

SPEAKERPHONE SYSTEM—3-TYPE

662-TYPE TELEPHONE SET

CONNECTIONS AND MAINTENANCE

1. GENERAL

1.01 This section covers connection of the 662-type telephone set when used with the 3-type speakerphone system.

1.02 This section is reissued to:

- Remove information from Fig. 1 permitting maximum separation of 500 feet between control unit and transmitter and loudspeaker

- Add 2.03

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.

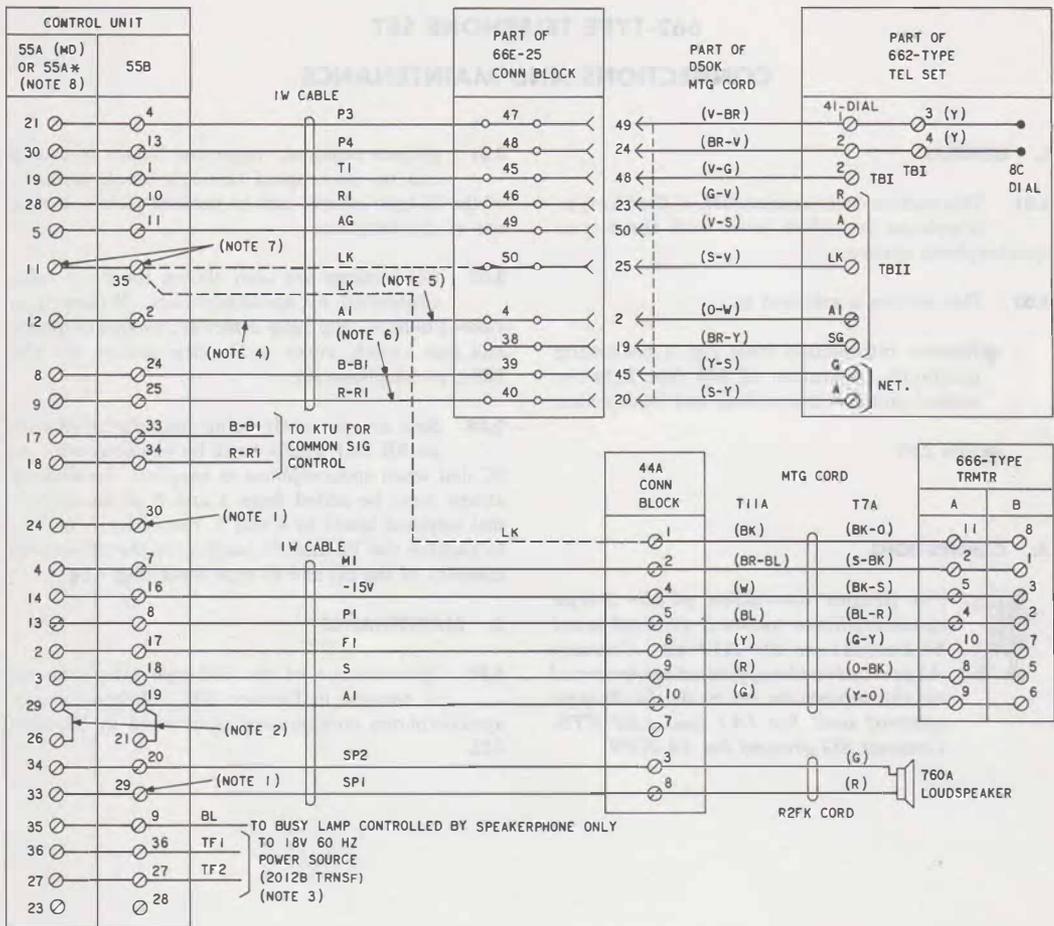
2.01 Where required, ringer and buzzer operation can be interrupted through break contacts of the 55-type control unit to prevent pickup during use of speakerphone.

2.02 Connections are also shown for busy lamp controlled by speakerphone. Where it is desired to have busy lamp controlled by speakerphone and line switch, refer to Service section for the 662-type telephone set.

2.03 Sets are presently being manufactured with an 8R dial which must be replaced with an 8C dial when speakerphone is supplied. In addition straps must be added from 1 and 2 of the 41-type dial terminal board to 3 and 4, respectively, of TB1 to parallel the P3 and P4 leads with the off-normal contacts of the 8C and 41-type dials (Fig. 1).

3. MAINTENANCE

3.01 Maintenance of the 662-type telephone set is covered in Division 502. Maintenance of speakerphone components is covered in Division 512.



NOTES:

- IF REDUCED LOUDSPEAKER VOLUME IS DESIRED, CONNECT SPI LEAD TO TERMINAL 30 (55B) OR 24 (55A).
- STRAP TERMINALS 19 TO 21 (55B) OR 26 TO 29 (55A) WHEN STATION BUSY LAMP CONTROLLED BY SPEAKERPHONE IS PROVIDED.
- DO NOT USE A GROUNDED 18V AC POWER SUPPLY.
- LOCAL OR KTS GROUND MUST BE PRESENT ON AI LEAD.
- CONNECT TO 38 OF 66E-25 CONNECTING BLOCKS FOR 1A KTS.
- WIRE RINGER CIRCUIT AS SHOWN WHEN INTERRUPTED RINGER IS DESIRED. BUZZER MAY BE WIRED IN SIMILAR MANNER.
- TIE POINT FOR LK LEADS BETWEEN TELEPHONE SET AND TRANSMITTER IF CONTROL UNIT IS NEAR TELEPHONE SET. LK LEAD SHOULD BE WIRED DIRECT BETWEEN TELEPHONE SET AND TRANSMITTER WHEN CONTROL UNIT IS NOT NEAR TELEPHONE SET.
- 55A* CONTROL UNIT MODIFIED BY WESTERN ELECTRIC MAY BE USED FOR ROTARY DIAL EQUIPPED TELEPHONE SETS.

Fig. 1—662-Type Telephone Set, Connections