

KEY TELEPHONE SETS

565LDR

CONNECTIONS

1. GENERAL

1.01 This section is reissued to remove identification and general descriptive material which can be found in Section 502-525-100 and to revise Fig. 1 and Tables A, D, and G.

2. CONNECTION INDEX

Table A — Leads to be Disconnected When Connecting 565LDR Sets in Multiple through Bridging Adapter

Table B — Cutoff of Ringer or Buzzer in Set

Table C — Ringer or Buzzer Connections

Table D — 1A and 1A1 Conversion

Table E — Cutoff of Set Ringer or Buzzer by Exclusion Key

Table F — Line Exclusion

Table G — Cutoff of External Circuits

Table H — Pickup Signal Key Conversion

Fig. 1 — 565LDR Key Telephone Set, Connections

TABLE A
LEADS TO BE DISCONNECTED WHEN CONNECTING 565LDR SETS IN MULTIPLE THROUGH BRIDGING ADAPTER

LEAD DESIG	LEAD COLOR		REMOVE FROM	
	EXCLUSION	SPEAKERPHONE	NETWORK	TERMINAL STRIP
T1		V-G	RR	
P3		V-BR		ON-1
P4		BR-V		ON
LK		S-V		L1*
AG		V-S		N
R1		G-V		R
T	V-BL			ET
R	BL-V			ER
A or H	V-O			EH
B	O-V			EB

* Terminal on network.

TABLE B
CUTOFF OF RINGER OR BUZZER IN SET
(R and RR terminals on terminal strip)

CUTOFF		LEADS							
		RINGER				BUZZER		CUTOFF KEY	
		R	BK	S	S-R	R	BK	R-W	G-W
Of Bridged Ringer on Any Line		CR	CT	K	A			R*	T*
Of Common or Private Line Ringer or Buzzer (See Note 2, Fig. 1.)	With Capacitor	CR	CT	K	A			RR	RT
	Without Capacitor	CR	CT	A	A	CR	CT	RR	RT
Of Bridged Line Ringer When Used with First Feature in Table C		XR	XT	K	A			R*	T*

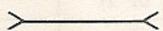
* Terminal of line involved.

TABLE C
RINGER OR BUZZER CONNECTIONS
(RR terminals on terminal strip)

OPTION		LEADS					
		RINGER				BUZZER	
		R	BK	S	S-R	R	BK
Bridged Ringer on Any Line		R*	T*	K	A		
Common or Private Line Ringer or Buzzer (See Note 2, Fig. 1.)	With Capacitor	RR	RT	K	A		
	Without Capacitor	RR	RT	A	A	RR	RT
Ringer Permanently Silenced		A	K	K	A		

* Terminal of line involved.

TABLE D
1A AND 1A1 CONVERSION
(R terminal on terminal strip)

STATION BUSY LAMP CIRCUIT	KEY TEL SYS	LEADS								M1W CORD 	DIODE KS-15724, L1 
		SWITCH			HOLD KEY		EXCLUSION KEY	D50D CORD COND			
		S-W	S-G	S-Y	Y	Y-BK		BR-R	G-V		
No	1A	SG	L2*	N	R	M	1B	N	†		
	1A1	1B	N	R	M	N	EB	R	N		
Yes	1A	SG	L2*	N	R	M	1B	N	L2*		
	1A1	1B	L2*	R	M	N	EB	R	L2*	G* to N	G* to L2*

* Terminals on network.

† Insulate and store.

TABLE E
CUTOFF OF SET RINGER OR BUZZER BY EXCLUSION KEY
 (RR terminal on terminal strip)

CUTOFF	LEADS										
	RINGER				BUZZER			EXCLUSION KEY			
	R	BK	S	S-R	R	BK	R-Y	G-Y	BR-R	BK-W	
Bridged Ringer on Any Line	ER	ET	K	A			R*	T*	EB	EH	
Common or Private Line Ringer or Buzzer (See Note 2, Fig. 1.)	With Capacitor	ER	ET	K	A			RR	RT	EB	EH
	Without Capacitor	ER	ET	A	A	ER	ET	RR	RT	EB	EH

* Terminal of line involved.

TABLE F
LINE EXCLUSION

EXCLUSION	KEY TEL SYS	EXCLUSION KEY LEADS			
		R-Y	G-Y	BR-R	BK-W
On Any Line	1A	R*	T*	1B†	H*
	1A1	R*	T*	EB	H*

* Terminal of line involved.

† See Note 7, Fig. 1.

TABLE G
CUTOFF OF EXTERNAL CIRCUITS

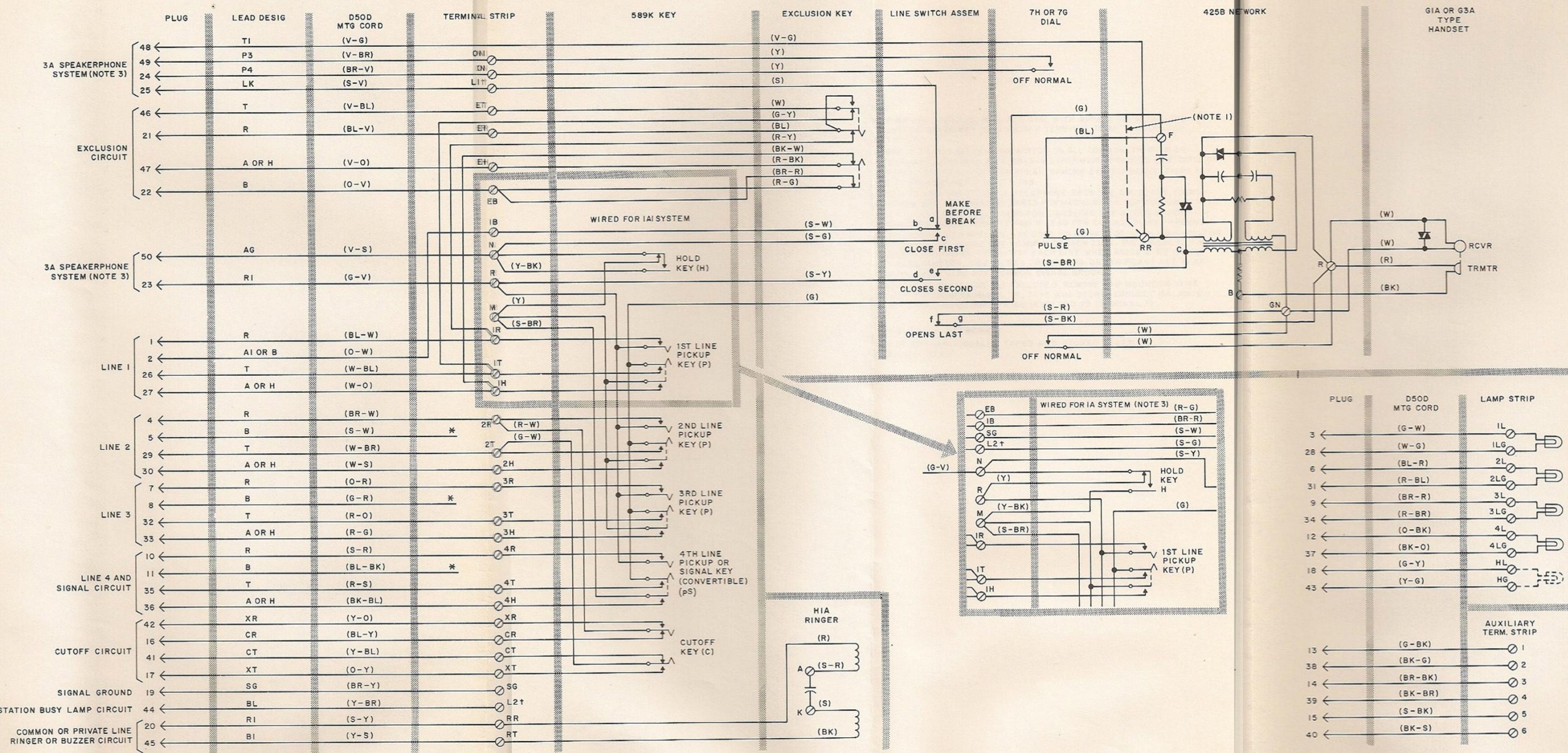
CUTOFF	CUTOFF KEY LEADS	
	R-W	G-W
Of Ring and Tip of Any Line	R*	T*
Of Head Receiver Used as Listening-In Set	R†	GN†
Of Controlled 1A Key Telephone System Station	CT	XT

* Terminal of line involved.

† Terminal on network.

TABLE H
PICKUP SIGNAL KEY CONVERSION
 (See Notes 4, 5, and 6; Fig. 1)

CONVERTIBLE KEY OPTIONS	KEY LEAD S-BR
HPPPPC	M
HPPPSC	SG



- NOTES:
1. FOR MANUAL SERVICE, REPLACE DIAL WITH APPARATUS BLANK AND TRANSFER GREEN KEY LEAD FROM F TERMINAL TO RR TERMINAL ON NETWORK.
 2. CONNECT RINGER WITHOUT CAPACITOR ON ALL COMMON, PRIVATE, OR INTERCOMMUNICATING LINES, UNLESS OTHERWISE SPECIFIED (SEE TABLE C).
 3. REFER TO SECTION COVERING SPEAKERPHONE SYSTEM CONNECTIONS FOR KEY TELEPHONE SET CONNECTIONS.
 4. REFER TO SECTION COVERING TELEPHONE SETS 540, 560 TYPES, IDENTIFICATION AND ASSEMBLY OF PARTS FOR MECHANICAL CONVERSION OF KEYS.
 5. WHEN USING CONVERTIBLE KEYS FOR SIGNALING, USE S LEAD OF KEYS INVOLVED FOR SIGNAL CIRCUIT AND G LEAD FOR COMMON SIGNAL GROUND.
 6. THESE PICKUP KEY OPTIONS ARE USED ON PRIVATE OR INTERCOMMUNICATING LINES WITH THE SIGNAL KEY COMMON TO EACH LINE. THE SIGNAL KEY WILL OPERATE THE SIGNAL CIRCUIT OF EACH LINE WHEN ASSOCIATED PICKUP KEY IS DEPRESSED. USE S LEAD ON 2ND, 3RD, OR 4TH PICKUP KEY AS REQUIRED, AND G LEAD FOR COMMON SIGNAL GROUND.
 7. WHEN OTHER THAN LINE 1 IS EXCLUDED, REMOVE O-W MOUNTING CORD CONDUCTOR FROM TERMINAL IB; TAPE AND STORE. CONNECT BALANCE LEAD CORD CONDUCTOR OF LINE INVOLVED TO TERMINAL IB.

† TERMINAL ON NETWORK
 * LEADS ARE INDIVIDUALLY TAPED AND STORED UNDER TERMINAL STRIP.

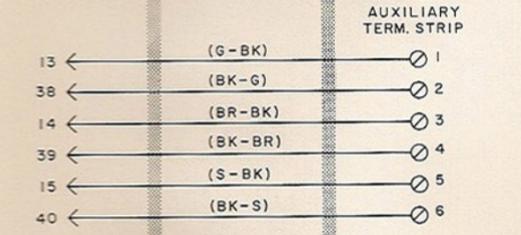
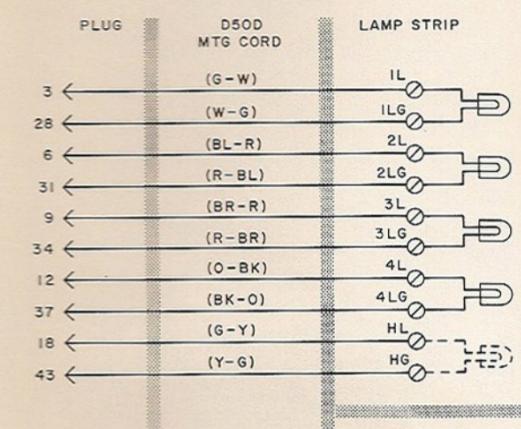
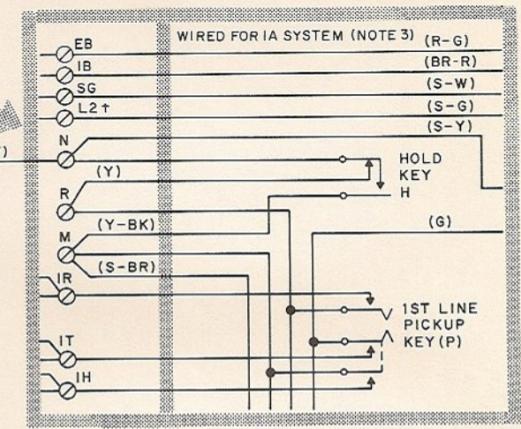


Fig. 1 — 565LDR Key Telephone Set, Connections