

REFERENCE

2662- AND 2664-TYPE TELEPHONE SETS

1. GENERAL

1.01 This section is reissued to add:

- M1B ringer
- Satin-Silver (-87) mounting cord
- KS-20419L1 buzzer (Fig. 5)

1.02 The 2662- and 2664-type telephone sets are desk-type, card dialer, 6-button key sets equipped with a 12-button TOUCH-TONE® dial which provides for automatic and manual calling (Fig. 1 and 2). They are similar in appearance and provide for the following optional features:

- End-to-end signaling
- Operation with 3- or 4-type speakerphone (2662-type)
- Exclusion (2662-type)
- Handset or headset operation (2664-type)

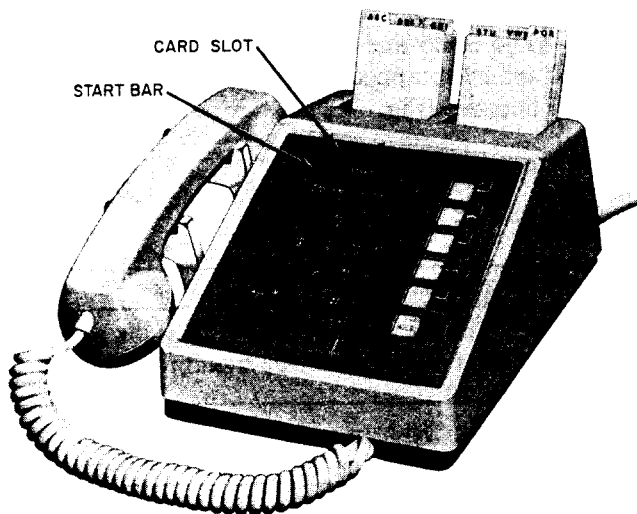


Fig. 1—2662A1 Telephone Set

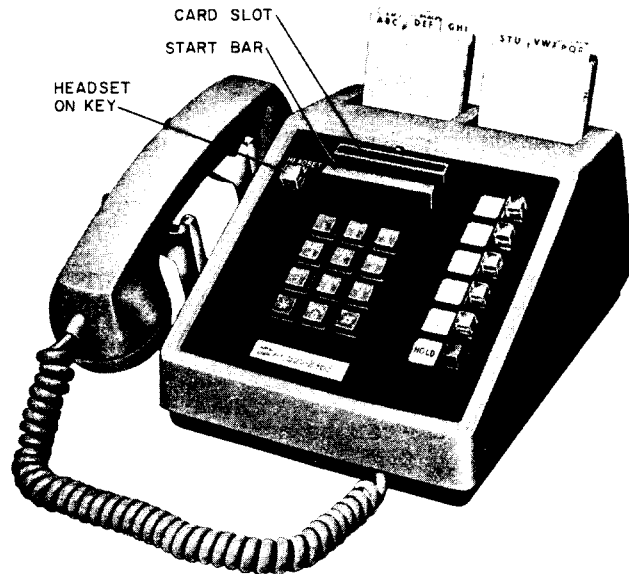


Fig. 2—2664A1 Telephone Set

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

1.04 These sets can be arranged to accommodate a P-90D012 polarity guard assembly using D-180250 Kit of Parts.

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

1.06 For connection information refer to the appropriate Service section for the particular set.

1.07 To install polarity guard or exclusion switch, refer to Section 502-600-102.

2. IDENTIFICATION

2.01 Common major components of these sets are:

- Dial, 36E
- Handset, G3A6*
- Key (see Table A)
- Mounting Cord, D50K-87 (Satin-Silver)
- Network, 425K or 4228B (early models had 425G)
- Ringer, M1B (early models, M1A)◆

*Add appropriate color suffix.

2.02 These sets can be converted to provide other key features by replacing the 599A or 657A key. Table A lists the set codes, key options and features provided.

2.03 Exclusion feature can be provided on the 2662-type sets by installing a kit of parts. The addition of exclusion converts set codes 2662A1, 2662A2, and 2662A3 to 2662A4, 2662A5, and 2662A6, respectively. Table B lists the conversion kit part information.

2.04 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.

2.05 The 2664-type telephone sets are equipped with an amplifier and headset jacks to permit either handet or headset operation (Fig. 4). The HEADSET ON key is located at the top left of the faceplate. No provision is made for exclusion in these sets.



A headset must be ordered separately. The type headset should be determined by customer requirements.

2.06 Table C lists piece part information for these sets.

2.07 These sets are equipped with a 36E dial consisting of a mechanical card reader and a 35-type TOUCH-TONE dial, combined as a unit. The card reader uses the electrical circuitry of the 35-type dial for multifrequency signaling.

2.08 The 36E 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 causes two sets of contacts to close for each digit. This function is equivalent to depressing a button on the TOUCH-TONE dial.

2.09 Two P-21F752 card sets, each containing twenty code cards, and one P-13E363 card index set consisting of nine alphabetical spacer cards are furnished with each set.

2.10 ◆The 2662- and 2664-type telephone sets are factory-equipped with a KS-20419L1 (10-volt ac only buzzer). (Fig. 5).◆

TABLE A
KEY FEATURE OPTIONS

TEL SET*	KEY	FEATURES
2662A1, 2664A1	599A or 657A	5-line pickup, hold, all pickup keys convertible for signaling.
2662A2, 2664A2	598A or 656A	6-line pickup, no hold, all pickup keys convertible for signaling.
2662A3, 2664A3	599B or 657B	4-line pickup, hold, cutoff by turn key, all pickup keys convertible for signaling.

*The sets are furnished as A1 code only; for other codes, replace the 599A or 657A key with the required key.

TABLE B
ORDERING GUIDE
TO PROVIDE EXCLUSION FEATURE
(CONVERTING 2662A1 TO 2662A4; 2662A2 TO 2662A5; 2662A3 TO 2662A6)

SET COLOR	KIT NUMBER	COORDINATED COLOR FACEPLATE*	
		COLOR	PART NUMBER
Black (-03)	D-180221	Charcoal (-70)	P-87D470
Ivory (-50)	D-180339	Muted Ivory (-80)	P-87D480
Green (-51)	D-180222	Light Green (-71)	P-87D471
Red (-53)	D-180340	Muted Red (-69)	P-87D469
Yellow (-56)	D-180223	Light Yellow (-72)	P-87D472
White (-58)	D-180224	Light Gray (-73)	P-87D473
Light Beige (-60)	D-180226	Muted Beige (-75)	P-87D475
Aqua Blue (-62)	D-180227	Muted Blue (-76)	P-87D476

*Coordinated color faceplates are furnished with the conversion kits.

TABLE C
PIECE PART ORDERING GUIDE

SET CODE*		HOUSING*	LINE SWITCH ASSEMBLY	EXCLUSION SWITCH ASSEMBLY	HEADSET KEY ASSEMBLY	AMPLIFIER	FACEPLATE*
2662	A1 A2 A3	P-82B0	P-27E649				P-87D3
	A4 A5 A6			P-24E456			P-87D4
2664	A1 A2 A3	P-87C2	P-24E277		P-26E936	242B	P-87D5

*Add appropriate color suffix.

Optional Features

2.11 These sets can be arranged to accommodate a P-90D012 guard assembly to provide for end-to-end signaling. The guard assembly consists of a 491A diode (bridge type polarity guard), a 426AN diode (surge protector), and current limiting resistors mounted on a printed circuit board. The guard assembly mounts on the base of the set behind the network using mounting screws provided in D-180250 Kit of Parts.

2.12 The M1A or M1B ringer can be used as a common audible signal or an individual line ringer. Ringer volume is adjustable by use of the volume control (accessible from the bottom of the set). Ringer cut off can be provided by removal of the volume control stop screw through an access hole in the base of the set.

2.13 A KS-8100 type buzzer can be mounted on the network, using the spacer and screw provided, for use as an auxiliary signal.

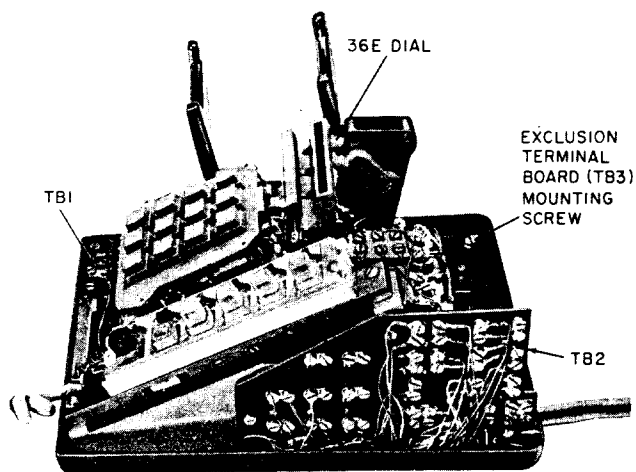


Fig. 3—2662A1 Telephone Set, Housing Removed

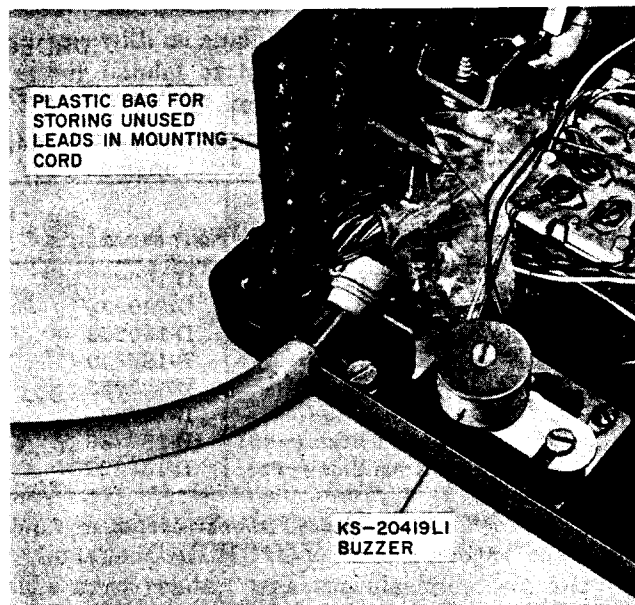


Fig. 5—KS-20419L1 Buzzer Location in 2662- or 2664-Type Telephone Set

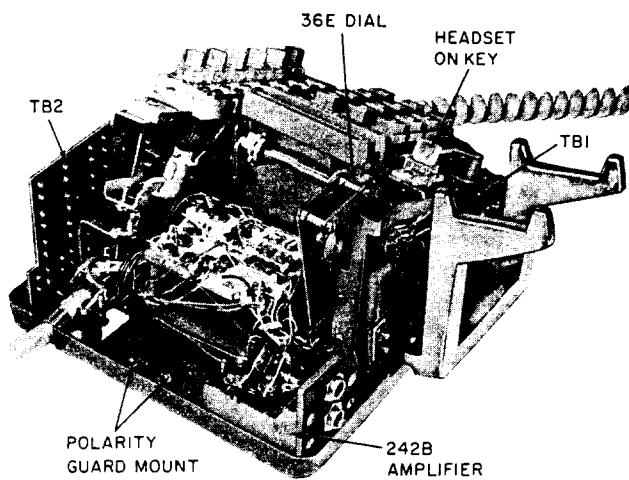


Fig. 4—2664A1 Telephone Set, Housing Removed