

## REFERENCE

### 662A1M TELEPHONE SETS

#### 1. GENERAL

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

1.02 The 662A1M telephone sets are modular desk-type, card dialer, 6-button key sets equipped with a rotary dial which provide for automatic and manual dialing (Fig. 1). They provide for the following optional features:

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

1.03 These sets are designed for use in 1A, 1A1, 1A2, or 6A key telephone systems. They are furnished wired for 1A1 and 1A2 systems and are equipped for 5-line pickup and hold on central office, PBX, and private or intercommunicating lines.

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 502-617-406.

1.06 For connections to 3- or 4-type speakerphone system, refer to the appropriate section in 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.



Fig. 1—662A1M Telephone Set

#### 2. IDENTIFICATION

##### Ordering Guide

2.01 To order a complete telephone set, list as follows:

- Set, Telephone, 662A1M-\*

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

(a) *Base, Telephone Set, 662AM (includes):*

- Assembly, Jack (handset), 616P
- Ringer, T1A
- Dial, 8R-58
- Dial, 41B
- Key, 635A5
  
- Buzzer, KS-20419L1

**SECTION 502-601-131**

- Cord, Mounting, D50W-87
- (b) Housing, 660A1-\*
- (c) Faceplate, 662A1-\*
- (d) Handset, G15A-\*
- (e) Cord, Handset, H4DU-\*

\*Add appropriate color suffix.

**2.03** The 662A1M telephone set is equipped with a 635A5 key. A modification kit is available to provide exclusion. Table A lists the conversion kit part information.

**2.04** The 662A1M telephone sets are factory-equipped with a KS-20419L1 (10-volt AC only) buzzer.

**2.05** 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.

**2.06** The 662A1M sets are equipped with both an 8R and a 41B dial (Fig. 2). The 41B dial is an electromechanical, automatic card dial driven by an AC synchronous motor. Refer to Division 501 for detailed description and power supply selection for the 41B dial.

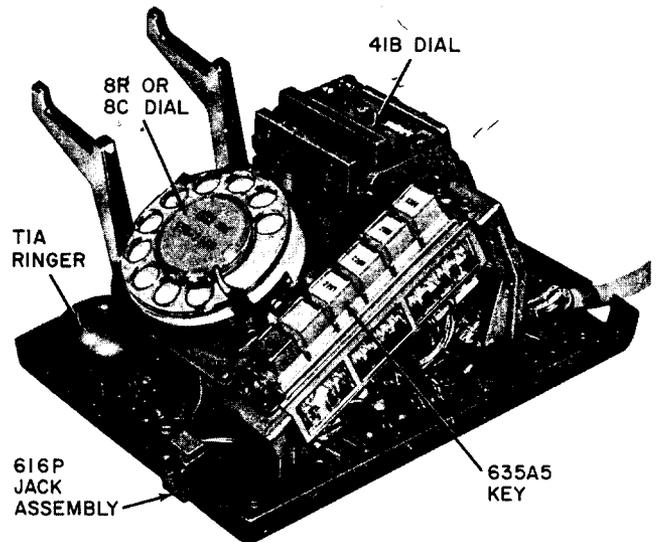
**2.07** Two 812452381 or P-24E238 packages, each containing twenty code cards, and one 811353630 or P-13E363 card index set consisting of nine alphabetical spacer cards are furnished with each telephone set.

**Optional Features**

**2.08** If speakerphone is desired with the 662A1M telephone set, the 8R must be replaced with and 8C dial.

**2.09** 3- or 4-type speakerphone connections are found in Division 512.

**2.10** To add exclusion, refer to Table A. Exclusion, 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.



**Fig. 2—662A1M, Telephone Set Base**

**2.11** The ringer can be used as a common audible signal or an individual line ringer. Volume of the T1A ringer is adjustable by use of the volume control accessible from the bottom of the set. Ringer cutoff can be provided by removal of the volume control stop screw through an access hole in the base of the set.

**2.12** A KS-8109L2 buzzer can be added to these sets for use as a second audible signal. The buzzer must be mounted with insulated screws and washers.

150650  
3852

TABLE A

**ORDERING GUIDE TO PROVIDE EXCLUSION FEATURE  
(662A1M TELEPHONE SET)**

SET COLOR	KIT NUMBER	COORDINATED COLOR FACEPLATES*	
		COLOR	PART NUMBER
Black (-03)	D-180610	Charcoal (-70)	841362767
Ivory (-50)	D-180616	Muted Ivory (-80)	841362825
Green (-51)	D-180611	Lt Green (-71)	841362775
Red (-53)	D-180609	Muted Red (-69)	841362759
Yellow (-56)	D-180612	Lt Yellow (-72)	841362783
White (-58)	D-180613	Lt Gray (-73)	841362791
Lt Biege (-60)	D-180614	Muted Biege (-75)	841362809
Aqua Blue (-62)	D-180615	Muted Blue (-76)	841362817

\* Coordinated color faceplates are furnished with the conversion kits, faceplates can also be ordered separately.