

**BELL SYSTEM PRACTICES**  
**Station Installation and Maintenance**

**SECTION C32.563**  
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**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.)

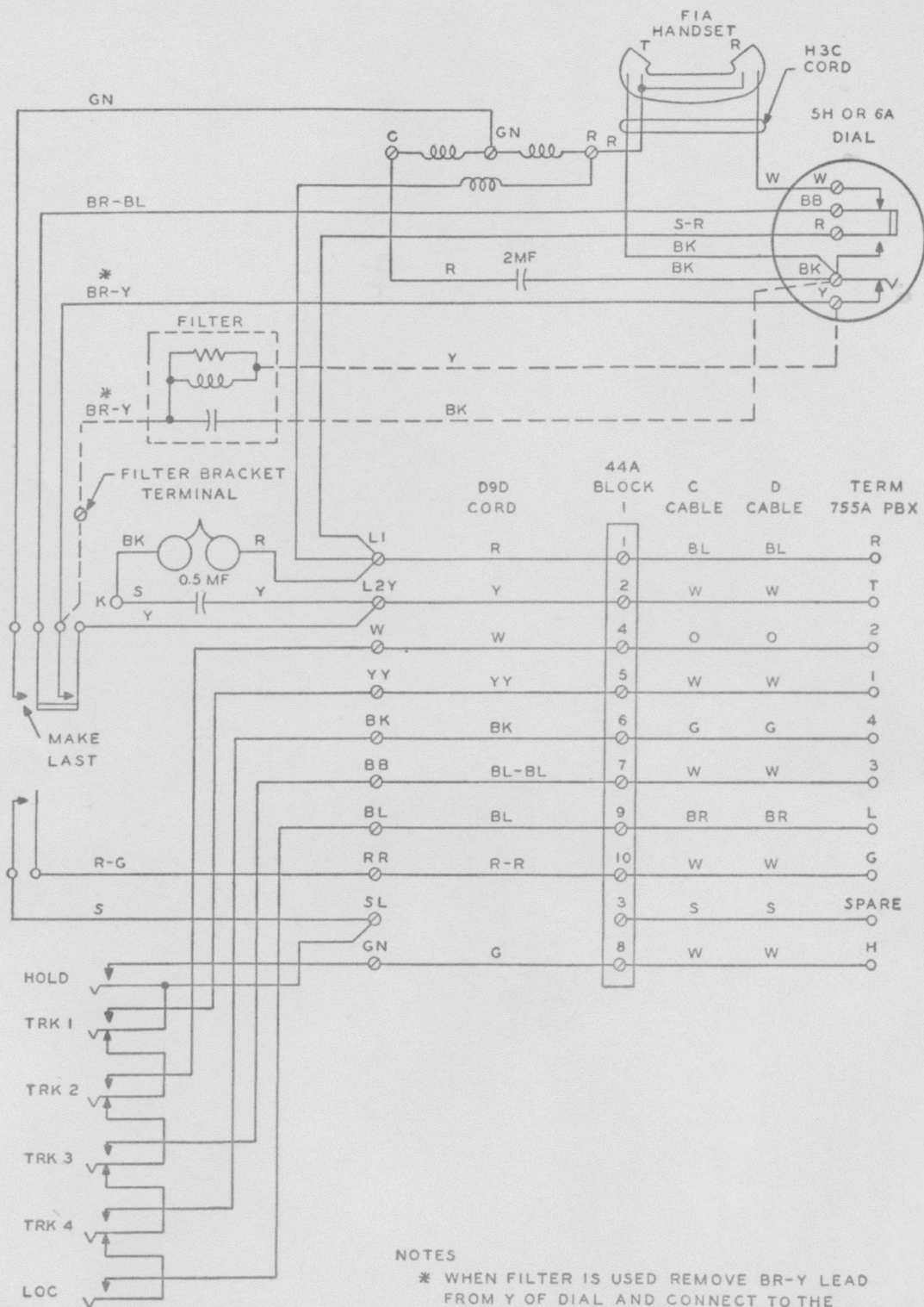








Fig. 4—566MB Combined Key Telephone Set Connections (Mfr. Disc.)

TABLE A OF FIG. 4

FEATURE REQUIRED	WIRING OPTION	SWITCH, DIAL LEADS AND CORD COND.				DIODE KS15724, LI	CORD MIM
		SWITCH LEAD	DIAL LEADS	CORD COND.			
		S-G	Y	Y	O		
STATION BUSY LAMP	(S)(V)	L2*	ON	ONI	L2*	L2* → G*	G* →
NO STATION BUSY LAMP	(R)(T)	M	ON	ONI	M	NOT RECD	NOT RECD

\*INDICATES TERMINAL ON NETWORK

NOTE 1: WHEN SPEAKERPHONE SYSTEM 1A 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.