

## KS-19594 DIALER

### TELEPHONE SETS EQUIPPED WITH TOUCH-TONE® DIALS

### CONNECTIONS

#### 1. GENERAL

1.01 This section is reissued to:

- Add 2832- and 2833-type telephone sets, Table B

#### 2. CONNECTION



*The power supply cord should not be connected to the AC power line receptacle when removing the housing or making any connections.*

2.01 **Power Supply Unit:** Refer to dialer installation section for mounting instructions.

2.02 **Dialer Telephone Cord:**

- Standard six conductor cord
- Secure inside the equipment under a cord clamp or by taping to set mounting cord
- Dress wires to allow proper operation of equipment

2.03 **Dial Pulsing Contacts (red and green cord conductors):** Place in series with the green lead of TOUCH-TONE® dials.

2.04 **Off Normal Contacts (blue and white cord conductors):** Place across receiver contacts in telephone sets.

2.05 **Off Normal Contacts (yellow and black cord conductors):** Place across loudspeaker contacts in speakerphone sets.



*Test the operation of the dialer by recording and calling the telephone number usually called for job completion. For installations with speakerphones, be sure to test with speakerphone operating to insure proper connection to off normal contacts.*

2.06 **Connection Index:**

Table A—Dialer Connections To Telephone Sets Equipped With TOUCH-TONE Dials

Table B—Dialer Connections to CALL DIRECTOR®, TRIMLINE® and COM-KEY Telephone Sets Equipped With TOUCH-TONE Dials

Fig. 1—KS-19594 Dialer, Power Supply Connections

SECTION 512-125-410

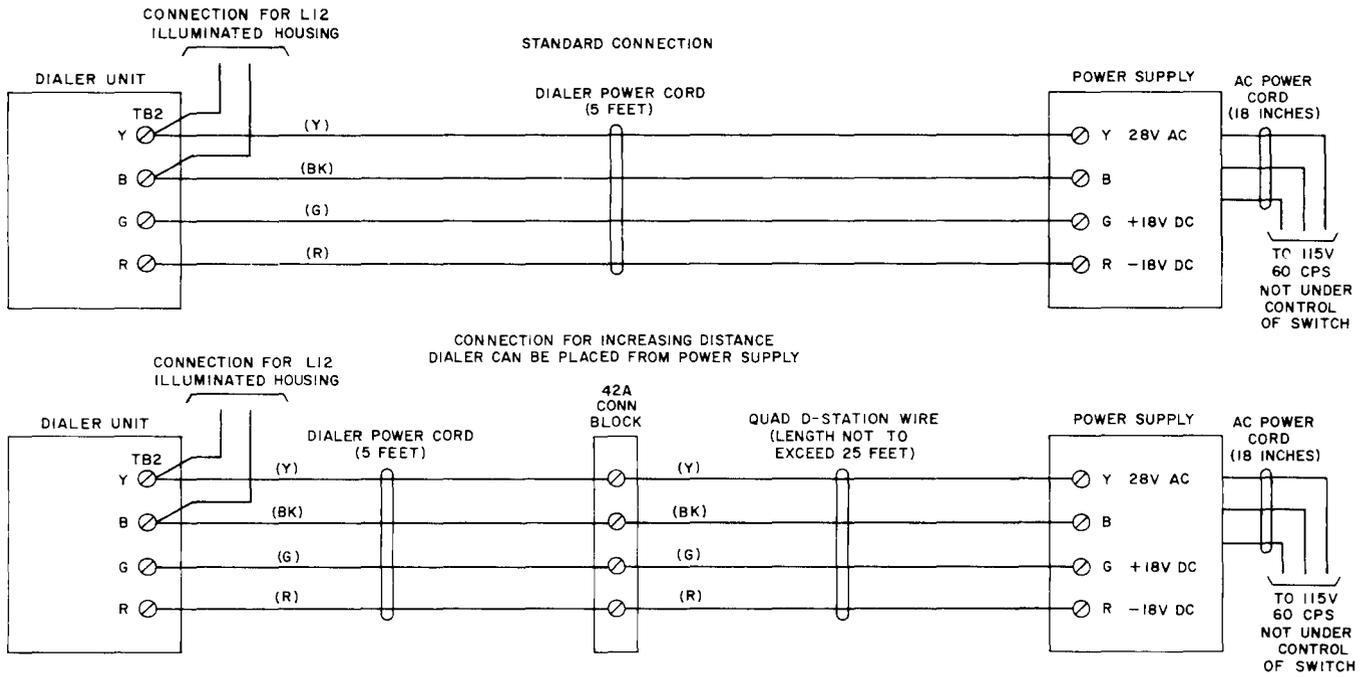


Fig. 1—KS-19594 Dialer, Power Supply Connections

TABLE A

DIALER CONNECTIONS TO TELEPHONE SETS EQUIPPED WITH *TOUCH-TONE* DIALS

KS-19594 DIALER TEL CORD		1500D 1500Y 1502B 1515B 1558D	1500M	1500S	1511F/H	1554B	1510F 1555B
P U L S I N G	R	Remove G dial lead from F on the network and	Remove G dial lead from 1 on the term. strip and	Remove G dial lead from 8 on the term. strip and	Remove G dial lead from F on the network and	Remove G dial lead from 1 on the term. strip and	Remove G dial lead from F on the network and
	Connect to R of dialer tel cord with D-161488 connector						
G	Term. F on the network	Term. 1 on term. strip	Term. 8 on term. strip	Term. F on the network	Term. 1 on term. strip	Term. F on the network	
O F F N O R M A L	W	With 25A3 or 25B3 dial term. GN on network					Term. GN on the network
		With 25W3 or 25Y3 dial term. R on network					
	BL	Term. 10 on term. strip	Term. E1 on term. strip	Term. 10 on term. strip	Term. L1 on the network	Term. 10 on term. strip	
S P E A K E R P H O N E	Y	Insulate and store		Term. 9 on term. strip	Term. 8 of the term. strip	Insulate and store in the tel set	
	BK	Insulate and store		Term. 6 on term. strip	Term. 4 of the term. strip	Insulate and store in the tel set	

TABLE A (Cont)

DIALER CONNECTIONS TO TELEPHONE SETS EQUIPPED WITH *TOUCH-TONE* DIALS

KS-19594 DIALER TEL CORD		1511D	1514B	1543DB (MD)	1563HB	1564HK 1564HL	1565GK 1565HK 1565LK	1568HT
P U L S I N G	R	Remove G dial lead from L1 on the network  and	Remove G dial lead from 2 on the term. strip  and	Remove G dial lead from L1 on the network  and			Remove G dial lead from L2 on the network  and	Remove G dial lead from 3 on the 636-type key term. strip and
	Connect to R of dialer tel cord with D-161488 connector							
	G	Term. L1 on the network	Term. 2 on the term. strip	Term. L1 on the network			Term. L2 on the network	Term. 3 on the 636-type key term. strip
O F F N O R M A L	W	Term. GN on the network	Term. 8 on the term. strip	Term. 1 on the term. strip	Term. 6 on the 241A amplifier	Term. R on the network	Term. GN on the network	Term. 2 on the 636-type key term. strip
	BL	Term. 13 on the term. strip	Term. 11 on the term. strip	Term. 2 on the term. strip	Term. 8 on the term. strip of 636-type key	Term. 7 on the term. strip of 636-type key	Term. 6 on the 636-type key term. strip	Term. 4 on the 636-type key term. strip
S P E A K E R P H O N E	Y	Term. 10 on the term. strip	Insulate and store in tel set				Term. 7 on the 636-type key term. strip	
	BK	Term. 12 on the term. strip	Insulate and store in tel set				Term. 8 on the 636-type key term. strip	

TABLE A (Cont)

DIALER CONNECTIONS TO TELEPHONE SETS EQUIPPED WITH *TOUCH-TONE* DIALS

KS-19594 DIALER TEL CORD		1702B 1702D 1712B 1713B	1750 1751 1753	1752	2500D	2511F	2554B 2558D	2702B 2702D 2712B 2713B
P U L S I N G	R	Remove G dial lead from F on the network  and		Remove G dial lead from N of the term. board  and	Remove G dial lead from F on the network  and			
	Connect to R of dialer tel cord with D-161488 connector							
	G	Term. F on network		N of the term. board	Term. F on the network			
O F F  N O R M A L	W	With 25A3 or 25H4 dial Term. GN on network		Term. GN on the network	Term. R on the network			
		With 25W3 or 25P4 dial Term. R on network						
	BL	Term. 5 of the term. strip	Term. 13 of the term. strip	Term. 6 of the term. board	Term. S on the network		Term. 10 of the term. strip	Term. 5 of the term. block
S P E A K E R P H O N E	Y	Insulate and store in tel set		Term. 7 of the term. board	Insulate and store in tel set	Term. 4 of the term. strip	Insulate and store in tel set	
	BK	Insulate and store in tel set		Term. 8 of the term. board	Insulate and store in tel set	Term. 8 of the term. strip	Insulate and store in tel set	

TABLE A (Cont)

DIALER CONNECTIONS TO TELEPHONE SETS EQUIPPED WITH *TOUCH-TONE* DIALS

KS-19594 DIALER TEL CORD		2500M 2502B 2510F 2515B	2500Y	2500S	2514B	2555B	2563HB
P U L S I N G	R	Remove G dial lead from term. 1 of term. strip and	Remove G dial lead from F on the network and	Remove G dial lead from term. 1 of term. strip and	Remove G dial lead from RR on the network and	Remove G dial lead from F on the network and	Remove G dial lead from L1 on the network and
	Connect to R of dialer tel cord with D-161488 connector						
	G	Term. 1 of the term. strip	F on the network	Term. 1 of the term. strip	RR on the network	F on the network	L1 on the network
O F F  N O R M A L	W	R on the network			Term. 8 of the term. strip	R on the network	Term. 8 on of the term. strip.
	BL	S on the network			Term. 1 of the 241A amplifier term. strip	Term. 10 of the term. strip	S on the network
S P E A K E R P H O N E	Y	Insulate and store		Term. E2 of the term. strip	Insulate and store		
	BK	Insulate and store		Term. L1 of Net.	Insulate and store		

TABLE A (Cont)

DIALER CONNECTIONS TO TELEPHONE SETS EQUIPPED WITH *TOUCH-TONE* DIALS

KS-19594 DIALER TEL CORD		2564HL	2565GK	2565HK 2565HL	2751 2753	2754	2752	2830A1M 2831A1M	2851A1M
P U L S I N G	R	Remove G dial lead from L1 on the net. and	Remove G dial lead from G on the net. and	Remove G dial lead from L2 on the net. and	Remove G dial lead from F on the net. and	Remove G dial lead from term. 3 of the term. board and		Remove G dial lead from term. 8 of the term. board and	Remove G dial lead from term. 20 of the term. board and
	Connect to R of dialer tel cord with D-161488 connector								
	G	L1 on the net.	G on the net.	L2 on the net.	F on the net.	Term. 3 of the term. board	Term. 8 of the term. board	Term. 20 of the term. board	
O F F N O R M A L	W	GN on the net.	R on the network						
	BL	Term. 7 of the term. strip	S on the net.	Term. 13 on term. strip TB1	Term. 6 of the term. board	S of the network			
S P E A K E R P H O N E	Y	Insulate and store	Term. 7 of the 589- or 636-type key term. strip	Insulate and store		Term. 7 of the term. board	Term. 24 of the term. board	Term. 17 of the term. board	
	BK	Insulate and store	Term. 8 of the 589- or 636-type key term. strip	Insulate and store		Term. 8 of the term. board	Term. 30 of the term. board	Term. 15 of the term. board	

→TABLE B←

**DIALER CONNECTIONS TO *CALL DIRECTOR*, *TRIMLINE*, AND COM-KEY TELEPHONE  
SETS EQUIPPED WITH *TOUCH-TONE* DIALS**

		<u>TRIMLINE</u>		<u>CALL DIRECTORS</u>				
		1220A AND 2220B HAND TEL SET	1616A2	1623A	1630 1631 1632 1634 1635 2631 2632	1636 1637 1638 1639 2636 2637	2630 2634 2635	2638 2639
P U L S I N G	R	Connect to G of inside wire (one side of CO line) at suitable connecting block. Disconnect G of D5AL mounting cord	Remove G dial lead from term. 6 on term. board TB2 and		Remove G dial lead from term. 4 on the term. block and			Connect to R of dialer tel cord with D-161488 connector
	G	Connect to G of D5AL mounting cord at spare connecting block term., or use D-161488 connector	Term. 6 on term. board TB2		Term. 4 on the term. block			
O F F N O R M A L	W	Connect to G of D5AL mounting cord and G of the dialer tel cord	Term. 5 on the 241A amplifier	L1 on the network	GN on the network	Term. 5 on the 241A amplifier	R on the network	Term. 6 on the 241A amplifier
	BL	Connect to R of D5AL mounting cord and R of inside wire at connecting block term.	L1 on the network	L2 on the network	Term. L1 on the network			
S P E A K E R P H O N E	Y	Insulate and store	Term. 4 on term. board TB2	Term. 11 of term. block		Insulate and store	Term. 11 on term. block	Insulate and store
	BK	Insulate and store	Term. 5 on term. board TB2	Term. 12 of term. block		Insulate and store	Term. 12 on term. block	Insulate and store

→TABLE B (Cont)←

DIALER CONNECTIONS TO *CALL DIRECTOR*, *TRIMLINE*, AND *COM-KEY* TELEPHONE SETS EQUIPPED WITH *TOUCH-TONE* DIALS

		<u>CALL DIRECTORS</u>		COM-KEY
		2630DA 2631DA	2636CA 2637DA	2832-TYPE 2833-TYPE
P U L S I N G	R	Remove G dial lead from 12 on TS and connect to R of dialer tel cord with D-161488 connector		Remove G dial lead from F on network and connect to R of dialer tel cord with D-161488 connector
	G	Term. 12 on terminal strip		F on network
O F F N O R M A L	W	GN on network	Term. 5 on 241 amp	R on network
	BL	R on network	L1 term. on network	S on network
S P E A K E R P H O N E	Y	Insulate and store		Terminal 24 of the terminal board
	BK	Insulate and store		Terminal 30 of the terminal board