

## SPEAKERPHONE SYSTEM—3-TYPE 851- AND 2851-TYPE TELEPHONE SETS CONNECTION AND MAINTENANCE

### 1. GENERAL

**1.01** These sets are supplied factory-wired for use with 3-type speakerphone except that any 851-type telephone set that is equipped with an 8R dial, the dial must be replaced with an 8C dial to provide a second set of off-normal contacts (P3 and P4 leads). Refer to Section 503-601-101 for set wiring and ringer connections.

**1.02** This section is reissued to include connection information for the 2851-type telephone sets formerly found in Section 512-622-495, which is hereby canceled.

Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

### 2. CONNECTION INDEX

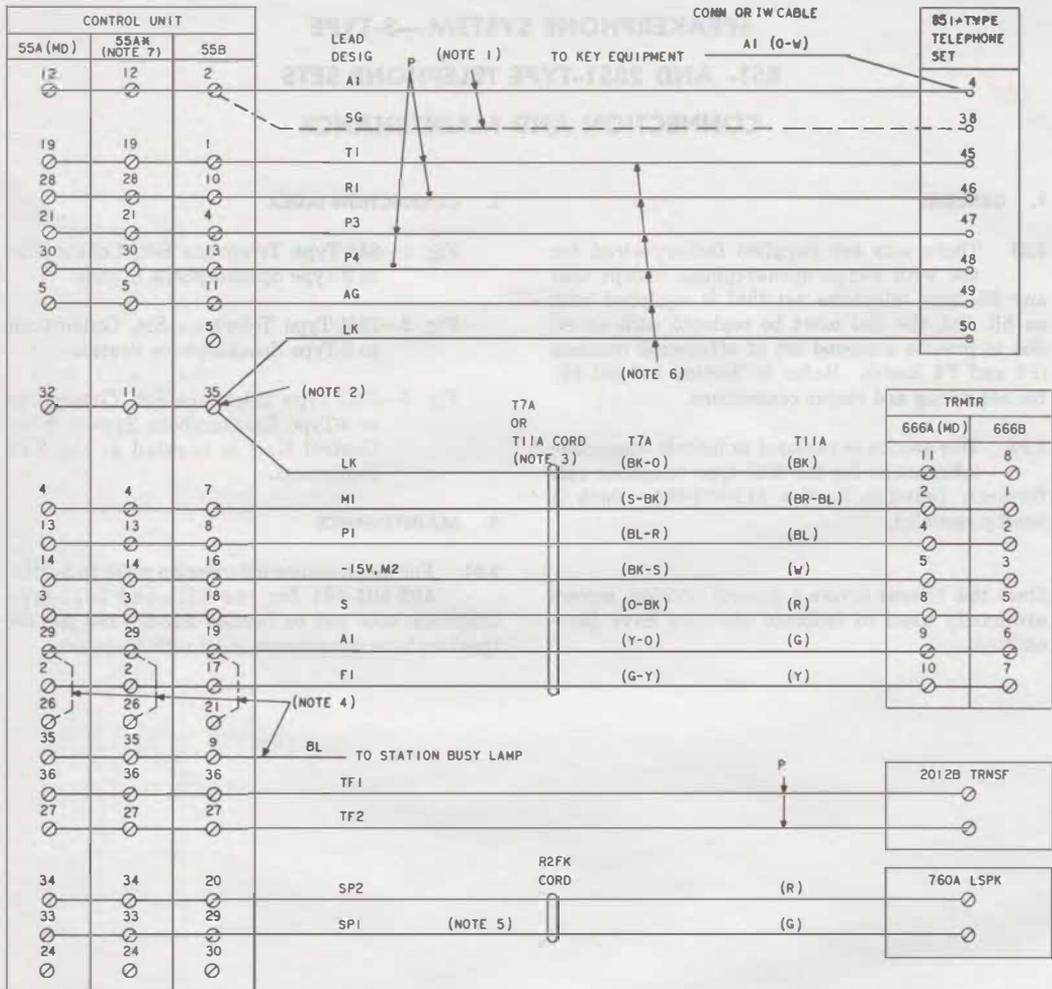
Fig. 1—851-Type Telephone Set, Connections to 3-Type Speakerphone System

Fig. 2—2851-Type Telephone Set, Connections to 3-Type Speakerphone System

Fig. 3—2851-Type Telephone Set, Connections to 3-Type Speakerphone System When Control Unit is Located at the KTS Equipment.

### 3. MAINTENANCE

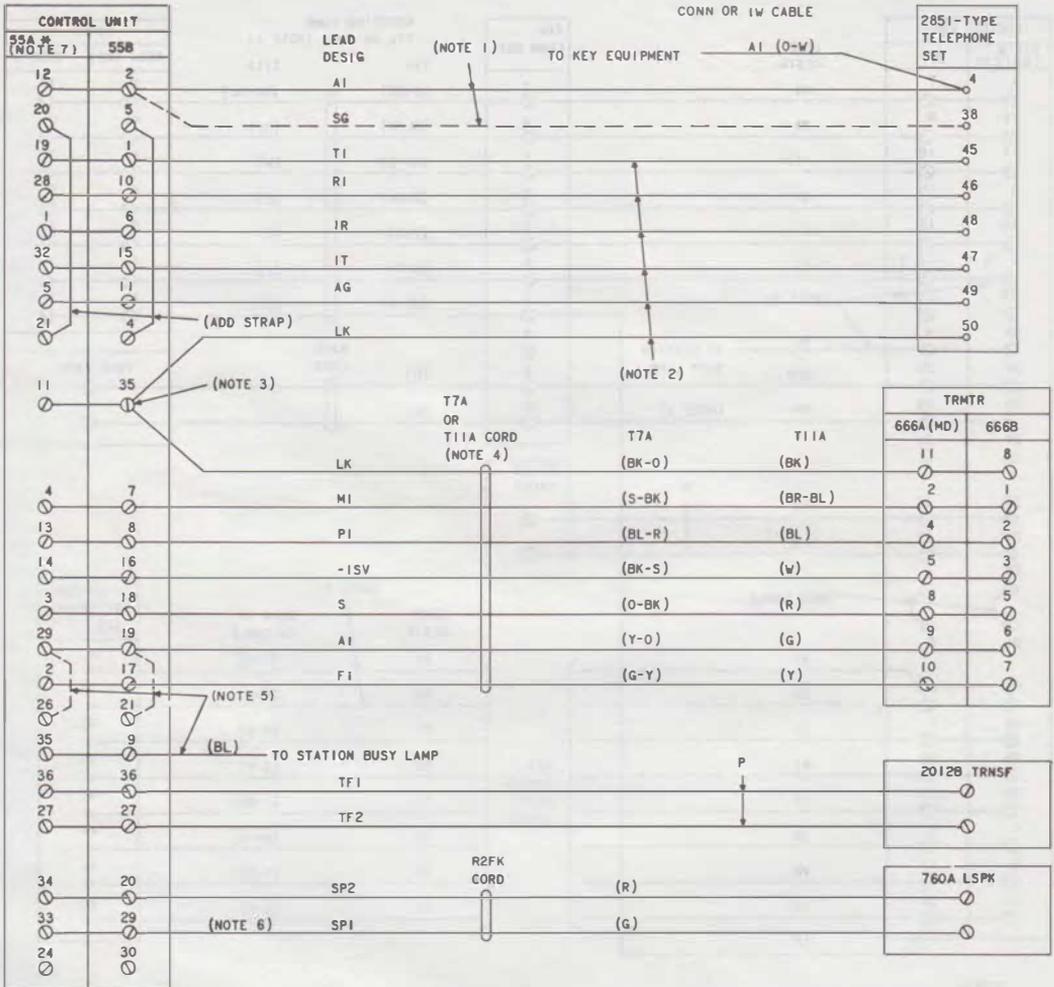
**3.01** For maintenance information refer to Section 503-601-101 for the 851- and 2851-type telephone sets and to Section 512-620-100 for the speakerphone components used with these sets.



NOTES:

1. FOR 1A1, 1A2 AND 6A KEY TELEPHONE SYSTEMS, CONNECT A1 LEAD TO TERMINAL 4 ON CLIP-TYPE CONNECTING BLOCK. FOR 1A KEY TELEPHONE SYSTEMS CONNECT SG LEAD TO TERMINAL 38 ON CLIP-TYPE CONNECTING BLOCK AND MOVE (Y) LINE SWITCH LEAD FROM 4 TO 11 OF SCREW-TERMINAL FIELD.
2. TIE POINT FOR LK LEADS BETWEEN TELEPHONE SET AND TRANSMITTER WHEN CONTROL UNIT IS LOCATED NEAR TELEPHONE SET.
3. INSULATE AND STORE UNUSED LEADS OF T11A CORD.
4. STRAP AS INDICATED AND CONNECT BL LEAD WHEN STATION BUSY LAMP IS CONTROLLED BY SPEAKERPHONE.
5. TO REDUCE LOUDSPEAKER VOLUME, CONNECT SP1 LEAD TO TERMINAL 24 (55A) OR 30 (55B).
6. DO NOT CONNECT T1, R1, P3, P4, AG AND LK LEADS IN CABLE TO KEY EQUIPMENT.
7. 55A\* CONTROL UNIT MODIFIED BY WESTERN ELECTRIC CO. FOR USE WITH "TOUCH-TONE" (R) TELEPHONE SETS.

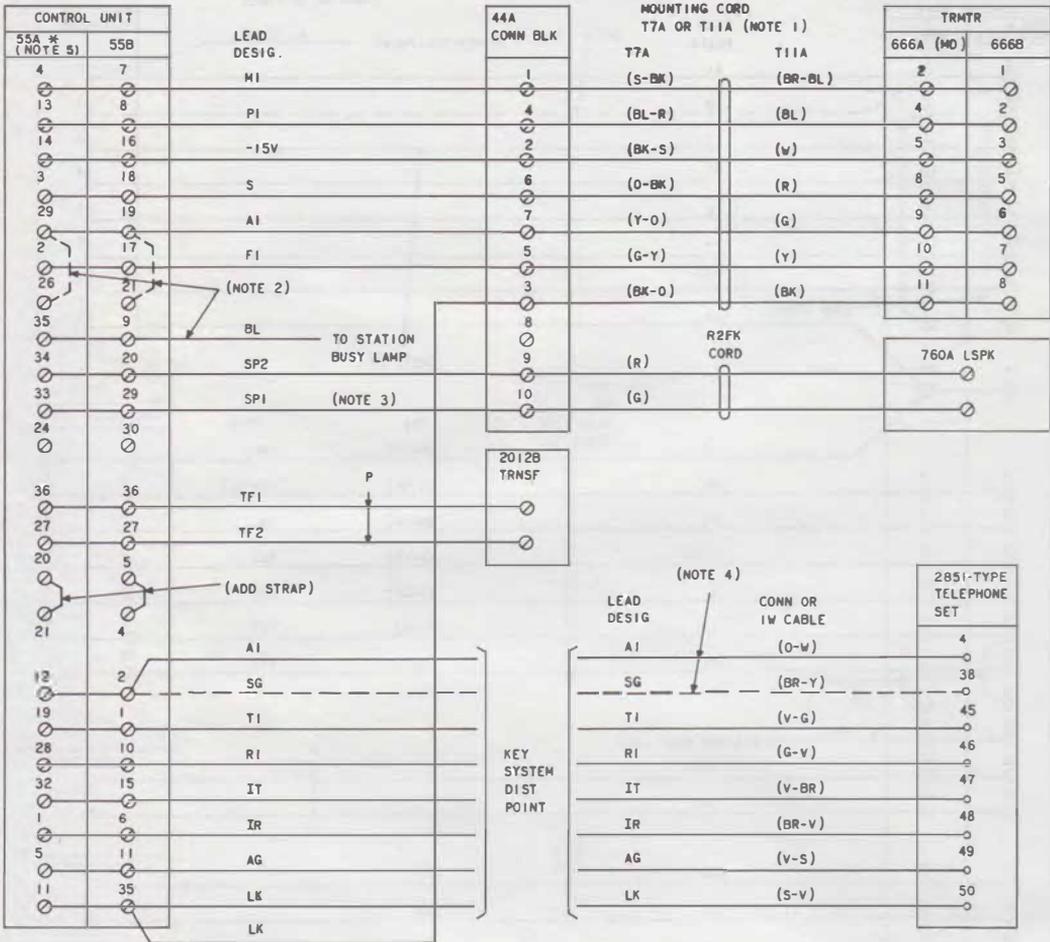
Fig. 1—851-Type Telephone Set, Connections to 3-Type Speakerphone System



NOTES:

1. FOR 1A1, 1A2 AND 6A KEY TELEPHONE SYSTEMS, CONNECT AI LEAD TO TERMINAL 4 ON CLIP-TYPE CONNECTING BLOCK, FOR 1A KEY TELEPHONE SYSTEM CONNECT SG LEAD TO TERMINAL 38 ON CLIP-TYPE CONNECTING BLOCK AND MOVE (Y) LINE SWITCH LEAD FROM 4 TO 11 OF SCREW TERMINAL FIELD.
2. DO NOT CONNECT TI, RI, IR, IT, AG AND LK LEADS IN CABLE TO KEY EQUIPMENT.
3. TIE POINT FOR LK LEADS BETWEEN TELEPHONE SET AND TRANSMITTER WHEN CONTROL UNIT IS LOCATED NEAR TELEPHONE SET.
4. INSULATE AND STORE UNUSED LEADS OF T11A CORD.
5. STRAP AS INDICATED AND CONNECT (BL) LEAD WHEN STATION BUSY LAMP IS CONTROLLED BY SPEAKERPHONE.
6. TO REDUCE LOUDSPEAKER VOLUME, CONNECT SP1 LEAD TO TERMINAL 24 (55A) OR 30 (55B).
7. 55A\* CONTROL UNIT MODIFIED BY WESTERN ELECTRIC CO. FOR USE WITH "TOUCH-TONE" ® TELEPHONE SETS.

Fig. 2—2851-Type Telephone Set, Connections to 3-Type Speakerphone System



NOTES:

1. INSULATE AND STORE UNUSED LEADS OF T11A CORD.
2. STRAP AS INDICATED AND CONNECT (BL) LEAD WHEN STATION BUSY LAMP IS CONTROLLED BY SPEAKERPHONE.
3. TO REDUCE LOUDSPEAKER VOLUME, CONNECT SPI LEAD TO TERMINAL 24 (55A) OR 30 (55B).
4. FOR 1A1, 1A2, AND 6A KEY TELEPHONE SYSTEMS CONNECT A1 LEAD TO TERMINAL 4 ON CLIP-TYPE CONNECTING BLOCK, FOR 1A KEY TELEPHONE SYSTEMS CONNECT SG LEAD TO TERMINAL 38 ON CLIP-TYPE CONNECTING BLOCK AND MOVE (Y) LINE SWITCH LEAD FROM 4 TO 11 OF SCREW TERMINAL FIELD
5. 55A\* CONTROL UNIT MODIFIED BY WESTERN ELECTRIC CO. FOR USE WITH "TOUCH-TONE" TELEPHONE SETS.

Fig. 3—2851-Type Telephone Set, Connections to 3-Type Speakerphone System When Control Unit is Located at KTS Equipment