

**TELEPHONE SET
TYPE 701 (LR) 30 DESK
CONNECTIONS**

1. GENERAL

- 1.01 This practice provides the connecting information necessary in the installation of the 701 (LR) 30 desk type telephone set.
- 1.02 The installed telephone must be provided with a separately mounted external ringer.

2. INSTALLATION REQUIREMENTS

- 2.01 A 110-120 volt ac receptacle is required for the dial light transformer. This receptacle should be on a circuit that is not controlled by a switch. One transformer should be used for a single telephone set.
- 2.02 For proper illumination of the dial, the length of the wire between the transformer and the telephone set should not exceed 25 feet of standard inside wire. Do not use a 25-foot mounting cord because of added resistance.
- 2.03 When a ringer is required, any ringer including the specially designed ringers for this series of telephones may be used. See Figure 1 for ringer wiring diagram.

3. PORTABLE INSTALLATION

- 3.01 For portable installation of the Type 702 telephone set arrange as follows:
 - a. Cut off or insulate the unused conductors in the mounting cord when terminated in a wall plug.
 - b. Extend tip, ring, ground, and transformer leads to a wall jack. On 2 party tip stations requiring ground identification, be sure that jacks and plugs are installed in accordance with local practice.
- 3.02 Portable installation of Type 701 sets can be made if the service involved does not require more than 12 conductors in the mounting cord.
- 3.03 In portable installations where only one dial light set is installed, one transformer may be multiplied to two or more jacks.

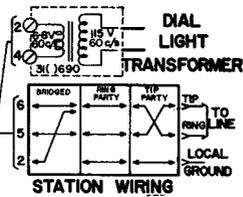
RINGER OPTIONS

BIASED	GAS TUBE	FREQ. SELECTIVE	PARTY IDENTIFICATION
139(-)-470			
136(BA) 470 BRIDGED RINGING 	138(TBA) 470 -BIAS 	137(-)-470 BRIDGED RINGING COIL INDICATOR 	1000 OHM GROUND -BIASED RINGER -F.S. RINGER SEE NOTE
DIVIDED RINGING 	+BIAS 	DIVIDED RINGING COIL INDICATOR SEPARATE CAPACITORS 	2800 OHM GROUND -BIASED RINGER -F.S. RINGER SEE NOTE
4 1 5 6 2 7 3	4 1 5 6 2 7 3	4 1 5 6 2 7 3	4 1 5 6 2 7 3
4 L2 LI 3 D	4 L2 LI 3 D	4 L2 LI 3 D	4 B L2 LI 3 D

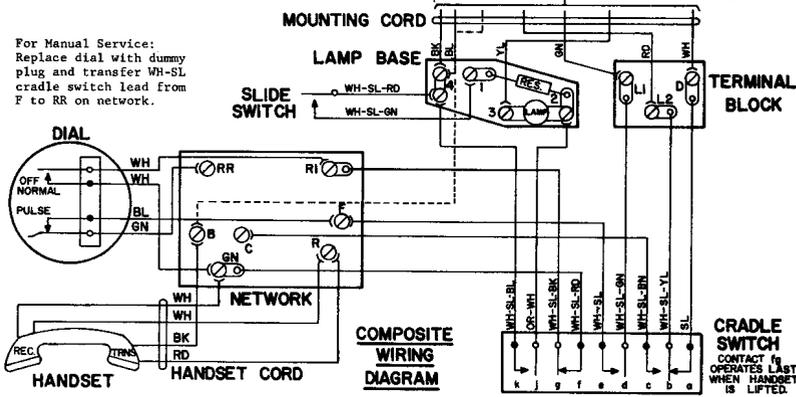
RINGER NOTES

1. Party Identification:
 Connect blue mounting cord lead as shown by dashed lines. Mounting cord connections shown for ring party. For tip party reverse red and green cord conductors on ringer terminal board and use ringer party station wiring.

2. 6-Conductor Mounting Cord:
 Blue and black leads connected in parallel except for party identification.



For Manual Service:
 Replace dial with dummy plug and transfer WH-SL plug and transfer WH-SL cradle switch lead from F to RR on network.



CIRCUIT DIAGRAM
 (INSTRUMENT ONLY)

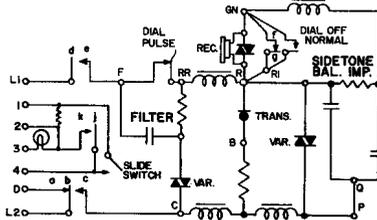


FIGURE 1 DIAGRAMS 701--(L)30- TELEPHONE