

## TELEPHONE SETS

### 634, 635, 1634, AND 1635 TYPES

#### IDENTIFICATION

##### 1. GENERAL

**1.01** A concentrator unit must be associated with each telephone set. The 634- and 1634-type sets use a 235-type KTU. The 634- and 1635-type sets use a 236-type KTU (See Table A). Component parts for these telephone sets are listed in Table B.

**1.02** This section is reissued to:

- Add information on faceplate retainer group for 634D and 1634D Telephone Sets.
- Revise Tables C and D to show nonglare faceplate with coordinated color information.

##### 2. IDENTIFICATION

**2.01** The 634-type (18-button) and the 635-type (30-button) are rotary dial telephone sets (Fig. 1 and 2). The 1634- and 1635-type sets have TOUCH-TONE® dials (Fig. 3 and 4).

**2.02** These sets may be used with 1A1, 1A2, and 6A key telephone systems.

**2.03** The 634-, 1634-, 635-, and 1635-type, except 634D and 1634D, telephone sets have a one-piece clear plastic faceplate and a colored mat assembled in a stainless steel bezel. The bezel snaps on the plastic housing of the telephone set and is removable for maintenance or key replacement.

**2.04** The 634D and 1634D are provided with a two-piece bezel. The P-44E508 faceplate retainer group replaces P-26E199 bezel assembly, which shall be rated Parts Discontinued (PD). Fig. 5 shows the faceplate retainer group installation.

**2.05** Each set is supplied with two P-12A858 blocking rings to prevent operation of vacant pickup keys. For replacement of blocking ring and for assembly of parts, see section covering identification and assembly of parts of CALL DIRECTOR® telephone sets.

**2.06** The 634- and 1634-type sets are furnished with one package of six P-11E977 insulators used when converting line pickup buttons for signaling service options. The 635- and 1635-type sets are furnished with two packages of P-11E977 insulators.

**2.07** These sets are designed to accommodate three or five plug-in 6-button keys and other comparable plug-in service feature modules. The codes for ordering sets equipped with different features are found in the section on code changes and proposed additions of CALL DIRECTOR telephone sets.

**2.08** The various types of plug-in modules designed for use in these sets are listed in the section covering module units for CALL DIRECTOR telephone sets.

**2.09** The 634-, 635-, 1634-, and 1635-type sets are available in various colors. See appropriate section for these colors.

##### 3. ASSEMBLY OF PARTS

**3.01** The components of the 634-, 1634-, 635-, and 1635-type telephone sets are assembled in the same manner as those of the 630- and 631-type sets.

**3.02** When converting a line pickup key to signaling (nonlocking), remove P-10E837 screw from plunger shaft and slide a P-11E977 insulating detail squared end first, between the contacts of the spring pile-up adjacent to the key plunger (Fig. 6).

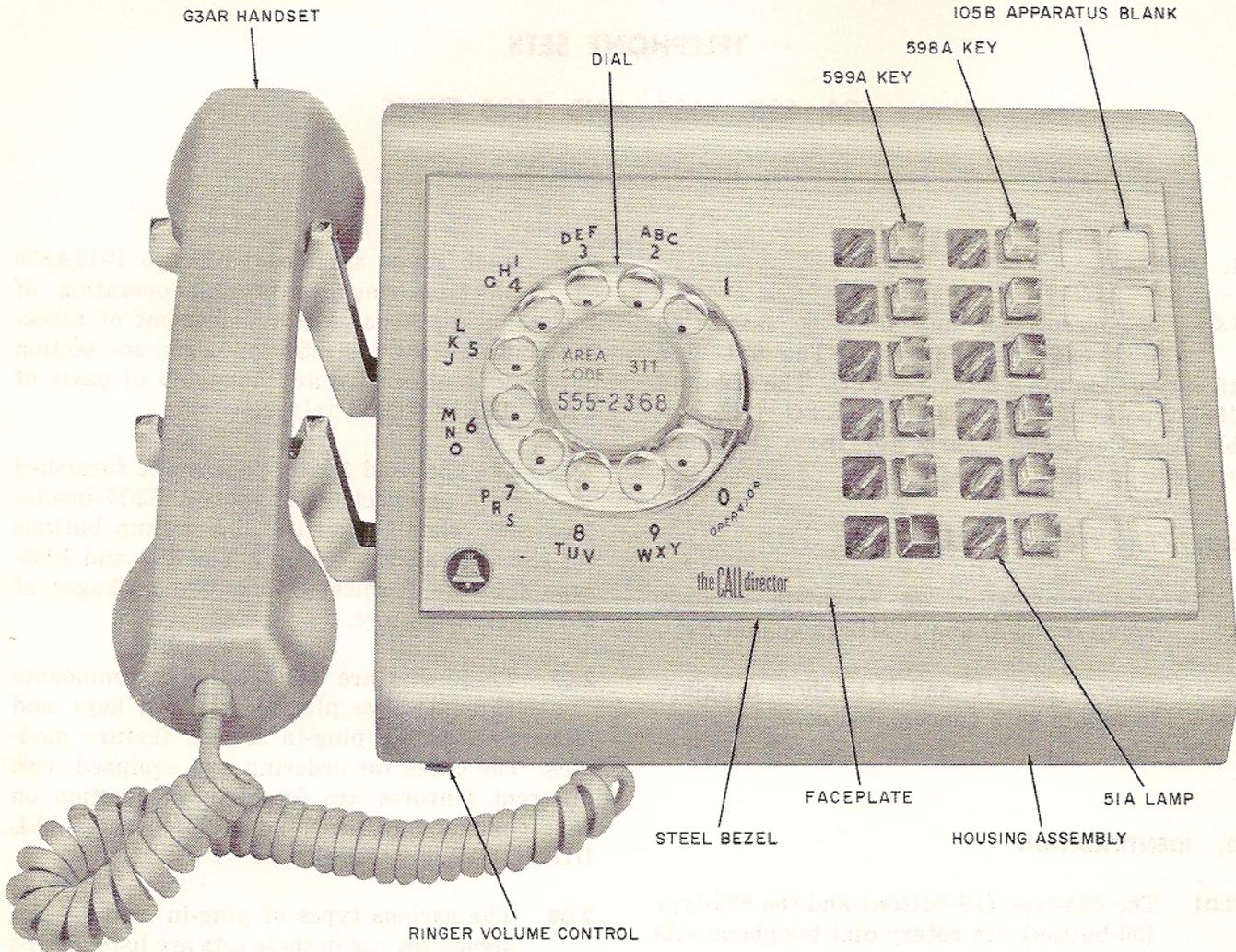
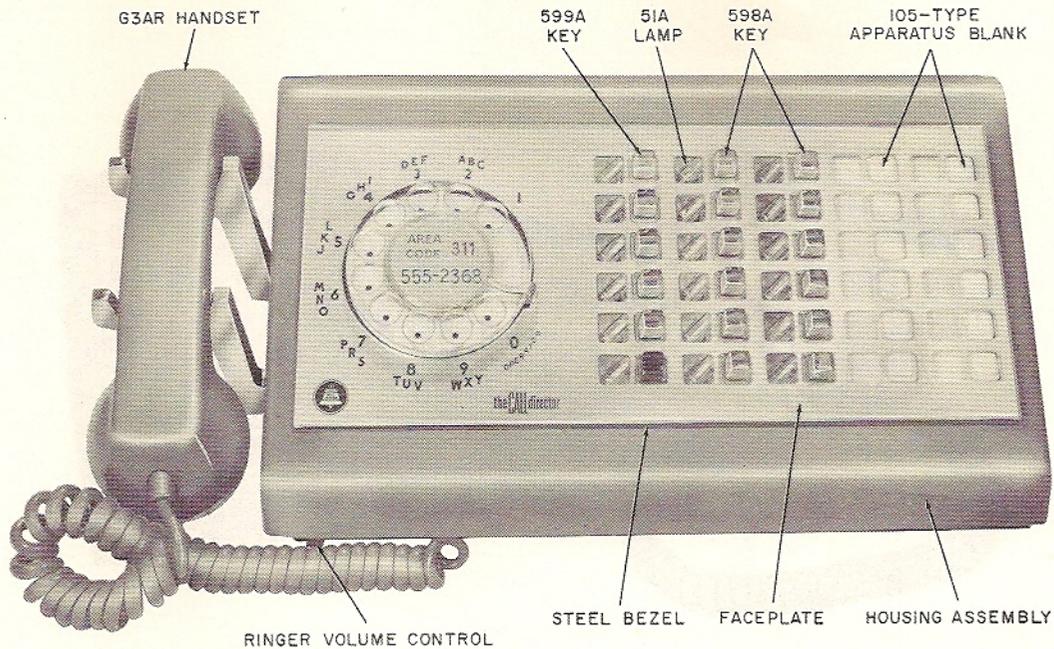


Fig. 1 - 634-Type Telephone Set

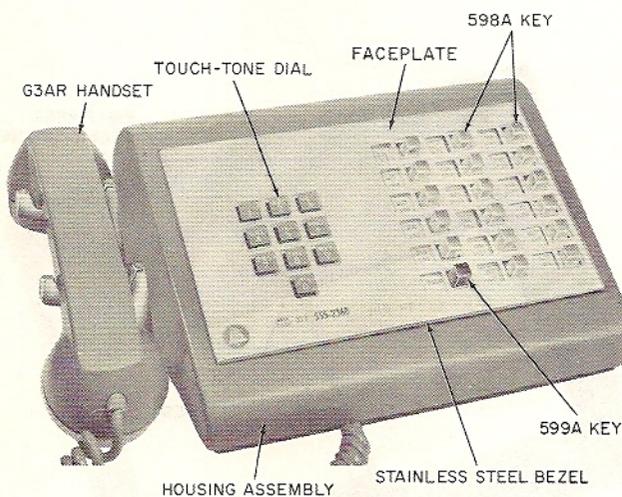


**Fig. 2 — 635-Type Telephone Set**

**3.03** When a 600C or a 601C set requires replacement of faceplate, mat, bezel, or housing, convert to a 634- or 635-type set.

**3.04** The 600C converts to a 634B telephone set and the 601C converts to a 635B telephone set. Convert as follows:

- (1) Remove faceplate, mat, and housing.
- (2) Remove three metal clips on dial which support dial faceplate.
- (3) Remove wire clips at top and bottom of each key unit.
- (4) Install new housing (P-81L500, 18-button set; P-81L400, 30-button set), bezel, and faceplate assembly. The last two digits in housing number indicate color code. See Tables C and D for correct bezel and nonglare ← faceplate assembly.



**Fig. 3 — 1634-Type Telephone Set**



Fig. 4 — 1635-Type Telephone Set

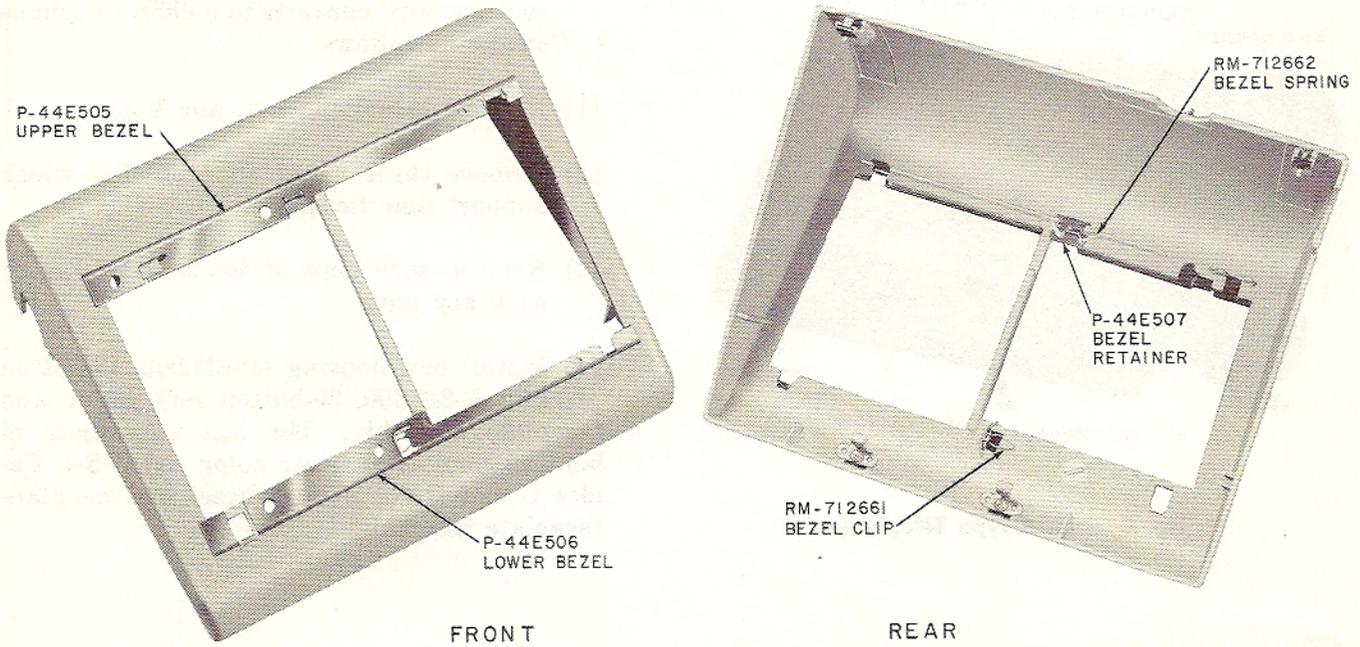


Fig. 5 — Installation of Faceplate Retainer Group

4. TABLE INDEX

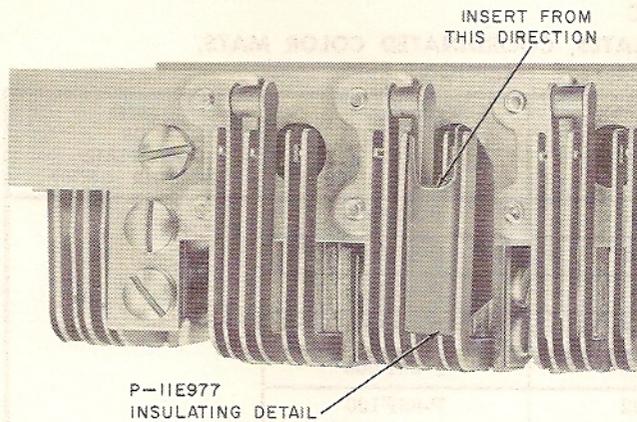


Fig. 6 — Position of P-11E977 Insulating Detail When Converting Pickup Button of a 598- or 599-Type Key To Signaling

Table A — Mounting Cords, Concentrator Units, and Connector Cables

Table B — Components

Table C — Coordinated Color Nonglare Faceplates, Coordinated Color Mats and Bezel for 634- and 1634-Type Telephone Sets

Table D — Coordinated Color Nonglare Faceplates, Coordinated Color Mats, and Bezel for 635- and 1635-Type Telephone Sets

TABLE A  
MOUNTING CORDS, CONCENTRATOR UNITS, AND CONNECTOR CABLES

TYPE SET	MOUNTING CORD			CONCENTRATOR UNIT	CONNECTOR CABLE		
	CODE	NO. OF CONDUCTORS	LENGTH		CODE	NO. OF CONDUCTORS	LENGTH
634B	D50B	50	8 ft.	235-Type KTU	A25B	50	*
634C	D50L						
634D							
1634D							
635A	D80A	80	8 ft.	236-Type KTU	A40A	80	*
635C	D80B						
635D							
1635D							

\* Single-ended connector cables may be ordered in lengths of 50 and 100 ft. Double-ended connector cables may be ordered in lengths of 30, 80, 100, and 200 ft., and cut as required.

TABLE B  
COMPONENTS

TYPE SET	DIAL	HANDSET	RINGER	NETWORK
634B, C	6L-41	G3AR	D1A	425B
634D	8C-58		N1A	4010B
1634D	25B3		N1A	4010B
635A, C	6L-41		D1A	425B
635D	8C-58		N1A	4010B
1635D	25B3		N1A	4010B

**TABLE C**  
**COORDINATED COLOR NONGLARE FACEPLATES, COORDINATED COLOR MATS,**  
**AND BEZEL FOR 634- AND 1634-TYPE TELEPHONE SETS**

TYPE SET	NONGLARE FACEPLATE ASSEMBLY *	NONGLARE FACEPLATE ONLY	SET OF THREE MATS †	BEZEL OR FACEPLATE RETAINER GROUP
634 (B1 and B2)	20A1-70 to 77	P-20F600	P-86F000	P-11E903
634B3	20C1-70 to 77	P-20F602	P-86F100	
634B4	20B1-70 to 77	P-20F601	P-86F000	
634B5	20D1-70 to 77	P-20F603	P-86F100	
634 (B6 and B7)	20A1-70 to 77	P-20F600	P-86F000	
634B8	20C1-70 to 77	P-20F602	P-86F100	
634 (B9 and B10)	20A1-70 to 77	P-20F600	P-86F000	
634B11	20C1-70 to 77	P-20F602	P-86F100	
634B12	20D1-70 to 77	P-20F603	P-86F100	
634B13	20C1-70 to 77	P-20F602	P-86F100	
634 (C1 and C2)	20A1-70 to 77	P-20F600	P-86F000	
634C4	20B1-70 to 77	P-20F601	P-86F000	
634 (C6 thru C10)	20A1-70 to 77	P-20F600	P-86F000	
634C11	20C1-70 to 77	P-20F602	P-86F100	
634C12	20D1-70 to 77	P-20F603	P-86F100	
634C13	20C1-70 to 77	P-20F602	P-86F100	
634 (D1 and D2)	20A1-70 to 77	P-20F600	P-86F000	FACEPLATE RETAINER GROUP† (44E508)‡
634D4	20B1-70 to 77	P-20F601	P-86F000	
634 (D6 thru D10)	20A1-70 to 77	P-20F600	P-86F000	
634D11	20C1-70 to 77	P-20F602	P-86F100	
634D12	20D1-70 to 77	P-20F603	P-86F100	
634D13	20C1-70 to 77	P-20F602	P-86F100	
1634 (D1 and D2)	120A1-70 to 77	P-20F630	P-85F000	
1634D4	120B1-70 to 77	P-20F631	P-85F000	
1634 (D6 thru D10)	120A1-70 to 77	P-20F630	P-85F000	
1634D11	120C1-70 to 77	P-20F632	P-85P200	
1634D12	120D1-70 to 77	P-20F633	P-85F200	
1634D13	120C1-70 to 77	P-20F632	P-85F200	

## TELEPHONE SET

## FACEPLATE

COLOR	SUFFIX	COLOR	SUFFIX
Black	(-3)	Charcoal	(-70)
Green	(-51)	Lt Green	(-71)
Yellow	(-56)	Lt Yellow	(-72)
White	(-58)	Lt Gray	(-73)
Pink	(-59)	Muted Pink	(-74)
Lt Beige	(-60)	Muted Beige	(-75)
Lt Gray	(-61)	Charcoal	(-70)
Blue	(-62)	Muted Blue	(-76)
Turquoise	(-64)	Muted Turquoise	(-77)

\* The nonglare faceplate assembly will have their identification completed by selecting the last two digits which corresponds to the faceplate color and suffix number.

† Coordinated color piece-part mat numbers will be completed for ordering purposes by substituting the faceplate dash number for the last two digits. The companion silver and gold mats are numbered P-86F078 and P86F079, respectively.

‡ Faceplate retainer group consist of:

Upper Bezel — P-44E505  
 Lower Bezel — P-44E506  
 Bezel Retainer — P-44E507  
 Bezel Clip RM 712661  
 Bezel Spring RM 712662

**TABLE D**  
**COORDINATED COLOR NONGLARE FACEPLATES, COORDINATED COLOR MATS,**  
**AND BEZEL FOR 635- AND 1635-TYPE TELEPHONE SETS**

TYPE SET	NONGLARE FACEPLATE ASSEMBLY *	NONGLARE FACEPLATE ONLY	SET OF THREE MATS †	BEZEL
635 (A1 thru A3)	21A1-70 to 77	P-20F609	P-86F400	P-11E902
635A4	21B1-70 to 77	P-20F610	P-86F400	
635 (A10 thru A12)	21A1-70 to 77	P-20F609	P-86F400	
635 (A16 and A17)	21C1-70 to 77	P-20F611	P-86F500	
635A18	21D1-70 to 77	P-20F612	P-86F500	
635 (C1 thru C3)	21A1-70 to 77	P-20F609	P-86F400	
635C4	21B1-70 to 77	P-20F610	P-86F400	
635 (C10 thru C12)	21A1-70 to 77	P-20F609	P-86F400	
635 (C16 and C17)	21C1-70 to 77	P-20F611	P-86F500	
635C18	21D1-70 to 77	P-20F612	P-86F500	
635 (D1 thru D3)	21A1-70 to 77	P-20F609	P-86F400	
635D4	21B1-70 to 77	P-20F610	P-86F400	
635 (D10 thru D12)	21A1-70 to 77	P-20F609	P-86F400	
635 (D16 and D17)	21C1-70 to 77	P-20F611	P-86F500	
635D18	21D1-70 to 77	P-20F612	P-86F500	
1635 (D1 thru D1)	121A1-70 to 77	P-20F641	P-87F000	P-26E212
1635D4	121B1-70 to 77	P-20F645	P-87F000	
1635 (D10 thru D12)	121A1-70 to 77	P-20F641	P-87F000	
1635 (D16 and D17)	121C1-70 to 77	P-20F644	P-87F200	
1635D18	121D1-70 to 77	P-20F642	P-87F200	

TELEPHONE SET		FACEPLATE	
COLOR	SUFFIX	COLOR	SUFFIX
Black	(-3)	Charcoal	(-70)
Green	(-51)	Lt Green	(-71)
Yellow	(-56)	Lt Yellow	(-72)
White	(-58)	Lt Gray	(-73)
Pink	(-59)	Muted Pink	(-74)
Lt Beige	(-60)	Muted Beige	(-75)
Lt Gray	(-61)	Charcoal	(-70)
Blue	(-62)	Muted Blue	(-76)
Turquoise	(-64)	Muted Turquoise	(-77)

\* The nonglare faceplate assembly will have their identification completed by selecting the last two digits which corresponds to the faceplate color and suffix number.

† Coordinated color piece-part mat numbers will be completed for ordering purposes by substituting the faceplate dash number for the last two digits. The companion silver and gold mats are numbered P-86F078 and P-86F079, respectively.