

3A SPEAKERPHONE SYSTEM

55A CONTROL UNIT

666A, 667A, AND 667B TRANSMITTER UNIT

CONNECTIONS

1.00 GENERAL

- 1.01 This section shows connections between components in the 3A speakerphone system.
- 1.02 This section is being reissued to:
- Add Fig. 1A showing modification of 55A control unit to eliminate a noise possibility.
 - Make wiring changes to Fig. 1, 2, and 3.
- 1.03 This noise may occur when using a 667-type transmitter unit with the control unit placed some distance from the telephone set. Condition may occur in units manufactured between April and October, 1962. When noise problem occurs, it is necessary to replace the control unit with one modified as shown in Fig. 1A. Modification of existing units is not to be done in the field.
- 1.04 Due to extensive changes marginal arrows have been omitted.

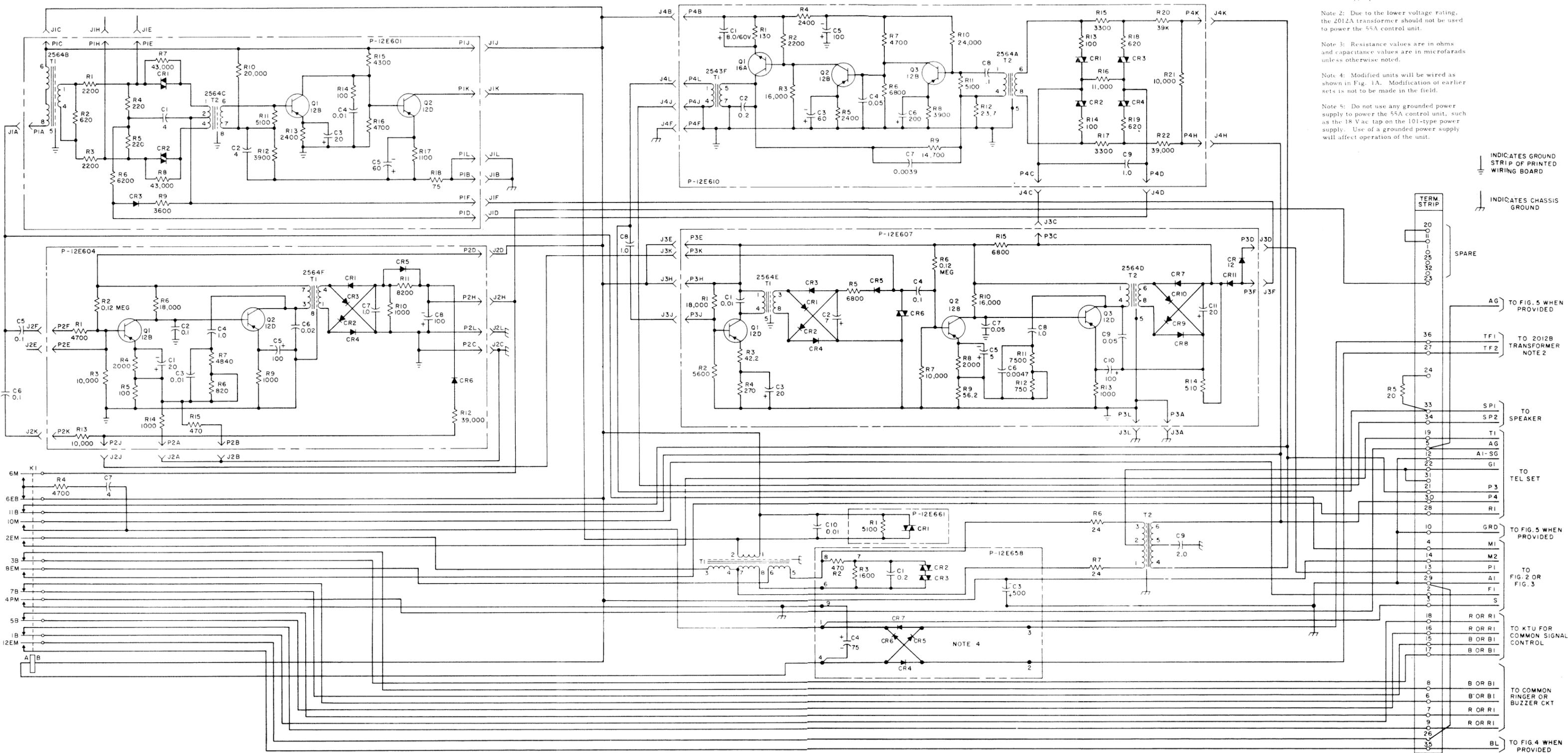
Note 1: For telephone set connections refer to appropriate section.

Note 2: Due to the lower voltage rating, the 2012A transformer should not be used to power the 55A control unit.

Note 3: Resistance values are in ohms and capacitance values are in microfarads unless otherwise noted.

Note 4: Modified units will be wired as shown in Fig. 1A. Modification of earlier sets is not to be made in the field.

Note 5: Do not use any grounded power supply to power the 55A control unit, such as the 18 Vac tap on the 101-type power supply. Use of a grounded power supply will affect operation of the unit.



INDICATES GROUND STRIP OF PRINTED WIRING BOARD

INDICATES CHASSIS GROUND

Fig. 1 - 55A Control Unit

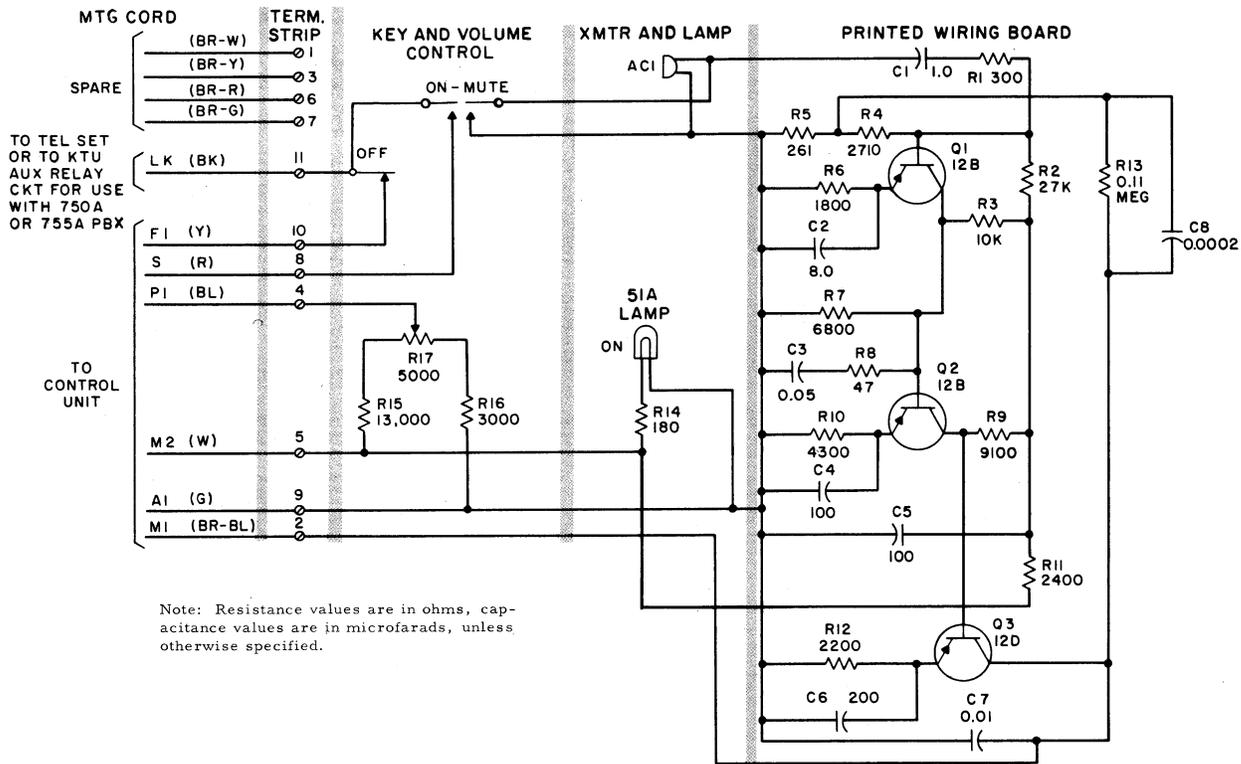


Fig. 2 - 666A Transmitter Unit

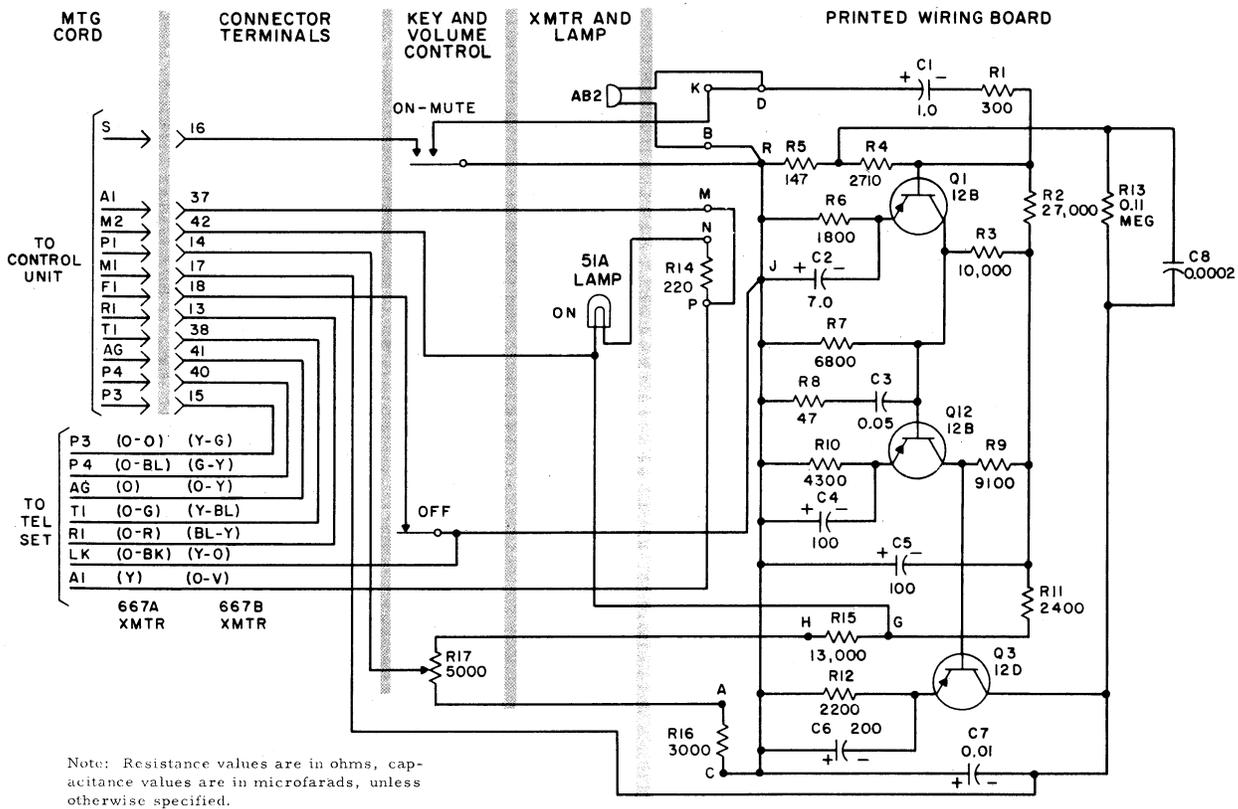


Fig. 3 - 667-Type Transmitter Unit

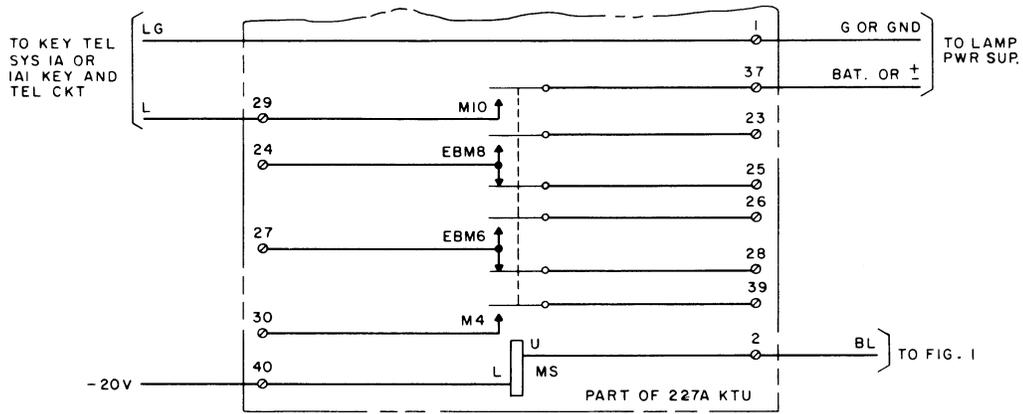


Fig. 4 - Station Busy Lamp Control Circuit

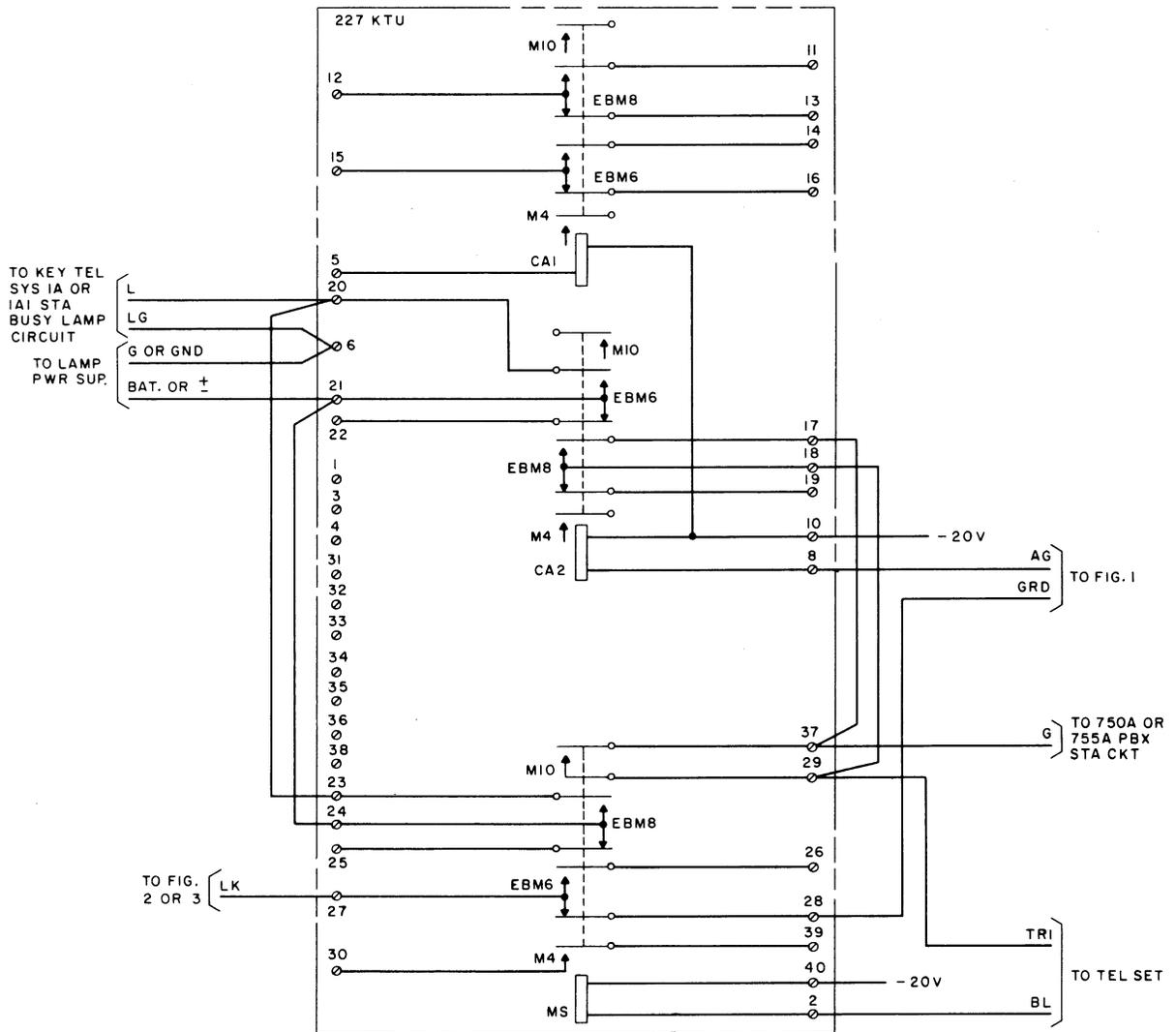


Fig. 5 - Auxiliary Relay Circuit for Use With 750A or 755A PBX