

10-BUTTON, ROTARY DIAL, DESK TELEPHONES WITH BUILT-IN CALL ANNOUNCER CIRCUIT LABELS

1. GENERAL

1.01 This document covers the 10-button, rotary dial, desk telephones with built-in call announcer. (See Figure 1.) Circuit labels for 10-button, rotary dial, desk telephones are included. (See Table A.)



AW 86-351

Figure 1: 10-Button, Rotary Dial, Desk Telephone With Built-In Call Annunciator

1.02 This section is reissued to reflect changes in the 10-button, rotary dial, desk telephones with built-in call announcer.

1.03 For additional information on description and installation of the telephones, refer to Section 50-870-100. A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-870-101. Related documents of the ITT Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 870 desk telephones are identified by a code number stamped in ink on the bottom of the base plate. Refer to Section 50-870-100 of the ITT Telephone Apparatus Practices Manual for ordering information and for an explanation of each code number.

1.05 The Model 870 desk telephones are 10-button, rotary dial, anti-sidetone type units that operate efficiently over a wide range of loop resistances and line impedances. These telephones are designed for use with key telephone systems, such as the ITT 1A2 System, where several telephones have access to the same lines, CO trunks, or intercom lines.

TABLE A
LIST OF CIRCUIT LABELS

MODEL NO	TYPE NO	FIGURE NO
870	42, 46	2
870	76	3

AW 86-428

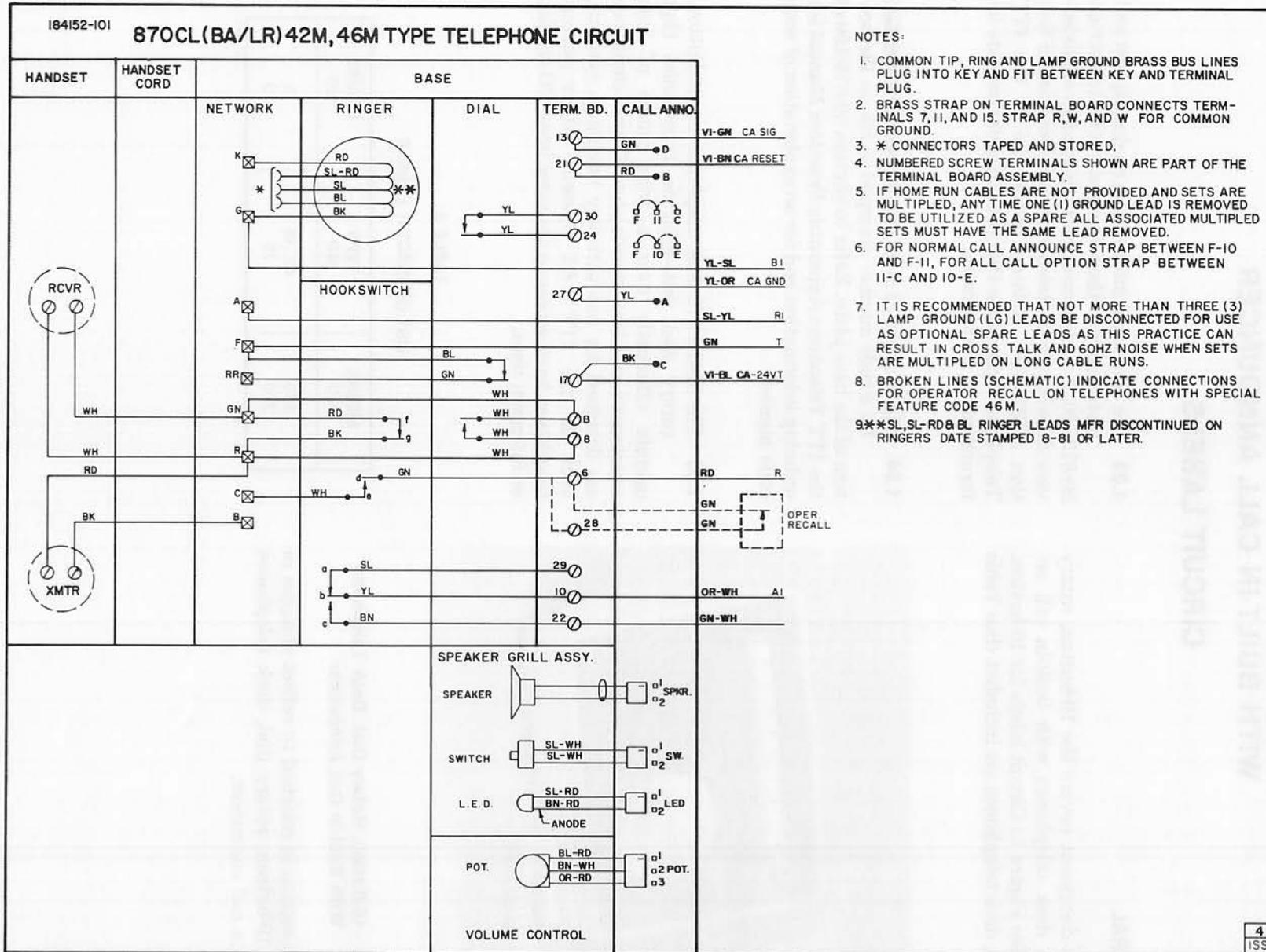


Figure 2: Circuit Label, Model 870 Types 42, 46 (Sheet 1 of 2)

870CL(BA/LR)42M, 46M TYPE TELEPHONE CIRCUIT

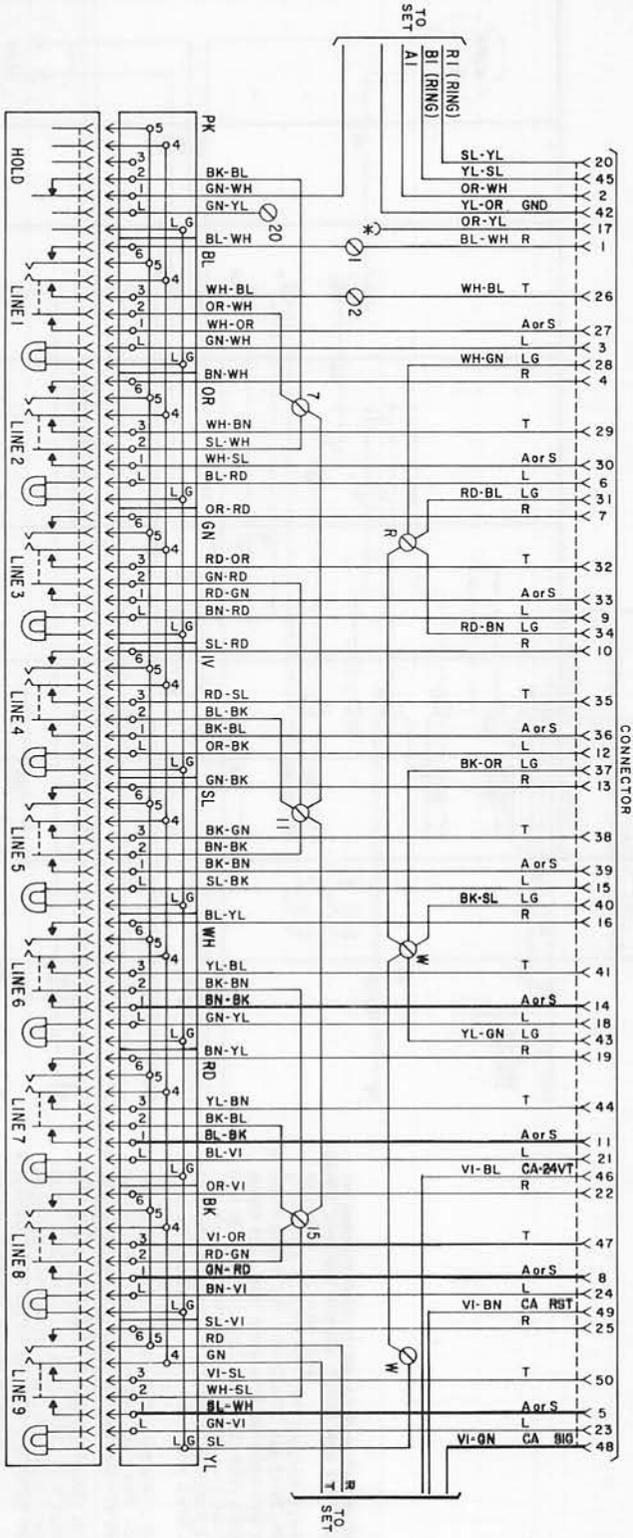
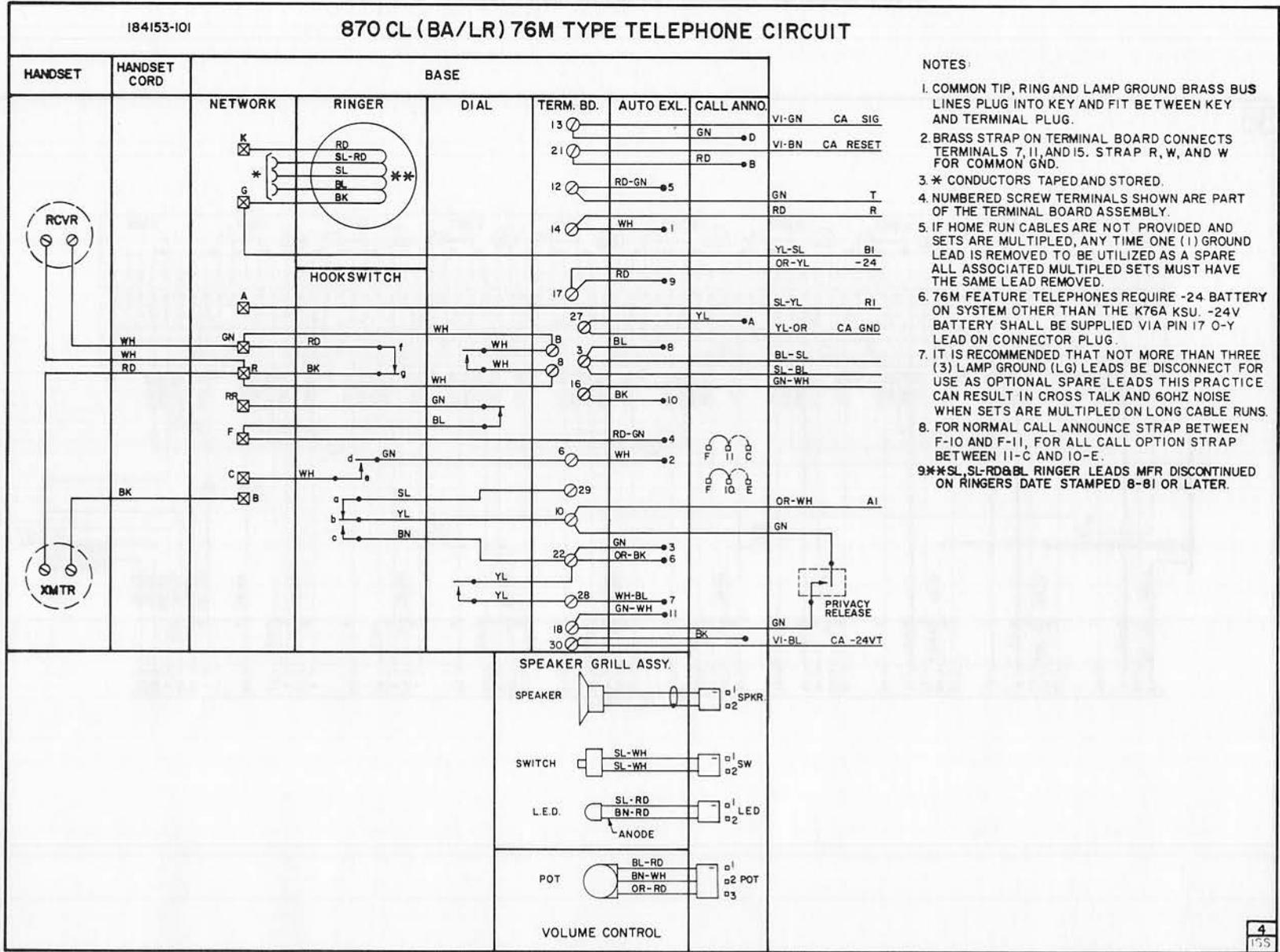


Figure 2: Circuit Label, Model 870 Types 42, 46 (Sheet 2 of 2)

ISS



- NOTES:
1. COMMON TIP, RING AND LAMP GROUND BRASS BUS LINES PLUG INTO KEY AND FIT BETWEEN KEY AND TERMINAL PLUG.
 2. BRASS STRAP ON TERMINAL BOARD CONNECTS TERMINALS 7, 11, AND 15. STRAP R, W, AND W FOR COMMON GND.
 3. * CONDUCTORS TAPED AND STORED.
 4. NUMBERED SCREW TERMINALS SHOWN ARE PART OF THE TERMINAL BOARD ASSEMBLY.
 5. IF HOME RUN CABLES ARE NOT PROVIDED AND SETS ARE MULTIPLIED, ANY TIME ONE (1) GROUND LEAD IS REMOVED TO BE UTILIZED AS A SPARE ALL ASSOCIATED MULTIPLIED SETS MUST HAVE THE SAME LEAD REMOVED.
 6. 76M FEATURE TELEPHONES REQUIRE -24V BATTERY ON SYSTEM OTHER THAN THE K76A KSU. -24V BATTERY SHALL BE SUPPLIED VIA PIN 17 0-Y LEAD ON CONNECTOR PLUG.
 7. IT IS RECOMMENDED THAT NOT MORE THAN THREE (3) LAMP GROUND (LG) LEADS BE DISCONNECT FOR USE AS OPTIONAL SPARE LEADS THIS PRACTICE CAN RESULT IN CROSS TALK AND 60HZ NOISE WHEN SETS ARE MULTIPLIED ON LONG CABLE RUNS.
 8. FOR NORMAL CALL ANNOUNCE STRAP BETWEEN F-10 AND F-11, FOR ALL CALL OPTION STRAP BETWEEN 11-C AND 10-E.
 9. *SL, SL-RD & BL RINGER LEADS MFR DISCONTINUED ON RINGERS DATE STAMPED 8-81 OR LATER.

Figure 3: Circuit Label, Model 870 Type 76 (Sheet 1 of 2)

