

1A AND 1A1 SPEAKERPHONE SYSTEMS

CONNECTIONS

1.00 GENERAL

The wiring diagrams shown in this section cover the connections between speakerphone components. Refer to Table A, Index for Speakerphone Components.

- For additional connection information, refer to SD-69255-01.
- For internal wiring of telephone sets, refer to the appropriate C Section.

TABLE A
INDEX FOR SPEAKERPHONE COMPONENTS

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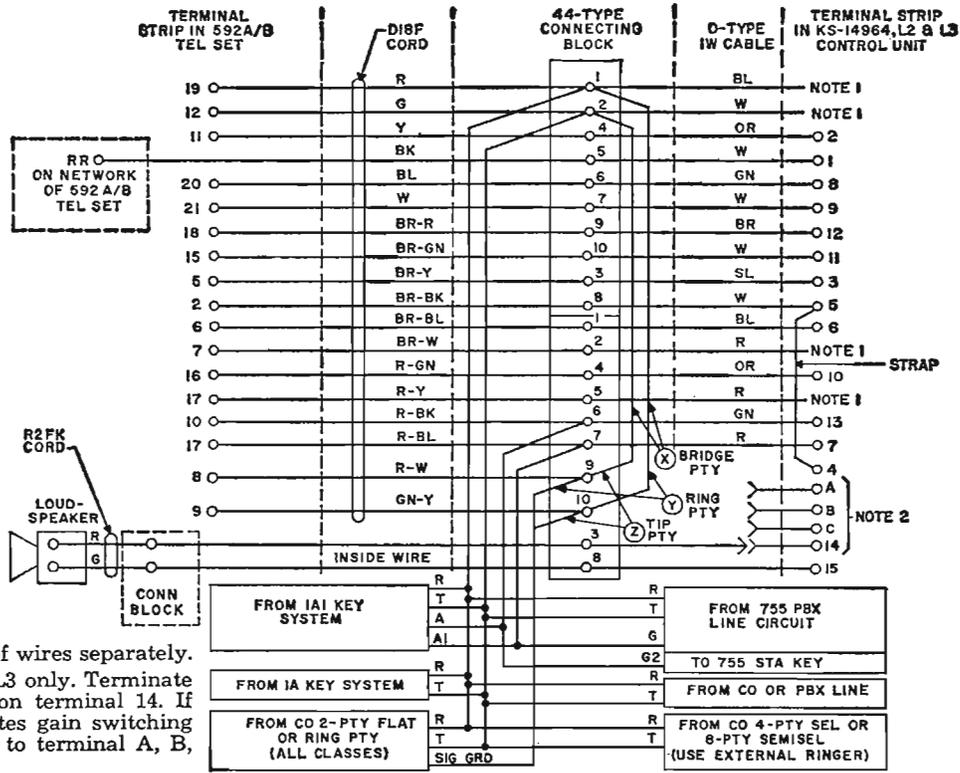


Fig. 1 — 1A and 1A1 Speakerphone System — 592-type Telephone Set Manufactured Prior to November, 1954

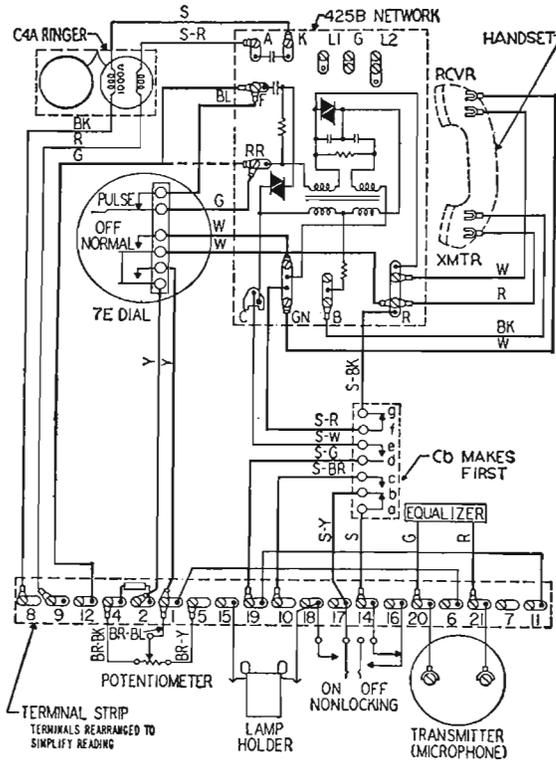


Fig. 2 — 592-type Telephone Set Manufactured Prior to November, 1954

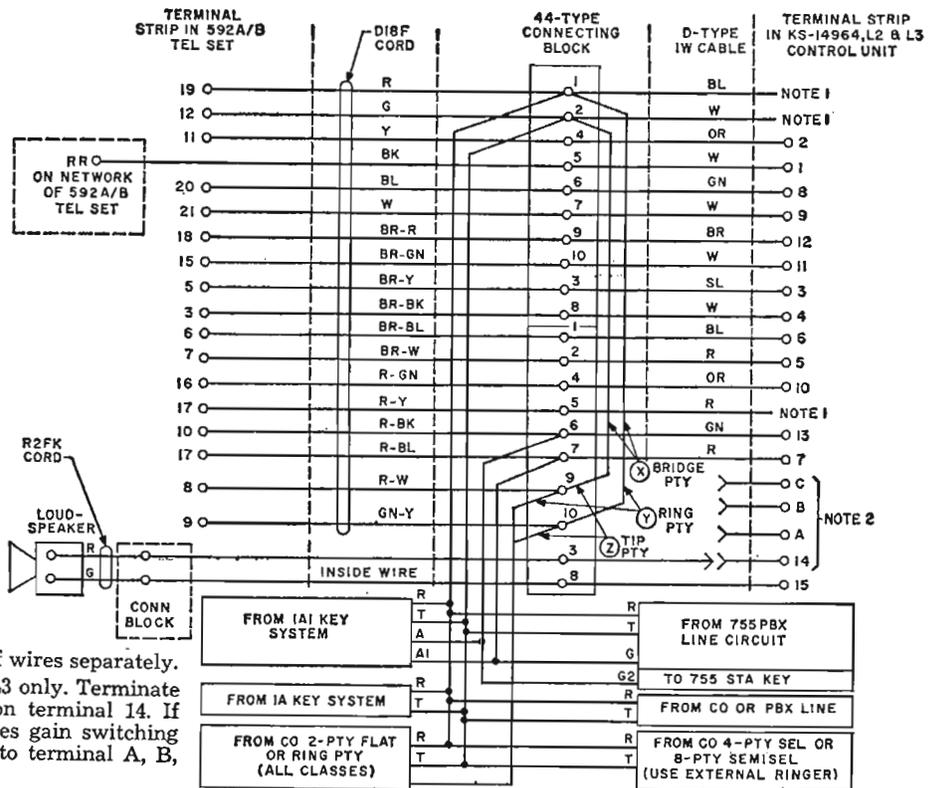


Fig. 3 – 1A and 1A1 Speakerphone System – 592-type Telephone Set Manufactured After November, 1954

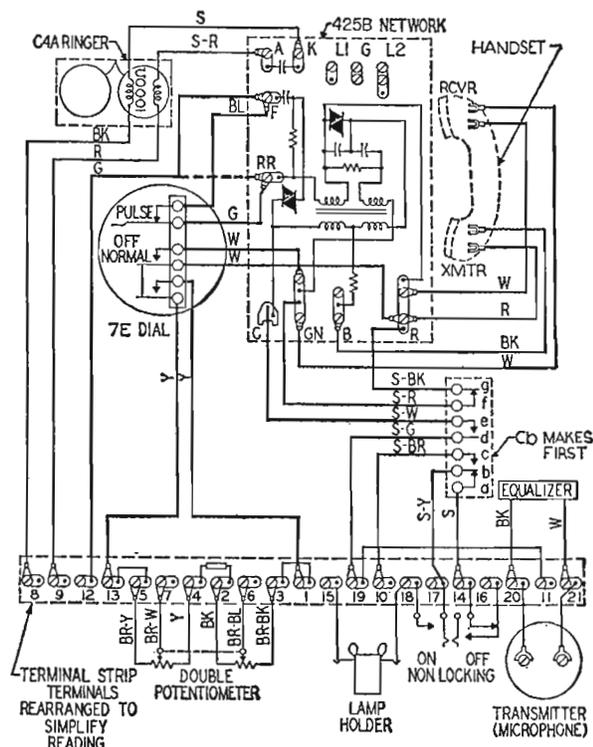


Fig. 4 – 592-type Telephone Set Manufactured After November, 1954

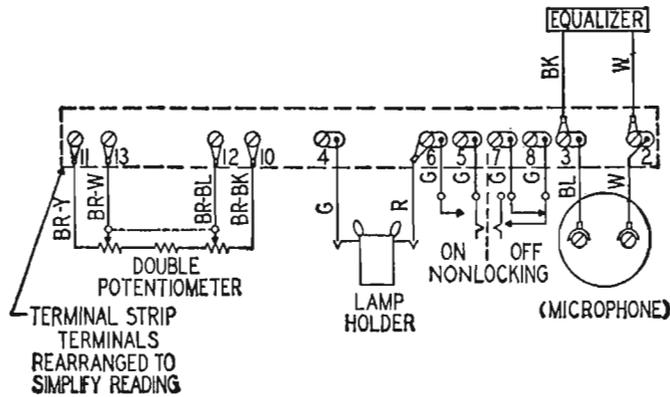


Fig. 5 — 656A Transmitter Unit

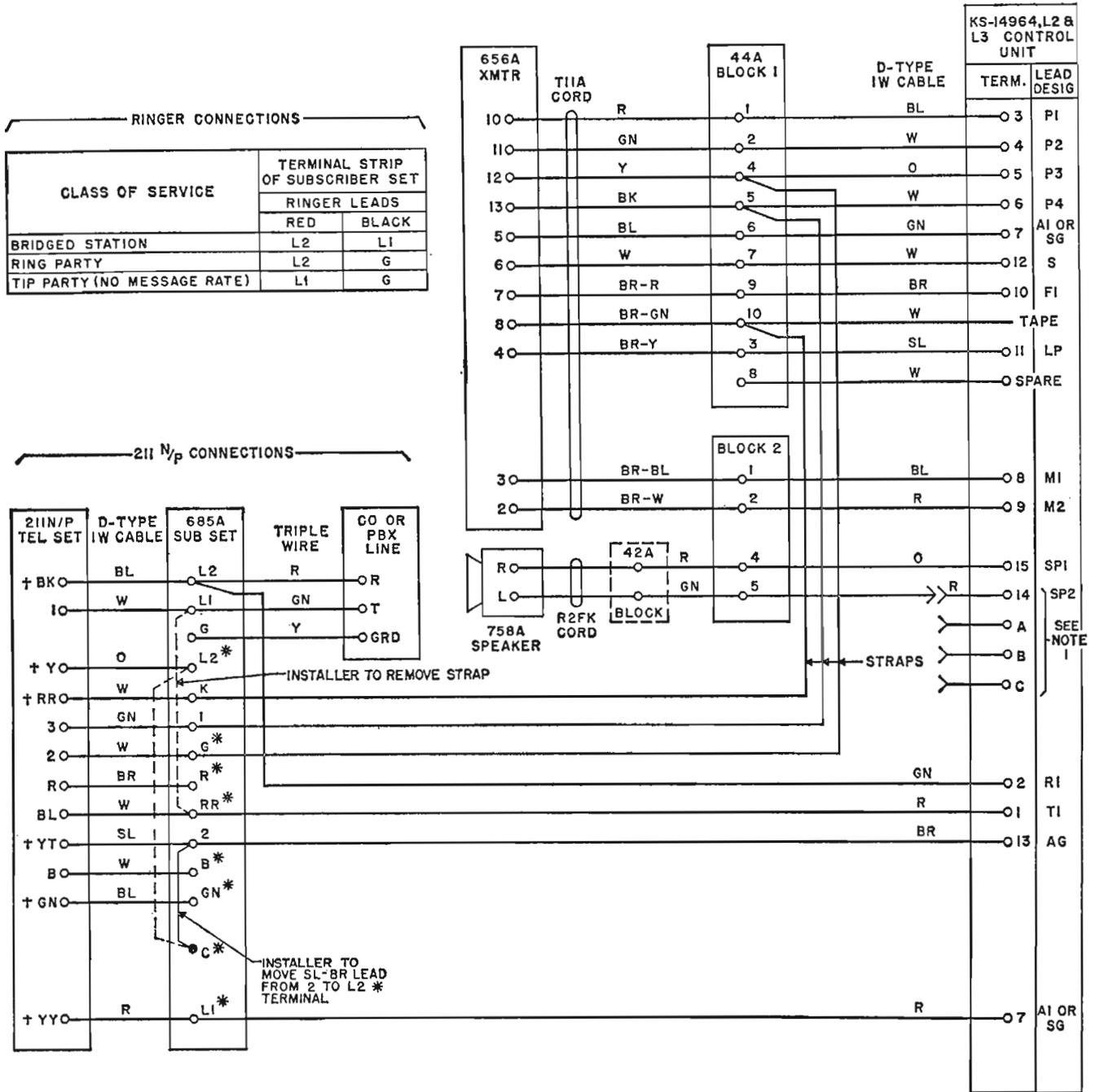
TABLE B
1A AND 1A1 KEY TELEPHONE SET CONVERSIONS
(With and Without Station Busy Lamps)

Tele- phone Set	Station Busy LP Circuit	Key Tel Sys	Switch			Hold Key		Dial Leads		Cord Conductors		M1W Cord
			SL-W	SL-GN	SL-Y	Y	Y-BK	Y	Y	OR-R	OR	
565HA 565HB 565LA 565LB	No	1A	SG	L2*	N	R	M	ON	ON 1	N	†	—
		1A1	1B	N	R	M	N	ON	ON 1	R	N	—
	Yes	1A	SG	L2*	N	R	M	ON	ON 1	N	L2*	—
		1A1	1B	L2*	R	M	N	ON	ON 1	R	L2*	G to N*
565GA 565GB	No	1A	SG	L2*	N	—	—	ON	‡	N	M	—
		1A1	1B	M	N	—	—	ON	‡	N	M	—
	Yes	1A	SG	L2*	N	—	—	ON	‡	N	L2*	—
		1A1	1B	L2*	N	—	—	ON	‡	N	L2*	G to M*

* On network.

† Tape and store.

‡ Terminal not provided—connect to OR-W conductor of mounting cord with D161488 connector, or equivalent.

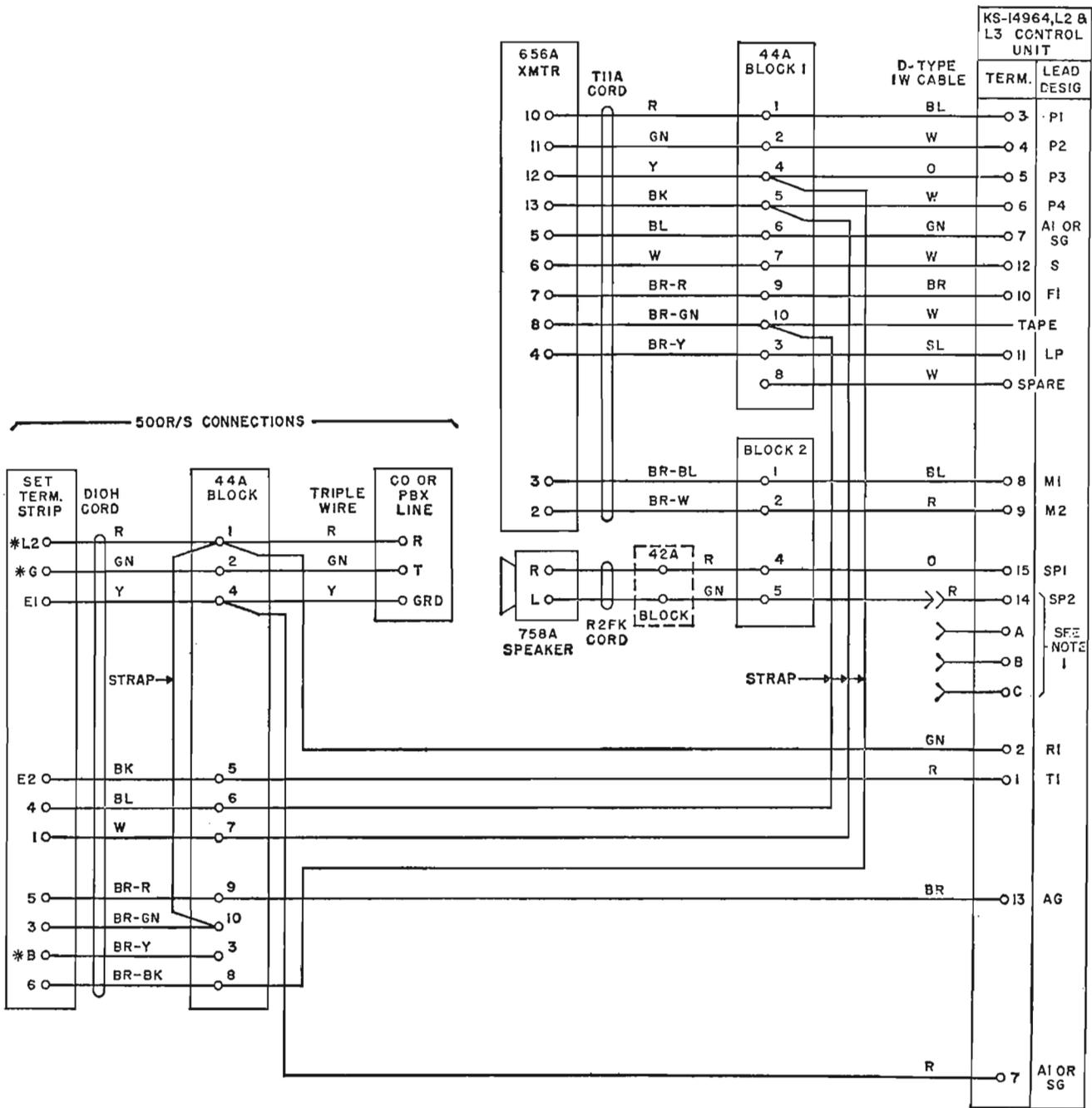


* Terminals on network.

† Terminals on switchhook.

Note 1: KS-14964, L3 only. Terminate loudspeaker lead on terminal 14. If loudspeaker operates gain switching circuit, move lead to terminals A, B, or C, respectively.

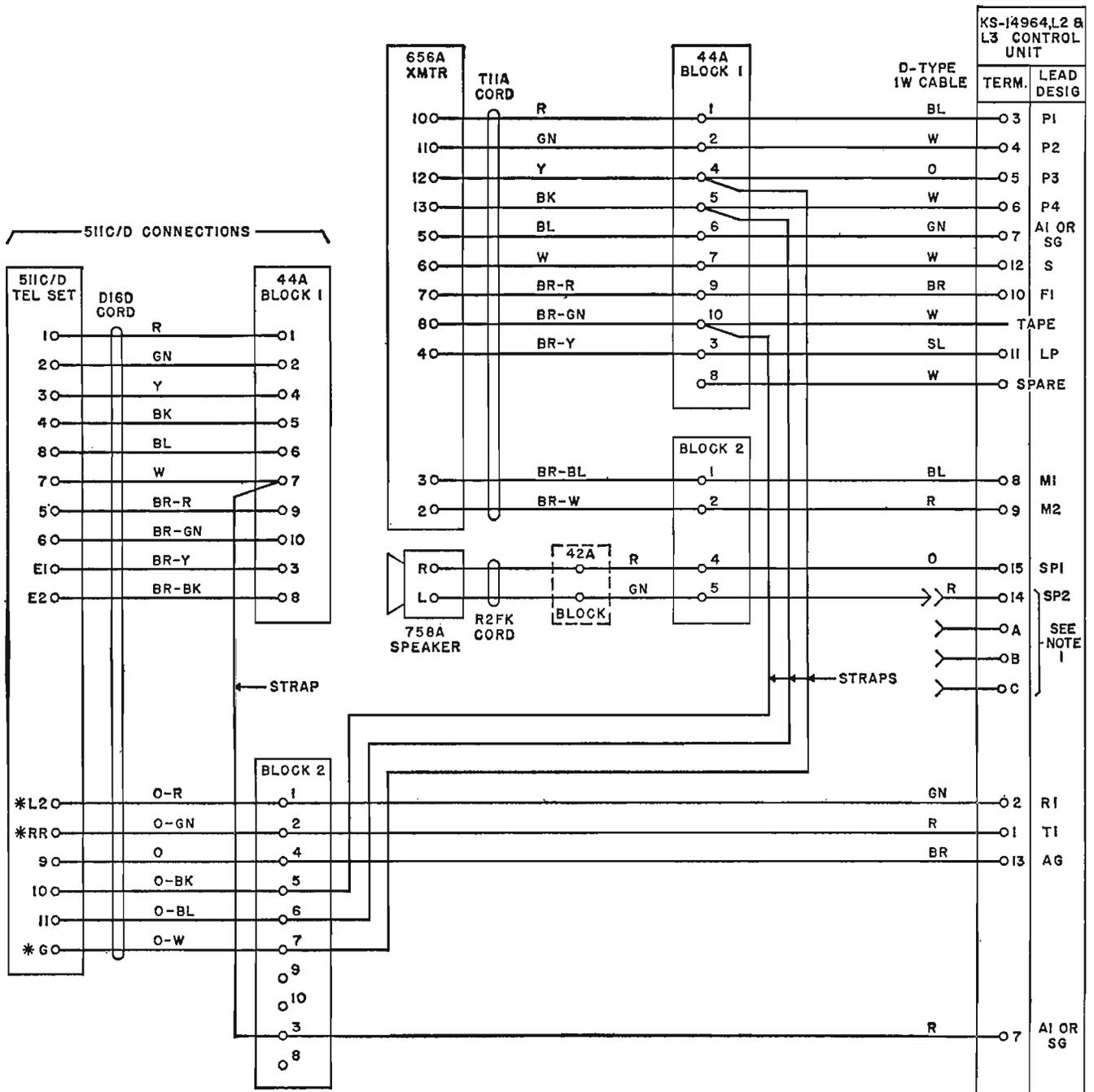
Fig. 6 - 211N/P Telephone Set



* Terminal on network.

Note 1: KS-14964, L3 only. Terminate loudspeaker lead on terminal 14. If loudspeaker operates gain switching circuit, move lead to terminals A, B, or C, respectively.

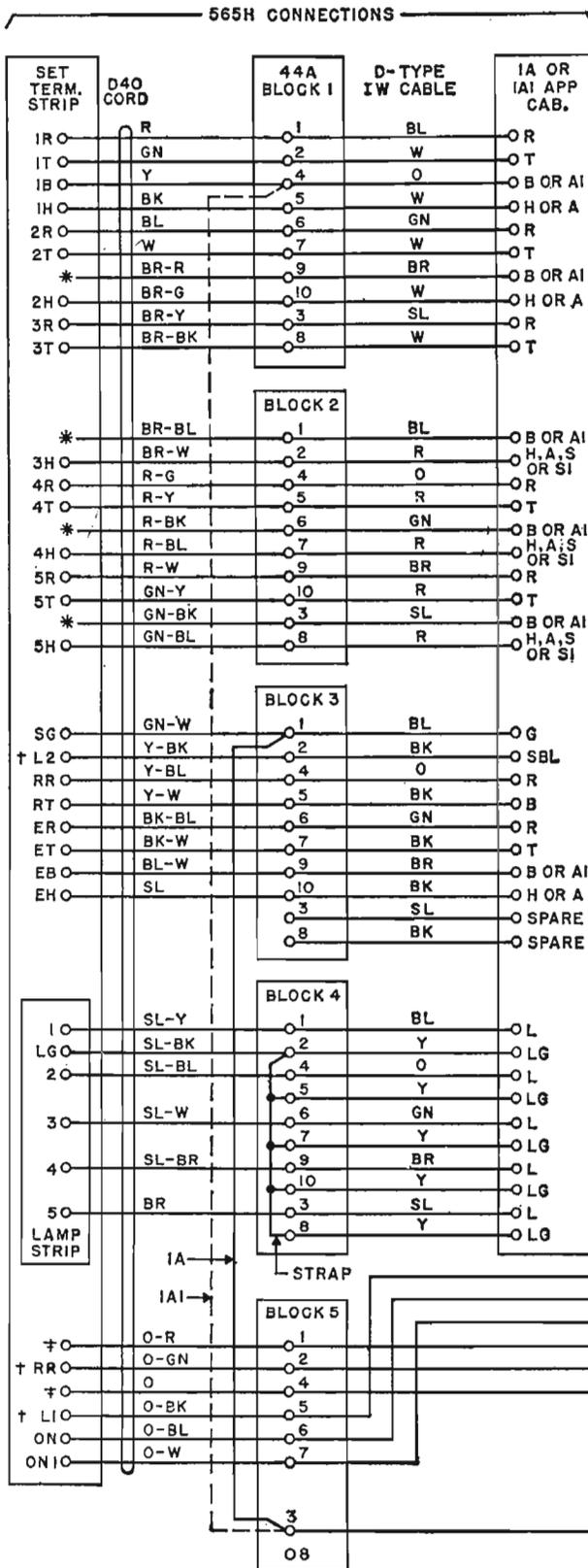
Fig. 7 — 500R/S Telephone Set



* Terminals on network.

Note 1: KS-14964, L3 only. Terminate loudspeaker lead on terminal 14. If loudspeaker operates gain switching circuit, move lead to terminals A, B, or C, respectively.

Fig. 8 - 511C/D Telephone Set



Note 1: KS-14964, L3 only. Terminate loudspeaker lead on terminal 14. If loudspeaker operates gain switching circuit, move lead to terminals A, B, or C, respectively.
 * Cord conductors taped and stored in set.
 † Terminals on network.
 ‡ See conversion Table B.

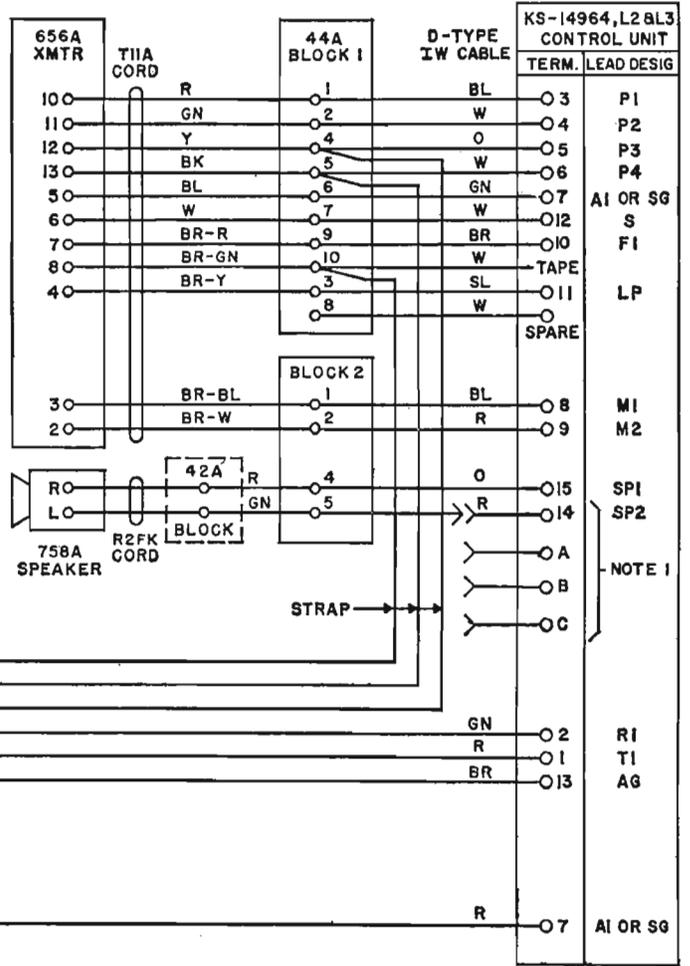


Fig. 10 - 565H Telephone Set

565L CONNECTIONS

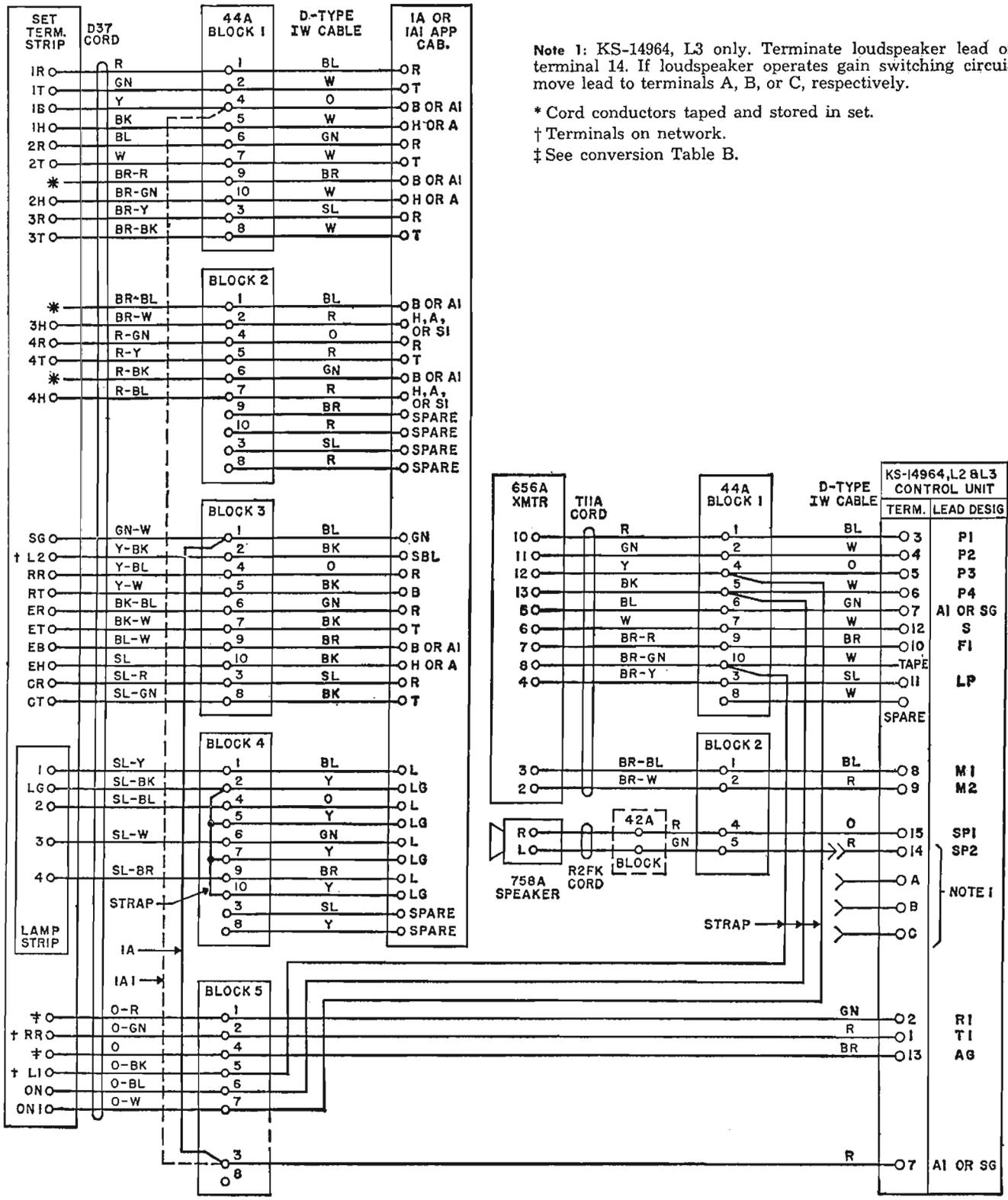
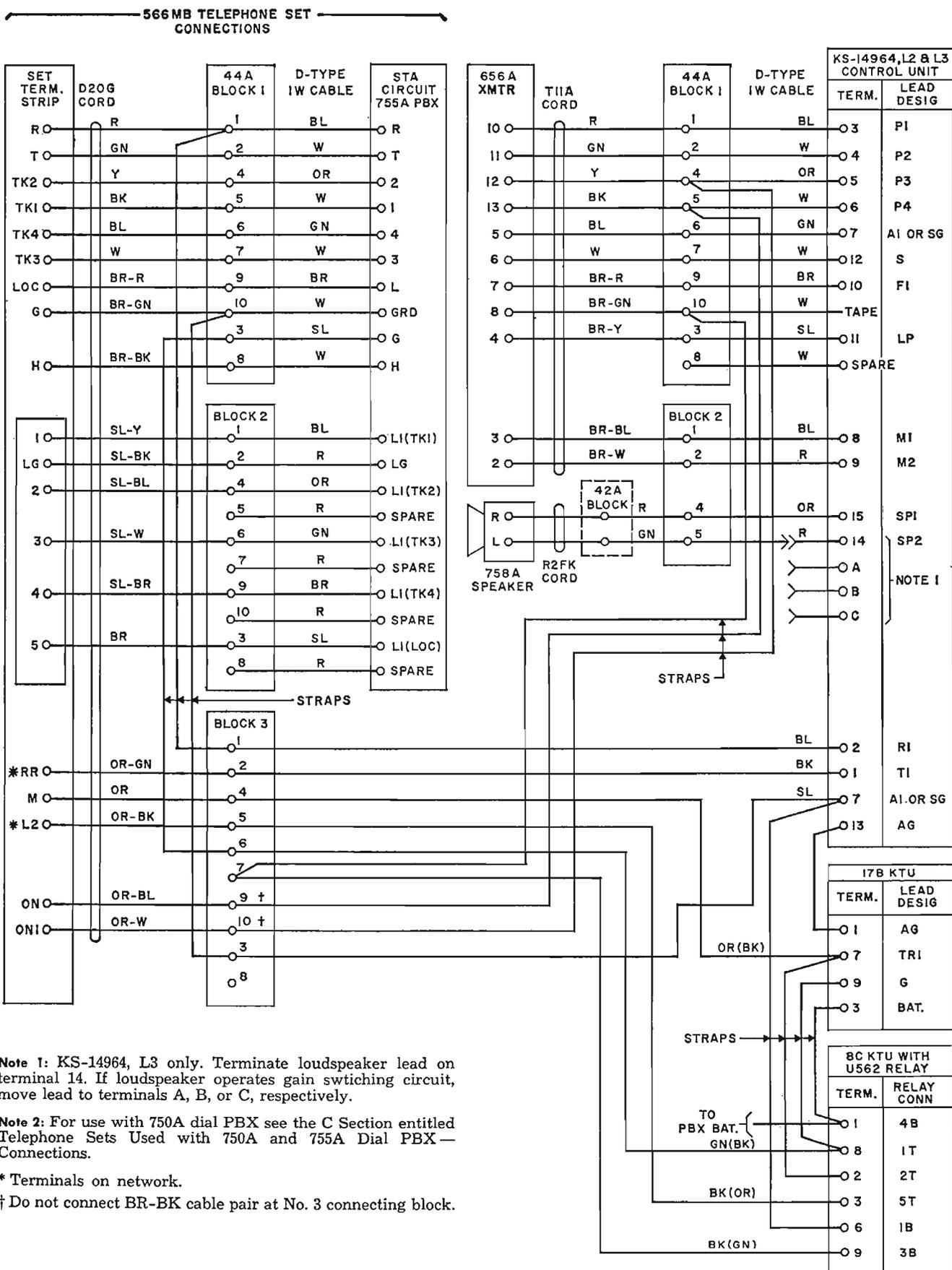


Fig. 11 — 565L Telephone Set



Note 1: KS-14964, L3 only. Terminate loudspeaker lead on terminal 14. If loudspeaker operates gain switching circuit, move lead to terminals A, B, or C, respectively.

Note 2: For use with 750A dial PBX see the C Section entitled Telephone Sets Used with 750A and 755A Dial PBX—Connections.

* Terminals on network.

† Do not connect BR-BK cable pair at No. 3 connecting block.

Fig. 12 — 566MB Telephone Set

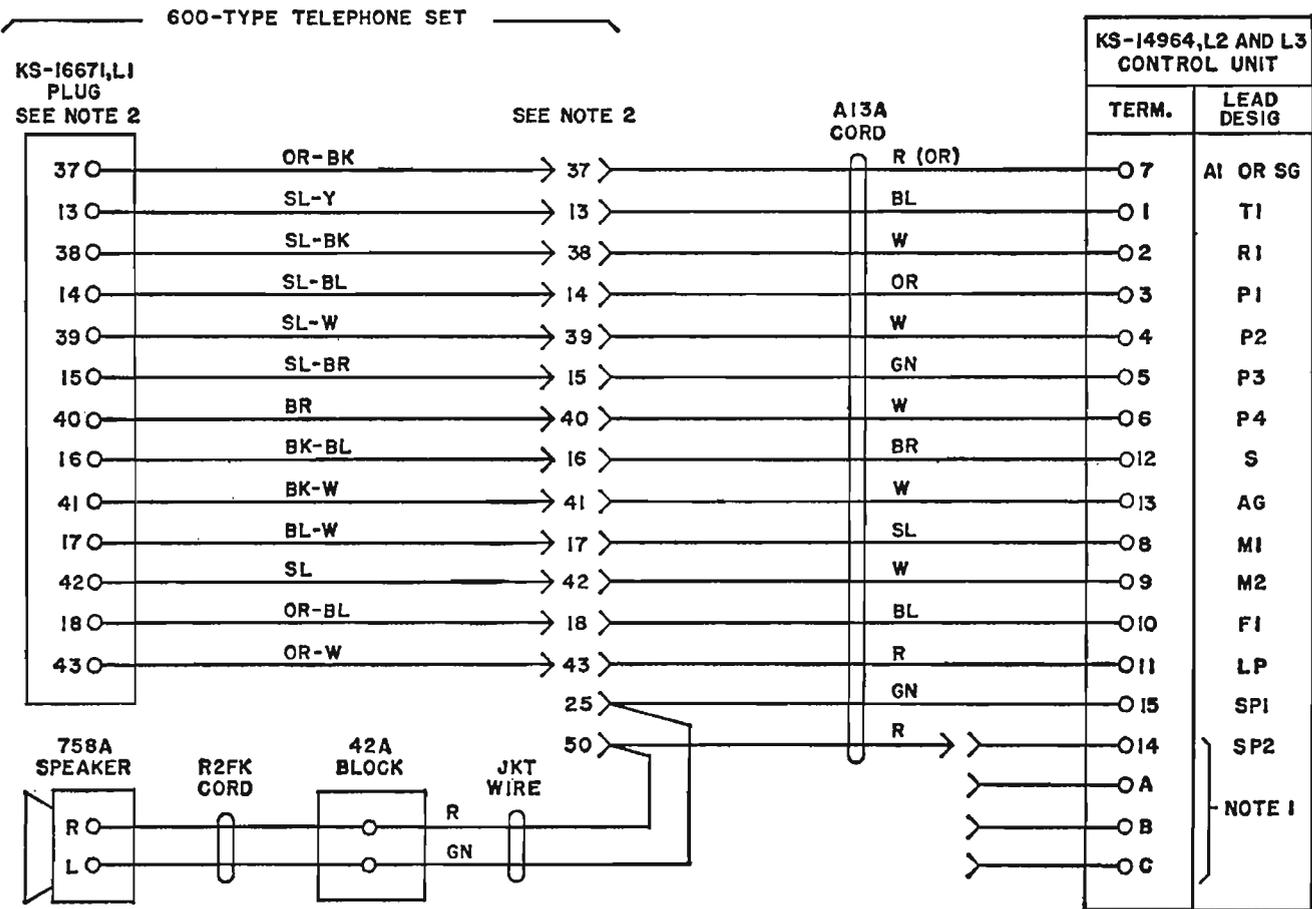


Fig. 13 – 600A and B or 601A and B Telephone Sets with 661A Transmitter Unit

661A TRANSMITTER INTERNAL LEAD CONNECTIONS		
Lead Desig	Lead Color	600A and B or 601A and B
T1	OR-GN	RR of Network
R1	OR-R	1 of Ringer TS
P3	OR-W	BB of Dial
P4	OR-BL	W of Dial
LK	OR-BK	L1 of Network
AG	OR	G of Network
A1	Y	4 of Ringer TS

Note 1: KS-14964, L3 only. Terminate loudspeaker lead on terminal 14. If loudspeaker operates gain switching circuit, move lead to terminals A, B, or C, respectively.

Note 2: Third KS-16671, L1 plug and KS-16690, L1 connector on 600A and B telephone sets; fifth KS-16671, L1 plug and KS-16690, L1 connector on 601A and B telephone sets.

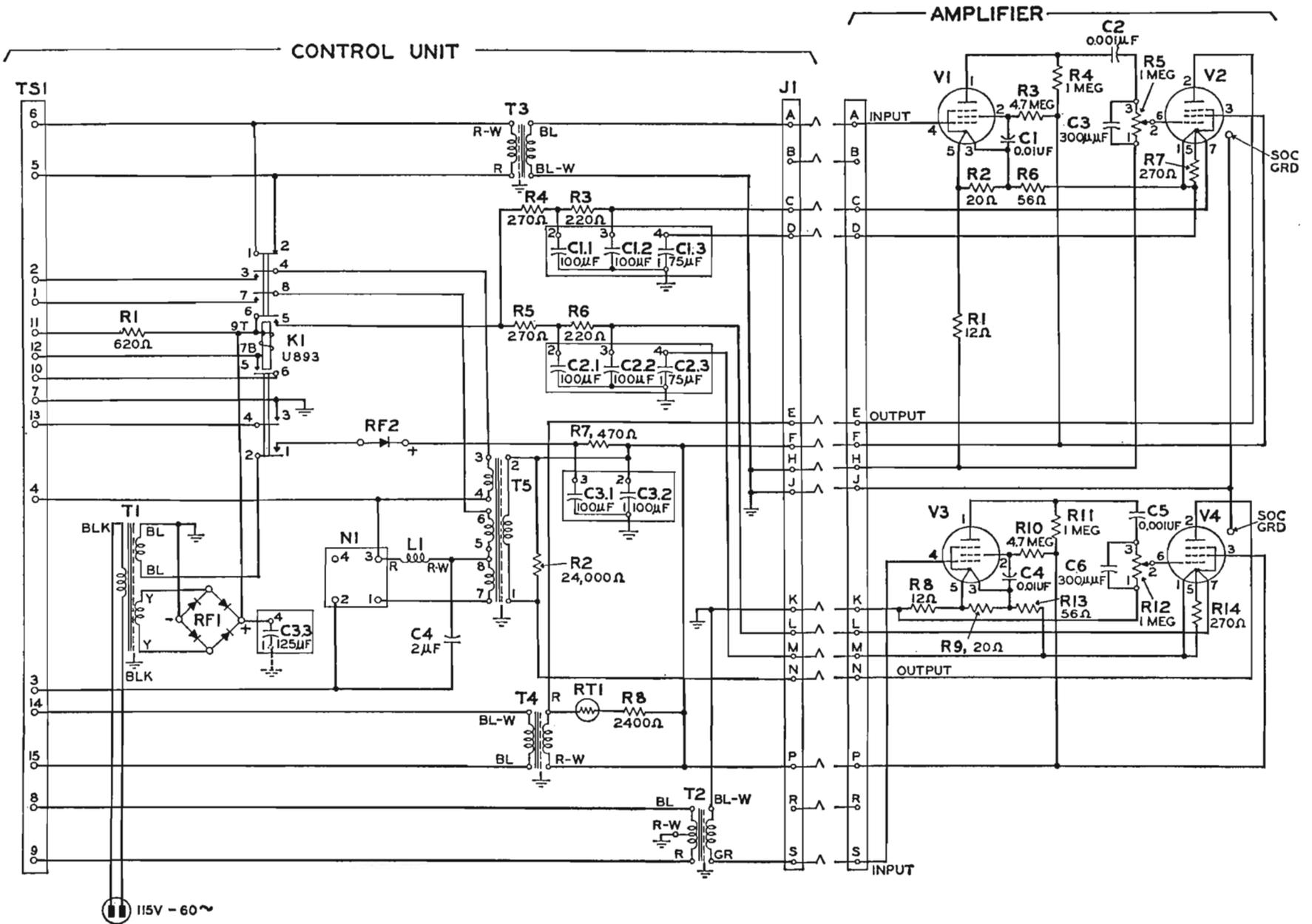


Fig. 15 - KS-14964, List 2 Control Unit with KS-14990 Amplifier

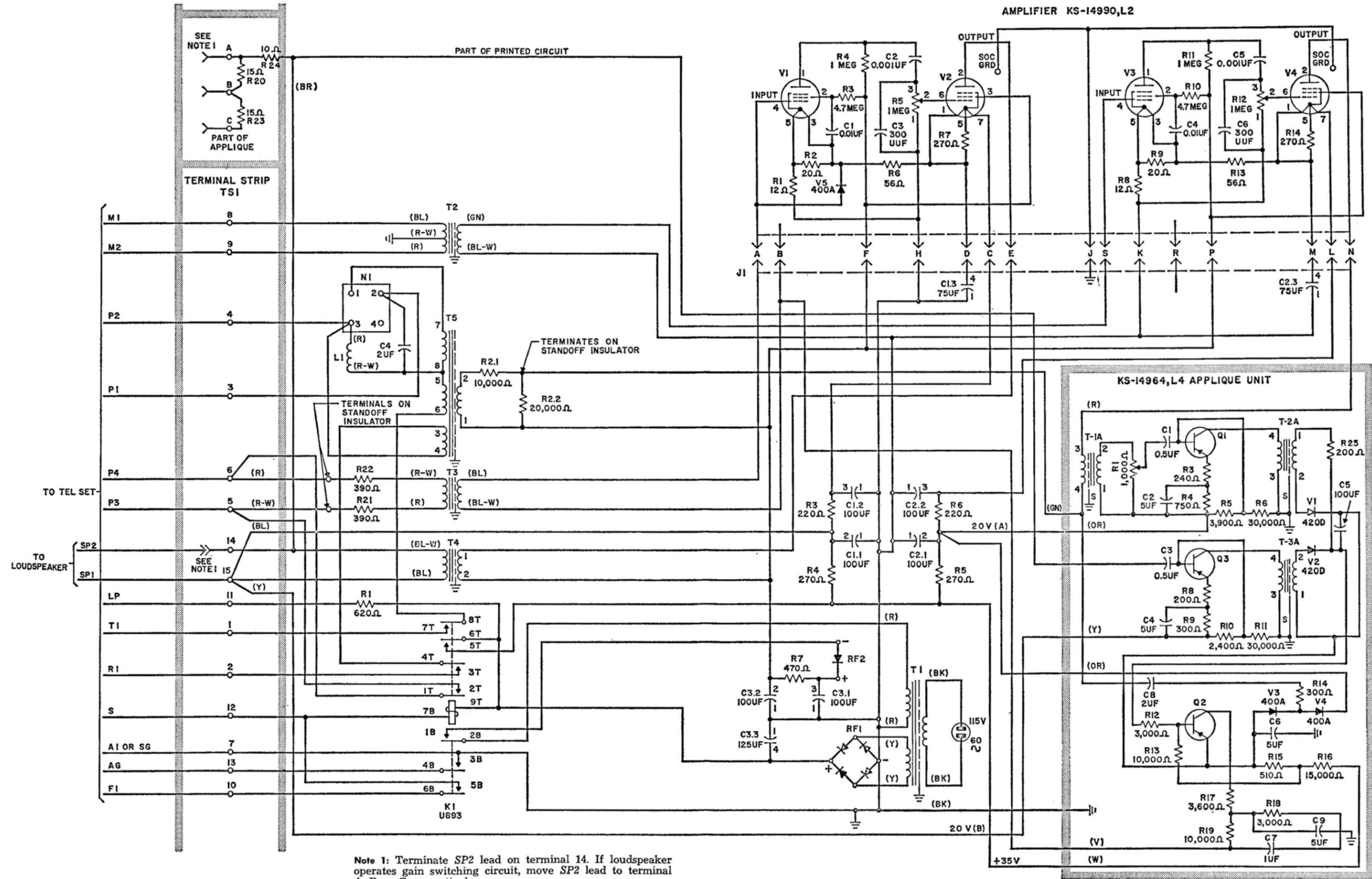


Fig. 16 - KS-14964, List 3 Control Unit with KS-14990, List 2 Amplifier