BELL SYSTEM PRACTICES Plant Series

SECTION 512-622-462 Issue 3, November 1970 AT&TCo Standard

SPEAKERPHONE SYSTEM—3-TYPE

2662-TYPE TELEPHONE SET

CONNECTIONS AND MAINTENANCE

1. GENERAL

1.01 This section covers connection of the 2662-type telephone set when used with the 3-type speakerphone system.

1.02 This section is reissued to:

Change section reference in 2.01 and 3.01.

Show 666A transmitter MD, Fig. 1.

2. CONNECTIONS

For proper operation of the 3-type speakerphone system, ground must be present on the A1-lead. Connect A1 ground to the appropriate terminal

on the telephone set or at the 55-type control unit for 1A1 and 1A2 KTS. Connect SG ground for 1A KTS.

2.01 Services such as interrupted buzzer or ringer and station busy lamp control can be connected through relay contacts of the 55-type control unit. For connections of these and other services, refer
to Division 512.

3. MAINTENANCE

 3.01 ♦ Maintenance of the 2662-type telephone set is found in Division 502. Division 512 covers maintenance of speakerphone components. ♦

CONTROL UNIT			PART OF				2662-TYPE	
55A * NOTE 5)	55B	PETER-	66E-25 CONN BLOC	к	PART OF DSOK MTG CORD		TELEPHONE SET	
19	-0	TI CABLE	45	48 ←	(V-G)	97		
28	10	RI	46		(G-V)	R		
32	15	IT	47	< ≥3 ←	(V-BR)	0	PART	
0	6	IR	0.0	49 ←	(BR-V)	+	OF 36E DIAL	
0	0		48	< 24 ←		A	TBII	
0	-0-	AG (NOTE I)	49	< 50 ←	(V-S)	0	5	
0	35	LK	50 0	25 ←	(S~V)	LK	_	
12	2	AI (NOTE 2)		~ 2 €	(O-W)	A1		
24	30	LK +	3.8		(BR-Y)	SG		
8	24	- (NOTE 4)	3) 0-0-0-	19 ←	(Y-S)	101		
0	25		00	45 ←	102	A TB	I	
ő-	0	R-RI	40	20 ←	(S-Y)	Ø NE	т.	
17	33	B-BI TO KTU OR	44A			666-TY	PE TRMTR	
18	34	R-RI COMMON SIGNAL	CONN BLOCK		RANSMITTER TG CORD (NOTE 9)	A (MD)	В	
26	21	(NOTE 6) IW		(BK) TI	1A (BK-0) T7A	11	8	
4	a	MI CABLE INOTE	2) 2	(BR-BL)	(S-BK)	2		
0	70		4			5	-0	
0	16	(-15V) M2	0	(₩)	(BK-S)	0	3	
0-	-0-	PI	0	(8L)	(BL-R)	4	Ó	
2	17	FI	6	(Y)	(G-Y)	10	0	
3	18	S	9	(R)	(0-ВК)	8	5	
29	19	AI (NOTE 2)		(G)	(Y-0)	9	6	
33	29	SPI (NOTE 4)	3	(G)		0	V	
Ø- 34	20	SP2	8	(R)	760A	SPEAKER		
Ø	9	0-	0	R2FK		OT LANEN		
0	0	CONTROLLED BY NOTES:						
36	36	TFI SPEAKERPHONE ONLY I. SUGGESTED TIE POINT FOR LK LEAD IF CONTROL UNIT IS LOCATED NEAR TO I8V 60 HZ TELEPHONE SET. CONNECT (DASHED) LK LEAD BETWEEN CONNECTING BLOCKS IF						
27	27	TF2 POWER SOURCE	2 1004		D MUST BE PRESENT ON AI		N AT LEADS	
21	40 5	(2012B TRNSF) (NOTE 8) (2012B TRNSF) (NOTE 8) ARE CONNECTED AS SHOWN, (SOLID LEADS) MAXIMUM ALLOWABLE DISTANCE BETW CONTROL UNIT AND OTHER SYSTEM COMPONENTS (TRANSMITTER, LOUD SPEAKER ETC) IS LIMITED TO IOD FET. WHEN AI LOASHED LEAD IS						
0	0	(NOTE 7) CONNECTED BETWEEN CONNECTING BLOCKS THE MAXIMUM DISTANCE BETWEEN CONNECTED BETWEEN CONNECTING BLOCKS THE MAXIMUM DISTANCE BETWEEN CONTROL UNIT AND COMPONENTS MAY BE INCREASED TO 500 FEET.						

- FOR IA KTS CONNECT AI LEAD TO CLIP 38 OF THE 66E-25 CONNECTING BLOCK.
- IF REDUCED LOUDSPEAKER VOLUME IS DESIRED, CONNECT SPI LEAD TO TERMINALS 30 OF (55B) OR 24 OF (55A*).
- 6. STRAP TERMINALS 19 AND 21 (55B) OR 26 TO 29 (55A*) WMEN STATION BUSY LAMP CONTROLLED BY SPEAKERPHONE IS PROVIDED.
- STRAP TERMINALS 4 AND 5 (558) OR 20 AND 21 (558 *) WHEN USED WITH "TOUCH-TONE" DIAL EQUIPPED TELEPHONE SETS.
- 8. DO NOT USE ANY GROUNDED ISV AC POWER SUPPLY.
- 9. INSULATE AND STORE UNUSED LEADS OF TITA CORD.
- + INSULATE AND STORE

♦Fig. 1—2662-Type Telephone Set, Connections to 3-Type Speakerphone ♦

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