

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

1. GENERAL

1.01 This document covers the 20-button, rotary dial, desk telephones with built-in call announcer. (See Figure 1.) Circuit labels for 20-button, rotary dial, desk telephones with built-in call announcer are included. (See Table A.)



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Figure 1: 20-Button, Rotary Dial, Desk Telephone With Built-In Call Annunciator

1.02 This section is reissued to reflect changes in the 20-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 50-871-100. A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-871-101. Related documents of the ITT Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 871 desk telephones are identified by a code number stamped in ink on the bottom of the base plate. Refer to Section 50-871-100 of the ITT Telephone Apparatus Practices Manual for ordering information and for an explanation of each code number.

1.05 The Model 871 desk telephones are 20-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
871	42, 46	2
871	76	3

AW 86-429

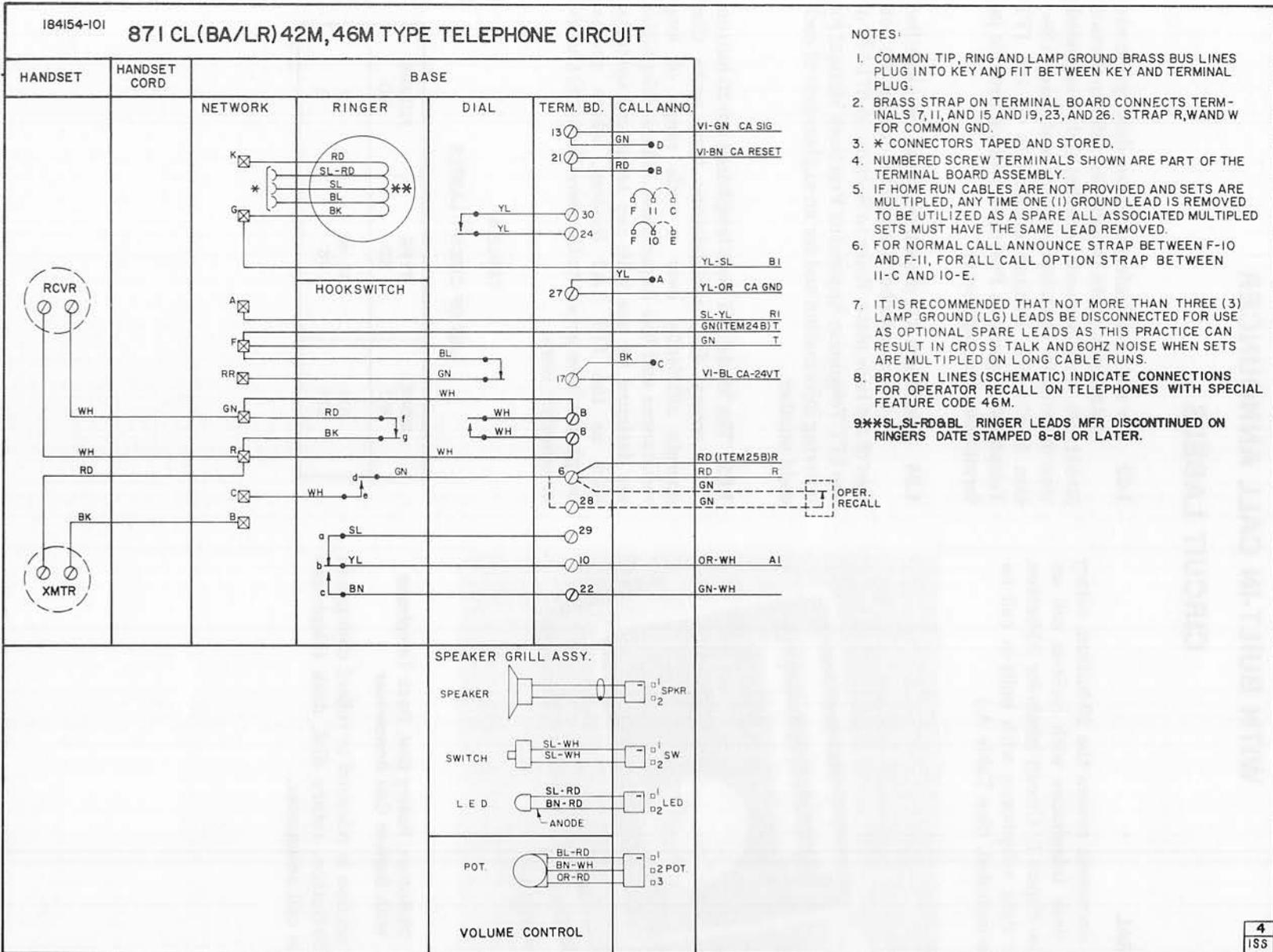
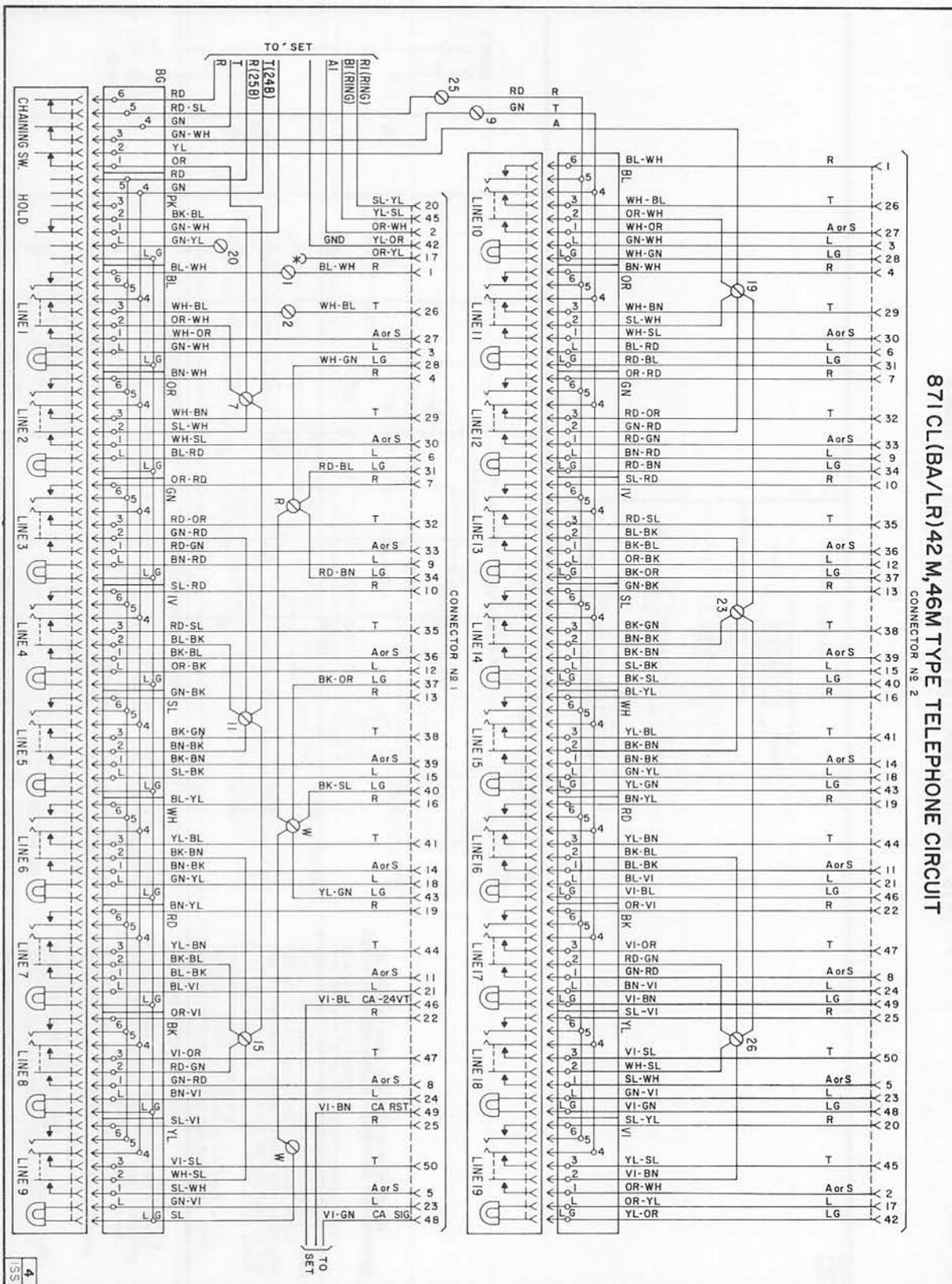


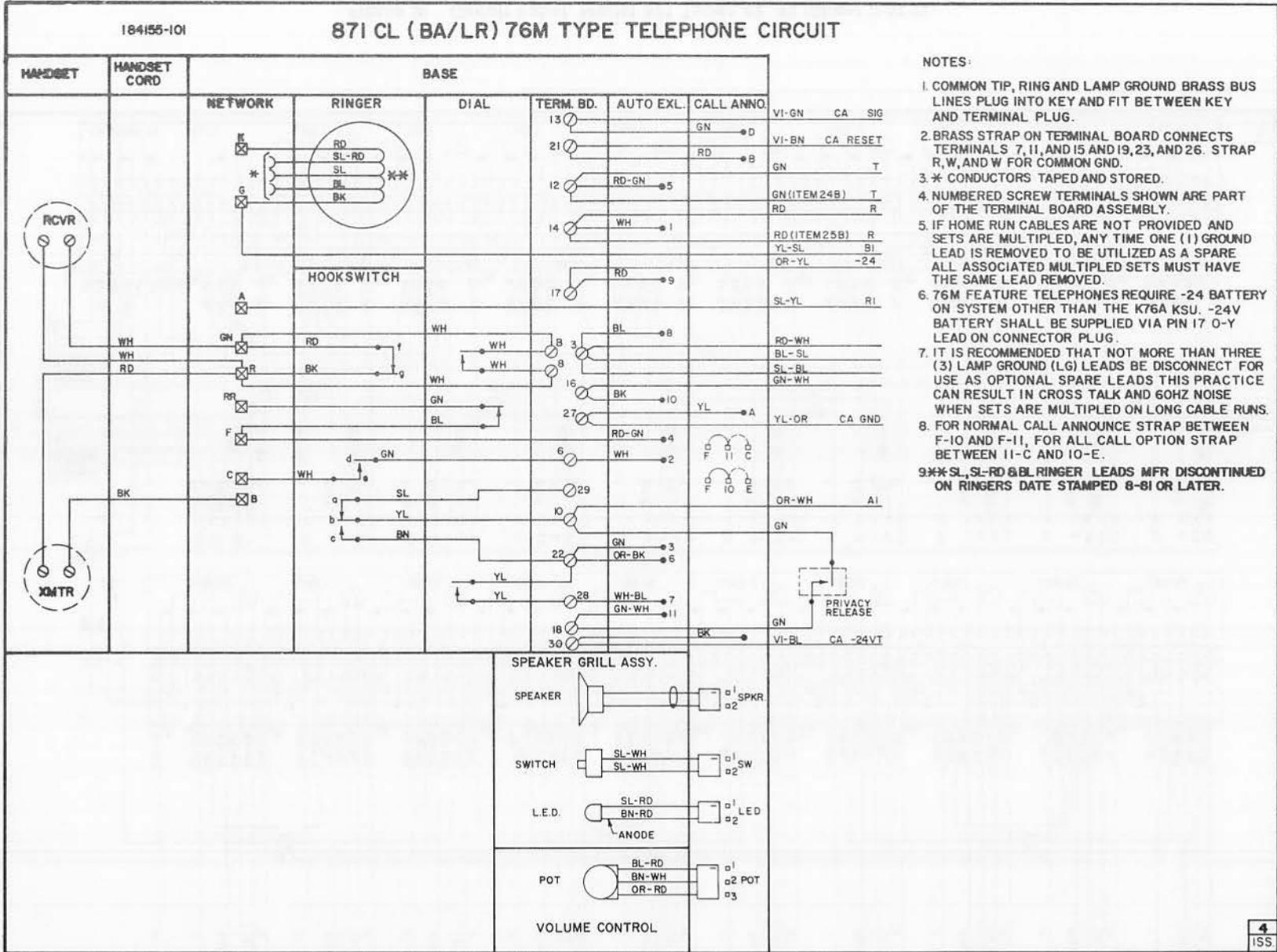
Figure 2: Circuit Label, Model 871 Types 42, 46 (Sheet 1 of 2)

Figure 2: Circuit Label, Model 871 Types 42, 46 (Sheet 2 of 2)



871 CL(BA/LR)42 M.46M TYPE TELEPHONE CIRCUIT

CONNECTOR NO. 2



- 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 AND 19, 23, AND 26. 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 -24 BATTERY ON SYSTEM OTHER THAN THE K76A KSU. -24V BATTERY SHALL BE SUPPLIED VIA PIN 17 O-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 871 Type 76 (Sheet 1 of 2)

