

## REFERENCE

### 660A1M TELEPHONE SETS

#### 1. GENERAL

1.01 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.02 The 660A1M telephone set is a modular, desk-type, card dialer set which provides for automatic and manual dialing (Fig. 1). It provides the following optional features:

- Exclusion
- Operation with 3- or 4-type speakerphone.

1.03 These sets are furnished wired for individual or bridged ringing. For other party service or 1A1, 1A2 key service, it will be necessary to install a D6AF mounting cord which must be ordered separately.

1.04 These sets have electrical and transmission characteristics equivalent to 500-type sets and are available in all standard colors.

1.05 For connection information, refer to service Section 502-617-405.

1.06 For 3- or 4-type speakerphone connections, refer to Division 512.

1.07 To install exclusion switch or for common installation and maintenance information, refer to Section 502-600-102.

1.08 For additional information on the modular concept, refer to Section 503-100-100.

#### 2. IDENTIFICATION

##### Ordering Guide

2.01 To order a complete telephone set list as follows:

- Set, Telephone, 660A1M



Fig. 1—660A1M Telephone Set

2.02 This set can also be ordered as modular component parts as follows:

(a) Base, Telephone Set, 660AM (includes):

- Assembly, Jack (handset), 616P
- Assembly, Jack (mounting cord), 623P4
- Ringer, C4B
- Dial, 8R-58
- Dial, 41B

(b) Housing, 660A1-\*

(c) Faceplate, 660A1-\*

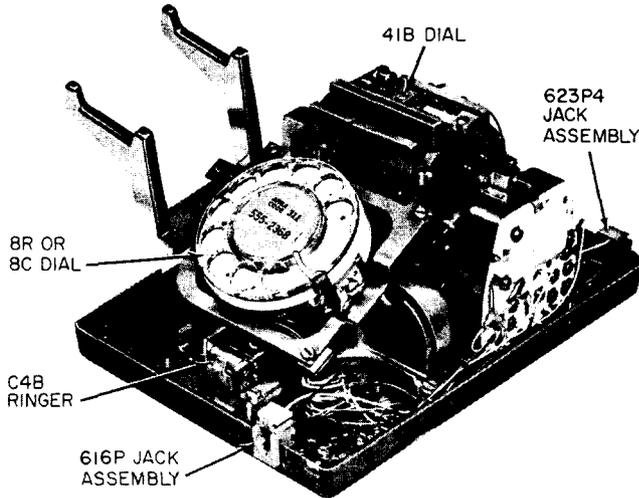
(d) Handset, G15A-\*

(e) Cord, Handset, H4DU-\*

(f) Cord, Mounting, D4BU-29

\*Add appropriate color suffix.

**2.03** The 660A1M telephone sets are equipped with an 8R dial and a 41B dial (Fig. 2). The 41B dial is an electromechanical dial driven by an AC synchronous motor. Refer to Division 501 for detailed description and power supply selection for the 41-type dial.



**Fig. 2—660A1M Telephone Set Base**

**2.04** The 41B dial is operated by inserting a coded card in the card slot and depressing the START bar. The card is fed past the reader mechanism, and the coded portion of the card controls the output of the dial. If the user wishes to stop the call during the automatic dialing process, depressing the RELEASE bar will eject the card without further pulsing.

**2.05** Two 812452381 or P-24E238 packages, each containing twenty code cards, and one 811353630 or P-13E363 card index set consisting of nine alphabetical spacer cards are furnished with each set.

**2.06** The volume of the C4B ringer is adjustable in four steps by use of the volume control wheel (accessible from the bottom of the set). Ringer cutoff can be provided by bending the stop tab and moving the volume control wheel to a fifth step. The C4B ringer is a 2-lead ringer for use where tip party identification is not required. If tip party identification is required a C4A ringer must be ordered separately and installed.

**Optional Features**

**2.07** If speakerphone is desired with the 660A1M telephone set, the 8R dial must be replaced with an 8C dial, ordered separately.

**2.08** The 660A1M set can be converted to provide exclusion by installing a kit of parts (Table A).

**2.09** When exclusion is provided the D4BU-29 mounting cord and 623P4 jack assembly must be removed and replaced with a D10R-87 mounting cord, ordered separately.

**2.10** The exclusion feature, if provided, is actuated by pulling up on the plastic button at the top left of the faceplate. The exclusion switch is connected to the line switch assembly by a wire link so that exclusion is canceled when the handset is restored.

TABLE A

**ORDERING GUIDE TO PROVIDE EXCLUSION FEATURE  
(660A1M TELEPHONE SET)**

SET COLOR	KIT NUMBER	MTG CORD *	COORDINATED FACEPLATE†	
			COLOR	PART NO.
Black (-3)	D-180266	D10R-87	Charcoal (-70)	818964702 or P-89F470
Ivory (-50)	D-180353		Muted Ivory (-80)	818964801 or P-89F480
Green (-51)	D-180267		Lt Green (-71)	818964710 or P-89F471
Red (-53)	D-180265		Muted Red (-69)	818964694 or P-89F469
Yellow (-56)	D-180268		Lt Yellow (-72)	818964728 or P-89F472
White (-58)	D-180269		Lt Gray (-73)	818964736 or P-89F473
Lt Beige (-60)	D-180271		Muted Beige (-75)	818964751 or P-89F475
Aqua Blue (-62)	D-180272		Muted Blue (-76)	818964769 or P-89F476

\* Mounting cord must be ordered separately.

† Coordinated color faceplates are furnished with the conversion kit,  
faceplate can also be ordered separately.