

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C32.563
Issue 1, May, 1956
AT&T Co Standard

755A DIAL PBX

COMBINED KEY TELEPHONE SETS

CONNECTIONS

1. GENERAL

1.01 This section covers the connections for the 462AC, 466AC, 566FB, and 566MB combined key telephone sets used with the 755A dial PBX.

1.02 The wiring diagrams in this section show the connection for each set to the 755A PBX including the 44A connecting blocks and inside wiring cable.

1.03 The table in Fig. 4 shows the wiring options of the 566MB combined telephone set when used or not used with speakerphone system 1A.

2. CONNECTIONS

2.01 Cords and conductors within the set are to be mechanically arranged so as to obtain correct anchorage, and to avoid interference with moving parts, ringers, gongs, etc.

2.02 The ringing bridge is high impedance and the limitations are as follows:

Type Station		Maximum Ringers
Key or Keyless	Conference	2
	Nonconference	4

Type Set	Features	Wiring Diagram Fig. No.	Wiring Change
462AC*	HPPPPL	1	
466AC	HPPPPL-III.	2	†
566FB	HPPPPL-III.	3	
566MB	HPPPPL-III. and speaker- phone system 1A and station busy lamp	4	See Table in Fig. 4

* Not arranged for key button illumination.

† The 466AC combined telephone set should be equipped with a D15D vinyl cord or a modified D15A fabric cord so standard wiring of the connecting block may be used.

Fig. 1—486AC Combined Key Telephone Set Connections (Mfr. Disc.)

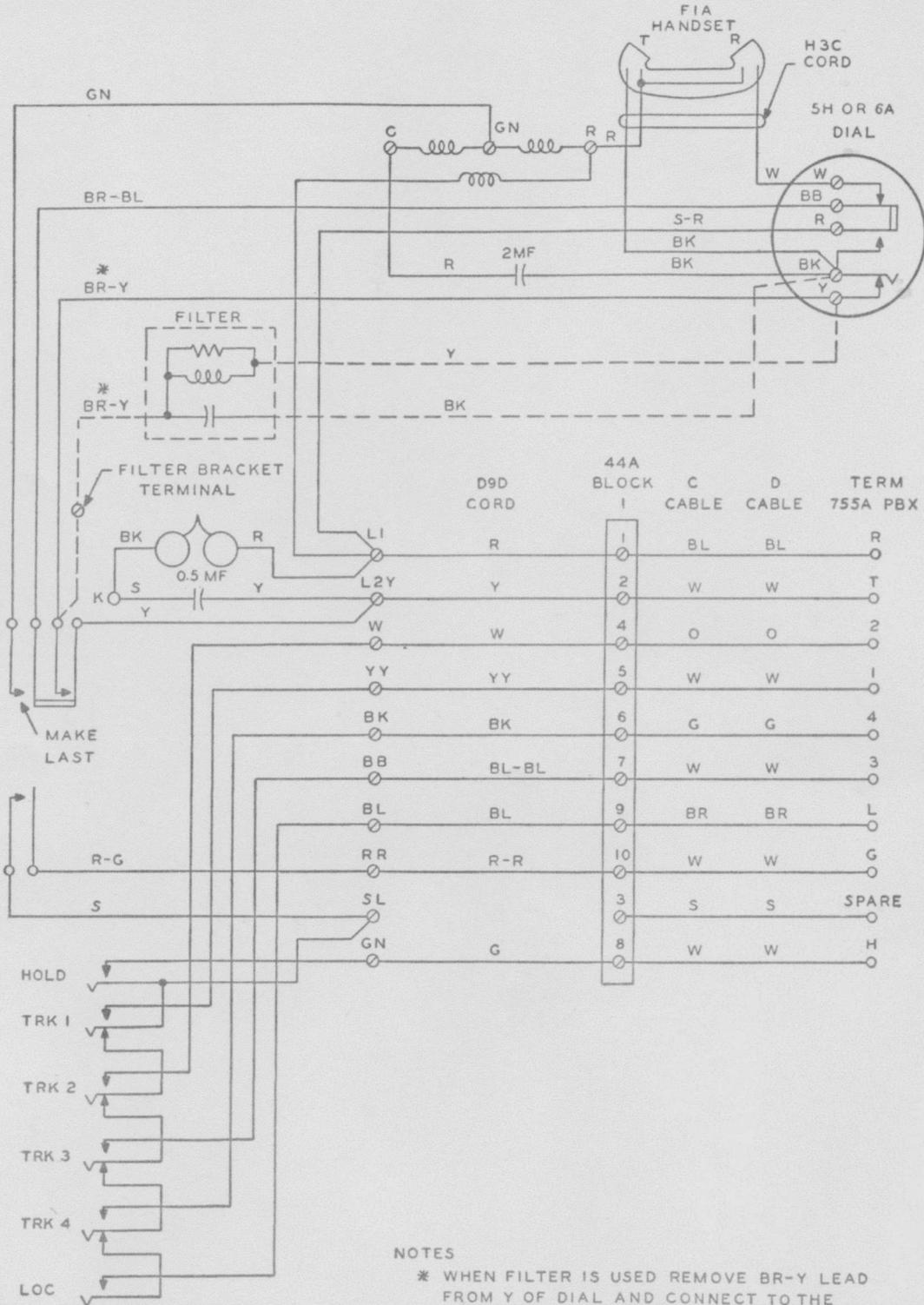
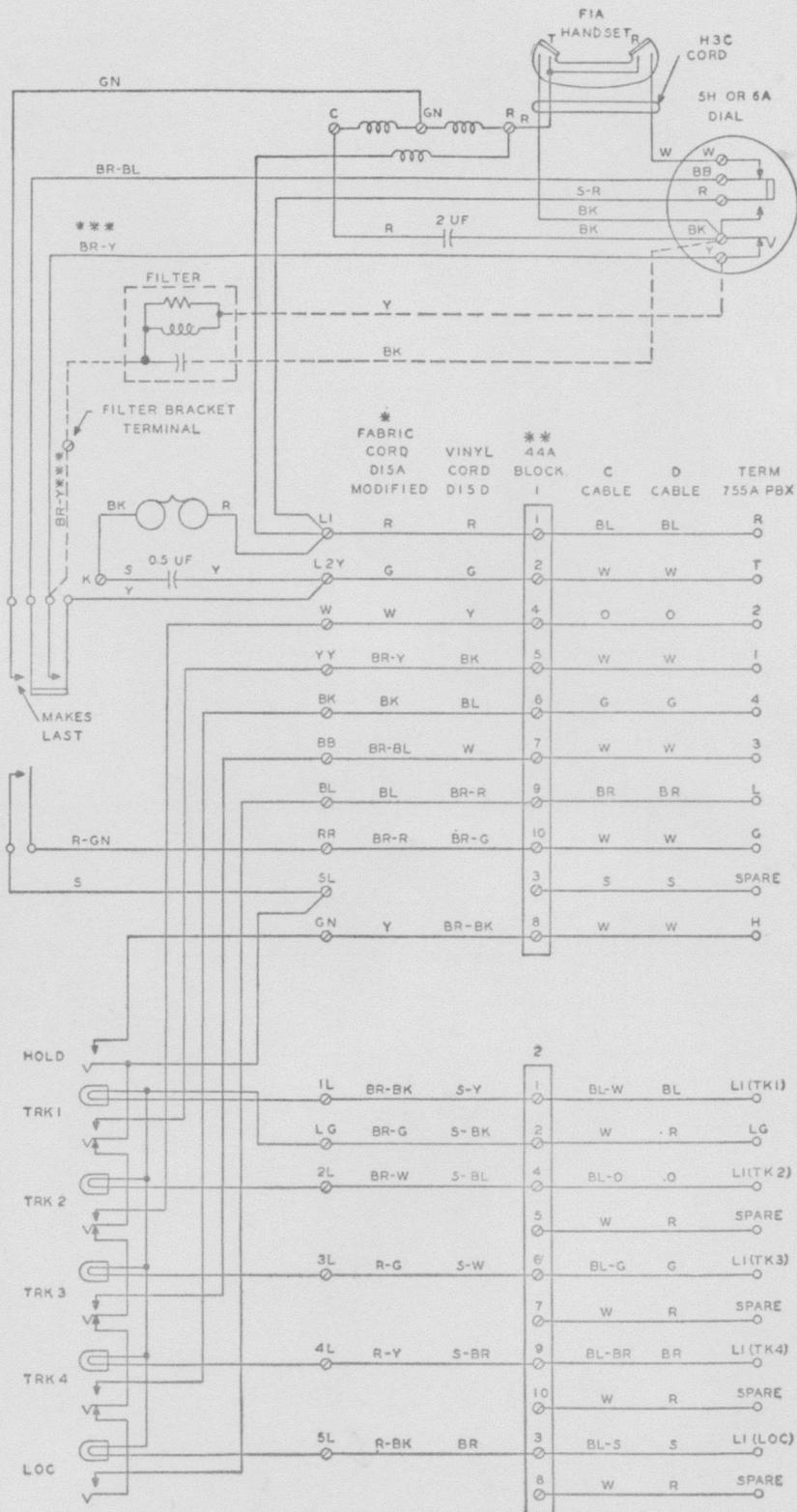
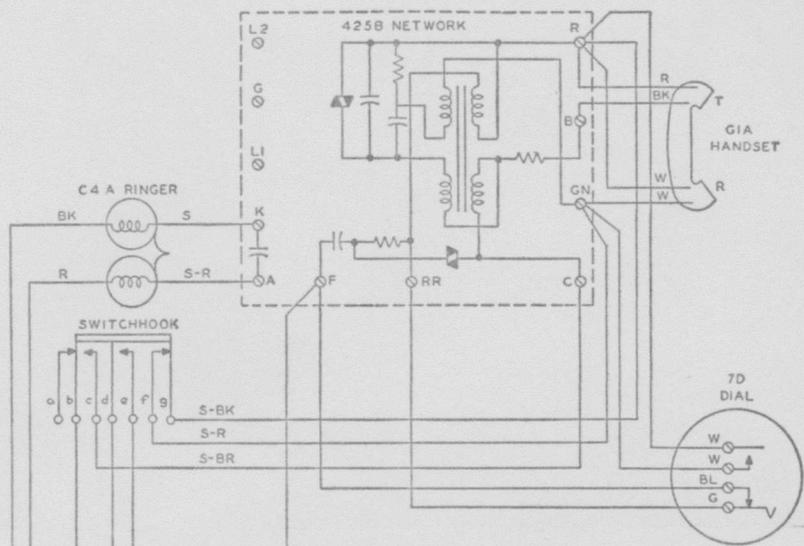


Fig. 2—466AC Combined Key Telephone Set Connections (Mfr. Disc.)



NOTES:
 * CORD MODIFIED BY MOVING STAY HOOK BAND, AT CONNECTING BLOCK END, BACK FOUR INCHES.
 ** CONNECTING BLOCK NUMBER 1 IS BLOCK NEAREST CORD BUTT.
 *** WHEN FILTER IS USED, REMOVE BR-Y OF DIAL AND CONNECT TO FILTER BRACKET TERMINAL.



** CONNECTING BLOCK NUMBER 1 IS
BLOCK NEAREST CORD BUTT

SET TERM. STRIP	DISB CORD	** 44A BLOCK I	C CABLE	D CABLE	TERM 755A PBX
S-Y	R	1	BL	BL	R
	T	2	W	W	T
	TK2	4	O	O	2
	TK1	5	W	W	1
	TK4	6	G	G	4
	TK3	7	W	W	3
	LOC	9	BR	BR	L
S-W	C	10	W	W	G
		3	S	S	SPARE
	H	8	W	W	H

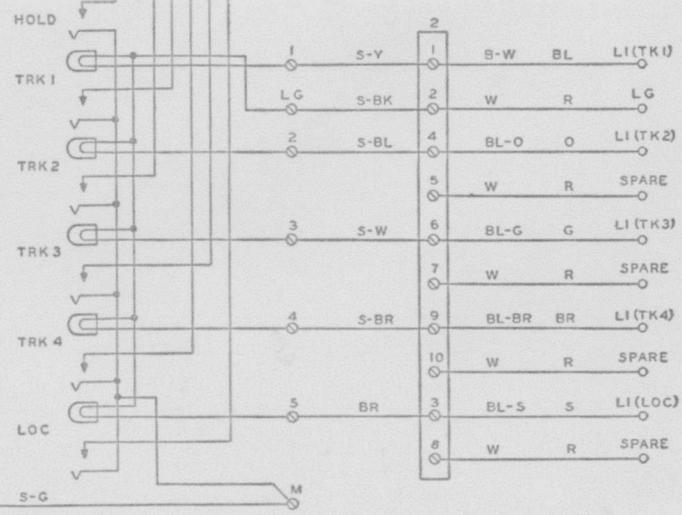


Fig. 3—566FB Combined Key Telephone Set Connections (Mfr. Disc.)

Fig. 4—566MB Combined Key Telephone Set Connections (Mfr. Disc.)

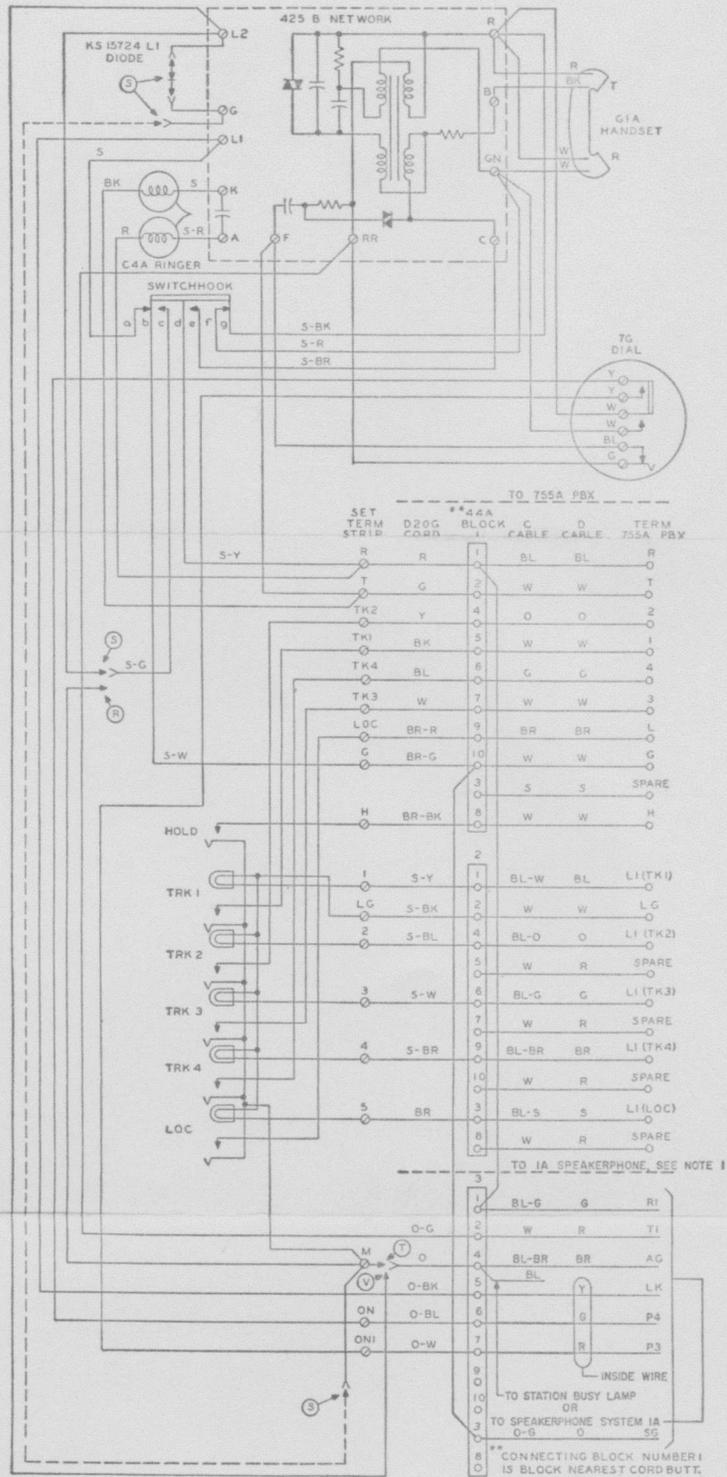


TABLE A OF FIG. 4

FEATURE REQUIRED	WIRING OPTION	SWITCH, DIAL LEADS AND CORD COND.			DIODE KS15724, L1	CORD NIW
		SWITCH LEAD	DIAL LEADS	CORD COND.		
		S-G	Y Y	0		
STATION BUSY LAMP	(S) (V)	L2*	ON ON1	L2*	L2* → G*	G* — M
NO STATION BUSY LAMP	(R) (T)	M	ON ON1	M	NOT REQD	NOT REQD

* INDICATES TERMINAL ON NETWORK

NOTE 1: WHEN SPEAKERPHONE SYSTEM IA IS NOT USED, OMIT CONNECTING BLOCK NUMBER 3 AND STRAPS TO CONNECTING BLOCK NUMBER 1. DRESS CORD CONDUCTORS NORMALLY ON BLOCK NUMBER 3 IN BACK OF BLOCKS NUMBER 1 AND 2.