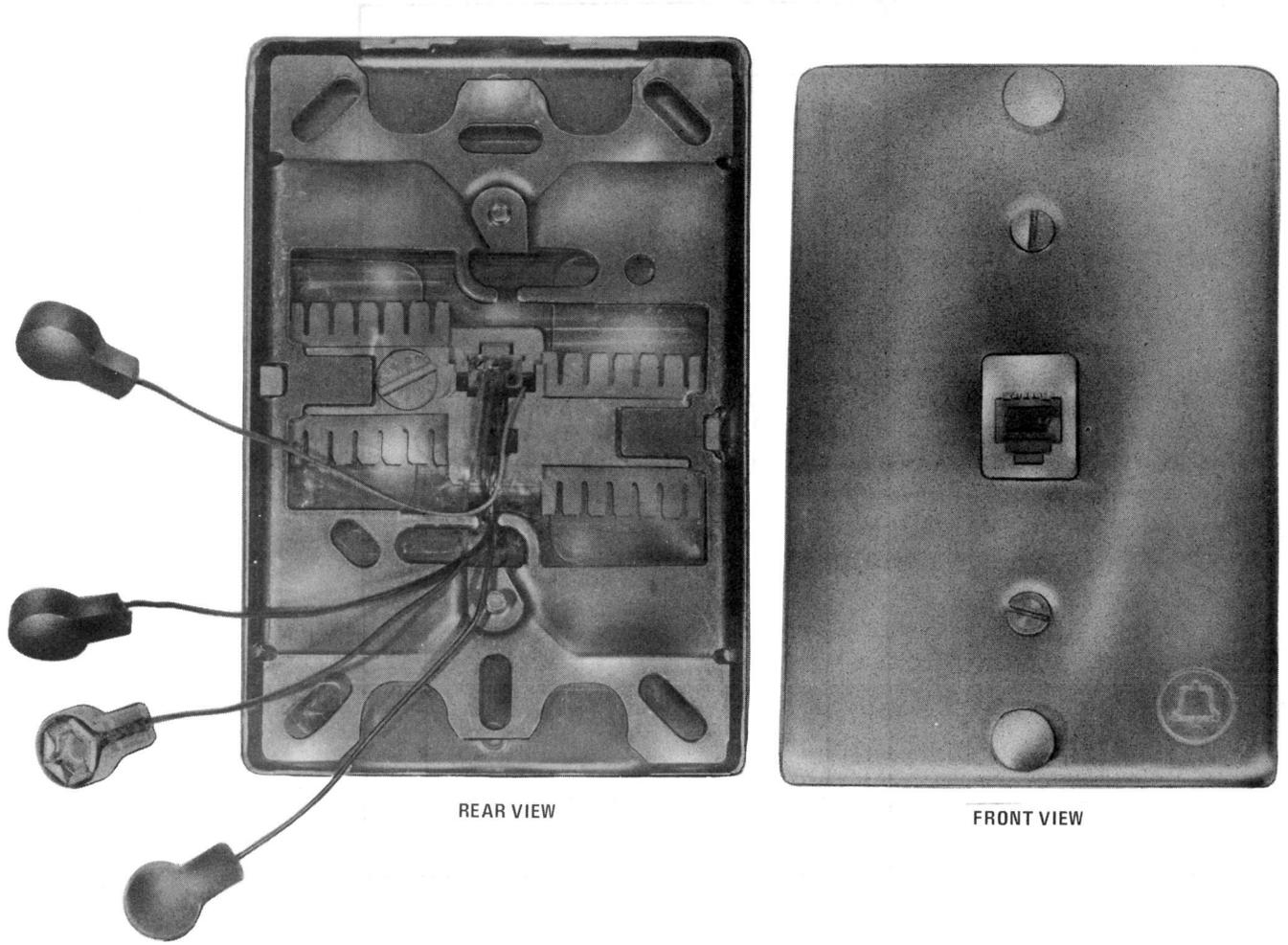


FRONT VIEW



REAR VIEW

Fig. 3—725FS Connecting Block



REAR VIEW

FRONT VIEW

Fig. 4—830A4 Connecting Block

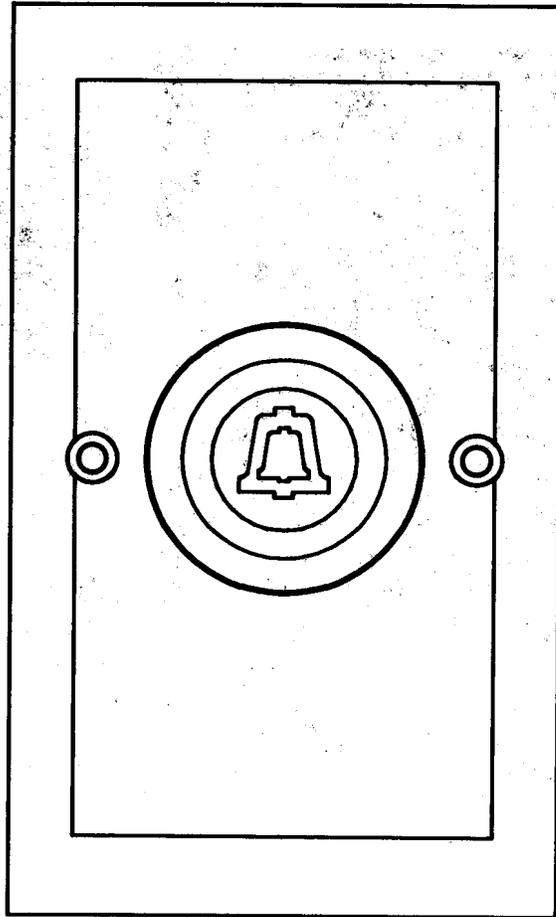


Fig. 5—65B Faceplate