

**BELL SYSTEM PRACTICES**  
**Station Installation and Maintenance**

**SECTION C53.103**  
**Issue 1, 7-24-36**  
**AT&T Co. Standard**

## **ORDER TURRET No. 1**

### **INSTALLATION**

#### **1. GENERAL**

1.01 This section covers the installation of Order Turret No. 1. It does not include practices common to general station work.

#### **2. LOCATING AND MOUNTING**

2.01 Locate turret as specified by the customer. If customer does not specify otherwise, locate turret midway between side edges of table approximately 21 inches from front edge of table. Fasten turret to table with two 1-1/2 inches No. 8 R.H. wood screws through mounting holes in base of turret.

2.02 If chest transmitter and dial are specified, locate 6000D dial mounting approximately 10 inches from front edge of table and approximately 8 inches to the right of the center line of the table. Use two 1/2 inch No. 8 F.H. wood screws to attach dial mounting to table.

Note: Turrets are usually mounted on commercial (wood) tables. If the turret should be located on metal table or desk, use 1-1/4 inches No. 8 self tapping screws to attach turret and 1/2 inch No. 8 self tapping screws to attach dial mounting.

2.03 Where 6000D dial mounting cannot be located on table top either because of customer's objections or for other reasons, the use of a desk stand or end of table location of dial mounting should be considered.

2.04 If a desk stand is not desired, a 40A dial mounting may be attached to the overhang at the end of the table provided that a dial mounting parallel or at a slight angle to the end of the table is satisfactory. Use 3/4 inch No. 8 R.H. screws to attach 40A mounting to wood tables and 5/8 inch

No. 8 self tapping screws on metal tables. If a dial mounting angle of 45° or 90° to the end of the table is required, attach a hanging type hand set mounting with switch-hook removed to one end of the table in the standard manner with the associated dial mounting placed in the required position.

### 3. WIRING

- 3.01 Use inside or duct wire to connect dial mounting to turret.
- 3.02 Enter battery feed line and dial wires into turret through hole and slot in the base of the turret.
- 3.03 Select consecutively numbered jacks in the associated P.B.X. for the two-way lines to turrets.
- 3.04 When a desk stand is specified, enter desk stand cord through hole in side of turret and connect cord tips to screw terminals provided.
- 3.05 Connect turret as specified in the connections section for Order Turret No. 1.
- 3.06 Where make-busy feature is required make the following modifications in the sleeve circuit of the jack at the private branch exchange:
  - (a) In the 30 and 80-line 550 type P.B.X. replace jack with 240A jack and connect sleeve lead from turret to sleeve of 240A jack.
  - (b) In the 320-line 550 type P.B.X. and non-multiple type 551 type P.B.X. replace strip of jacks with strip of 275 jacks and connect sleeve lead from turret to sleeve of 275 jack.
  - (c) For multiple 550, 551, 553 and 600C type P.B.X.'s connect sleeve lead from turret to sleeve of existing jack in P.B.X.
  - (d) For other multiple type P.B.X.'s make actual modification in accordance with detailed wiring diagram furnished.