

## TELEPHONE CONSOLES

### 5A AND 6A TYPES

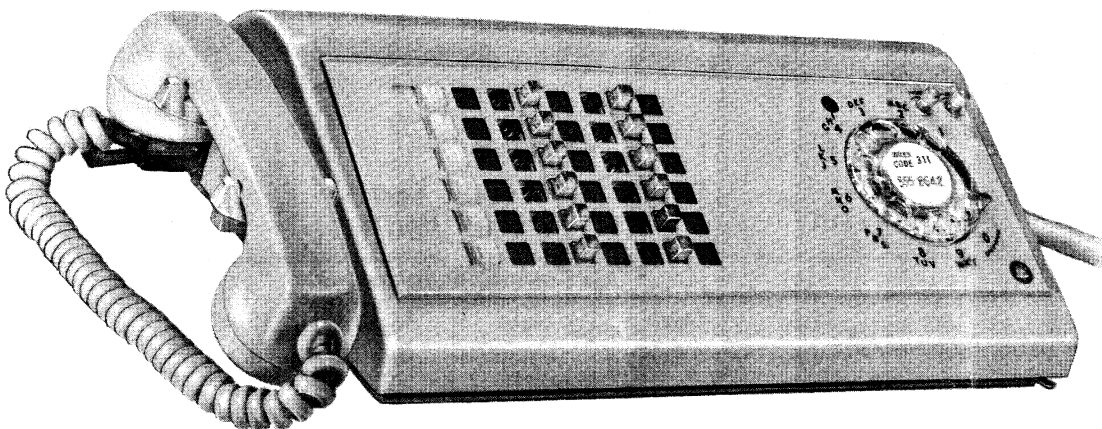
#### IDENTIFICATION AND ASSEMBLY OF PARTS

##### 1.00 GENERAL

- 1.01** The 5A- and 6A-type telephone consoles are designed for attendant use with a 740 PBX.
- 1.02** The 615A1 and 615A2 telephone sets in the field are coded Manufacture Discontinued and are replaced by the 6A1 and 6A2, respectively.

##### 2.00 IDENTIFICATION

- 2.01** The 5A-type telephone console Fig. 1 is similar in electrical operation to the 6A-type except that the block key assembly is not provided for the 100 busy lamp field. The 5A-type is therefore smaller in size. It has a one-piece faceplate covering the keys and dial, whereas the 6A-type has three faceplates for the key, dial, and block key assembly. (See Fig. 2.)



**Fig. 1 — 5A1 Telephone Console**

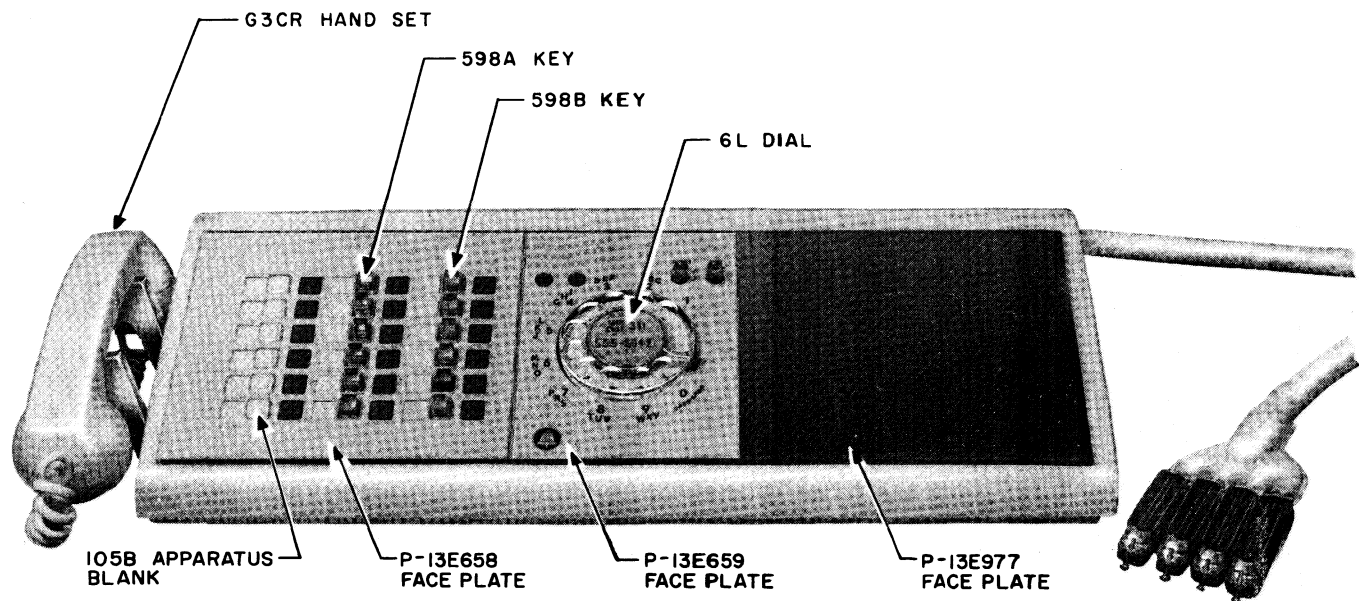


Fig. 2 — 6A1 Telephone Console

**2.02** The 5A- and 6A-type telephone consoles have a G3CR hand set with a 289B plug inserted into two 215A jacks. The handle rests on a fixed mounting on the left side of the set. They also employ a 6L dial, 425D network, 151E amplifier, and a 7F buzzer equipped with a 185A network and a buzzer cutoff button.

**2.03** The 5A-type telephone console is equipped with a D100C mounting cord and connects to a D50B connector cable. The 6A-type telephone console is equipped with a D200E mounting cord and connects to an A100C connector cable.

**2.04** These consoles are available in moss green (-51), white (-58), light beige (-60), and light gray (-61).

**2.05** For telephone console codes and key arrangements see Table A.

**2.06** The 6A-type telephone console is equipped with a block key assembly P-13E976. It consists of a field of 100 lamps numbered 00 to 99 for station busy identification. (See Fig. 3.)

**2.07** Piece part information for faceplates, mats, and bezels is covered in Table B.

**2.08** The 5A- and 6A-type telephone consoles are shipped with form E4646 designation strips.

**2.09** The 5A-type telephone console is equipped with a P-81HO (+ color code) housing assembly and the 6A-type is equipped with a P-81R6 (+ color code) housing assembly.

**TABLE A**  
**TELEPHONE CONSOLE CODES**  
**AND KEY ARRANGEMENTS**

Telephone Console Codes		Console Equipped with						Station Busy Lamp Block
		Left Key	Hold Lamp	Center Key	Hold Lamp	Right Key*	Hold Lamp	
5	A1	105B	58A	598A	58A	598B	58A	
	A2	598A						
6	A1	105B	58A	598A	58A	598B	58A	Block Key Assembly P-13E976
	A2	598A						

\* Screw detail P-10E837 is installed to make fourth pickup key locking.

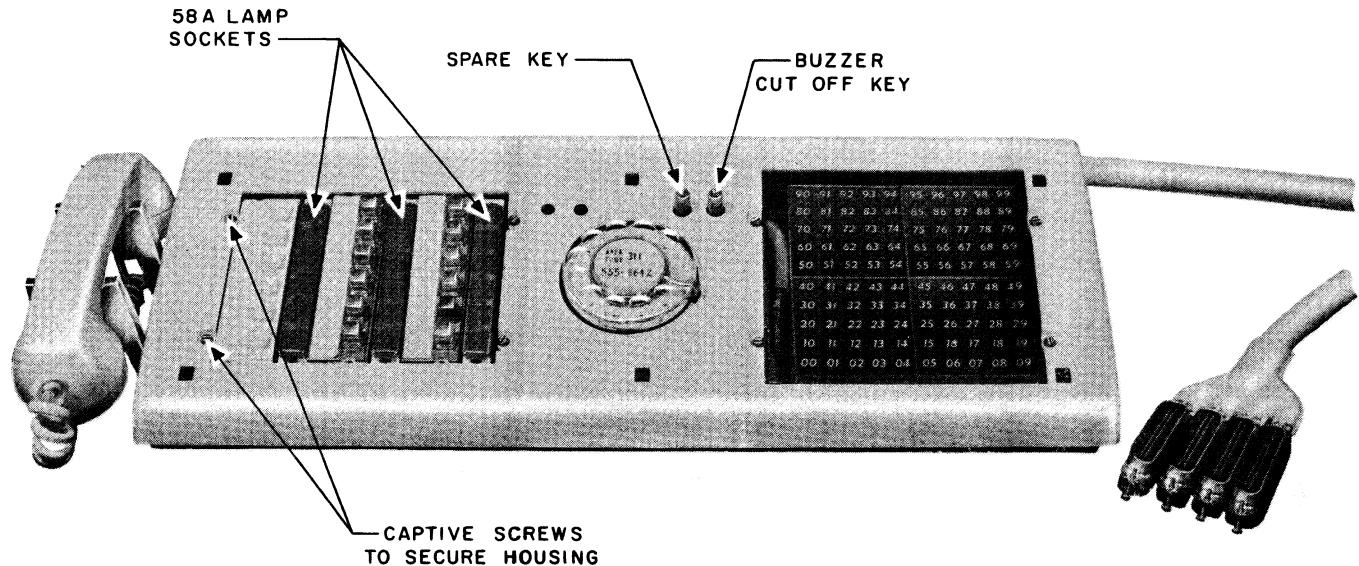


Fig. 3 - 6A1 Telephone Console (Bezel Removed)

**2.10** The spare key and buzzer cutoff key as shown in Fig. 3 are coded switch assemblies P-15E391.

### 3.00 ASSEMBLY OF PARTS

**3.01** Access to designation strip E4646 can be obtained by removing the stainless steel bezel from the housing. To lift the bezel from the top of the housing, raise upward slowly and lift out.



*Care should be taken to prevent bending bezel clips or damaging the housing.*

**3.02** To remove 51A lamp:

1. With bezel and light shield removed, press down on the base of the lamp with a KS-6320 orange stick to tip up lamp capsule.
2. Insert tip of orange stick beneath the raised capsule and lift lamp from its socket.

**3.03** To remove housing:

1. Remove bezel.
2. 5A-type: loosen four captive screws. 6A-type: loosen eight captive screws (see Fig. 3).
3. Lift housing up from base assembly.

TABLE B

FACEPLATES, MATS, BEZELS

Type Set	Face Plate Only	Mats						Bezel
		*	Gold	Blue	Green	Cream White	Silver	
5A	P-11E547	P-14E240	P-11E556	P-11E557	P-11E558	P-11E559	P-11E555	P-11E549
6A	P-11E658 (Keys) P-11E659 (Dial) P-11E977 (BSY LP)		P-13E978	P-13E979	P-13E980	P-13E981	P-13E982	P-11E657

\* Includes set of mats, one each of gold, blue, green, cream white, and silver.

## SECTION C38.723.00

### 3.04 To remove dial:

1. Remove bezel and housing.
2. Loosen screws on dial mounting plate (see Fig. 4).
3. Move dial mounting plate up and lift off.
4. Disconnect spade-tipped dial cord leads from terminals.
5. Remove the three screws that support the dial to the dial mounting plate.

### 3.05 To remove a key unit:

1. Remove bezel and housing.
2. Loosen screws at top and bottom of key frame.
3. Grasp both ends of key and pull up enough to disengage connector from plug.
4. Slide key toward back of set until front end of key clears mounting frame.
5. Raise front end of key clear of mounting frame.
6. Slide key forward and up to remove.

### 3.06 To replace a key unit:

1. Hold key at both ends of its frame.
2. Lower upper end of key into key well.
3. Slide key toward rear of well until front end clears mounting frame.
4. Move key into position to engage latch bar, plug, and connector.

5. Tighten screws at front and rear of key frame.
6. Test key for proper operation, adjusting pivot bar coupling detail as necessary.
7. Reassemble housing and bezel.

### 3.07 To remove buzzer:

1. Remove bezel and housing.
2. Remove dial mounting plate and key frame.
3. Remove spade-tipped leads and buzzer.

### 3.08 To remove 151E amplifier or 425D network:

1. Remove bezel and housing.
2. Remove dial mounting plate.
3. Disconnect spade-tipped leads.
4. Remove screws at base of either 151E amplifier or 425D network and remove.

### 3.09 To remove block key assembly:

1. Remove bezel and housing.
2. Remove screws on top of support arms and lift off.
3. Disengage connectors and disconnect spade-tipped leads from terminal board.

### 3.10 To remove 51A lamp in block key assembly:

1. Remove bezel and number plate.
2. Use a 553A lamp extractor to remove lamp.

### 3.11 The number plates for the block key assembly are covered in Fig. 4.

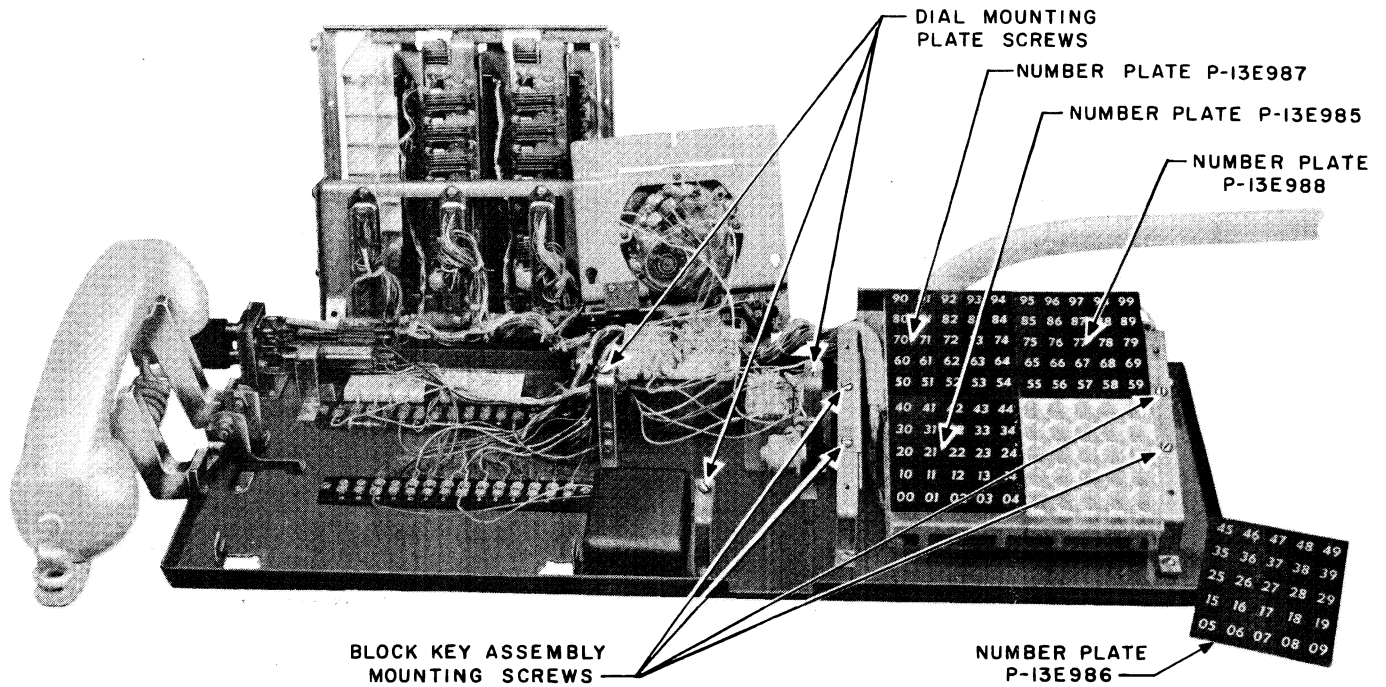


Fig. 4 — 6A1 Telephone Console (Dismantled)