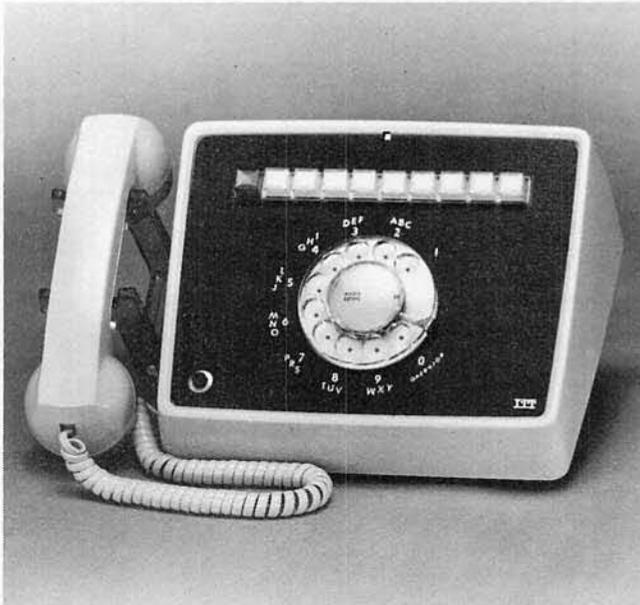


10-BUTTON, ROTARY DIAL, DESK TELEPHONES

CIRCUIT LABELS

1. GENERAL

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



AW 86-378

Figure 1: 10-Button, Rotary Dial, Desk Telephone

1.02 This section is reissued to provide the latest issue of circuit labels for the following 10-button, rotary dial, desk telephones:

- (a) Model 830, Types 42 and 46
- (b) Model 830, Type 76

1.03 For additional information on description and installation of the telephones, refer to Section 50-830-100. A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-830-101. Related documents of the ITT Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 830 desk telephones are identified by a code number stamped in ink on the bottom of the base plate. Refer to Section 50-830-100 of the ITT Telephone Apparatus Practices Manual for ordering information and for an explanation of each code number.

1.05 The Model 830 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.

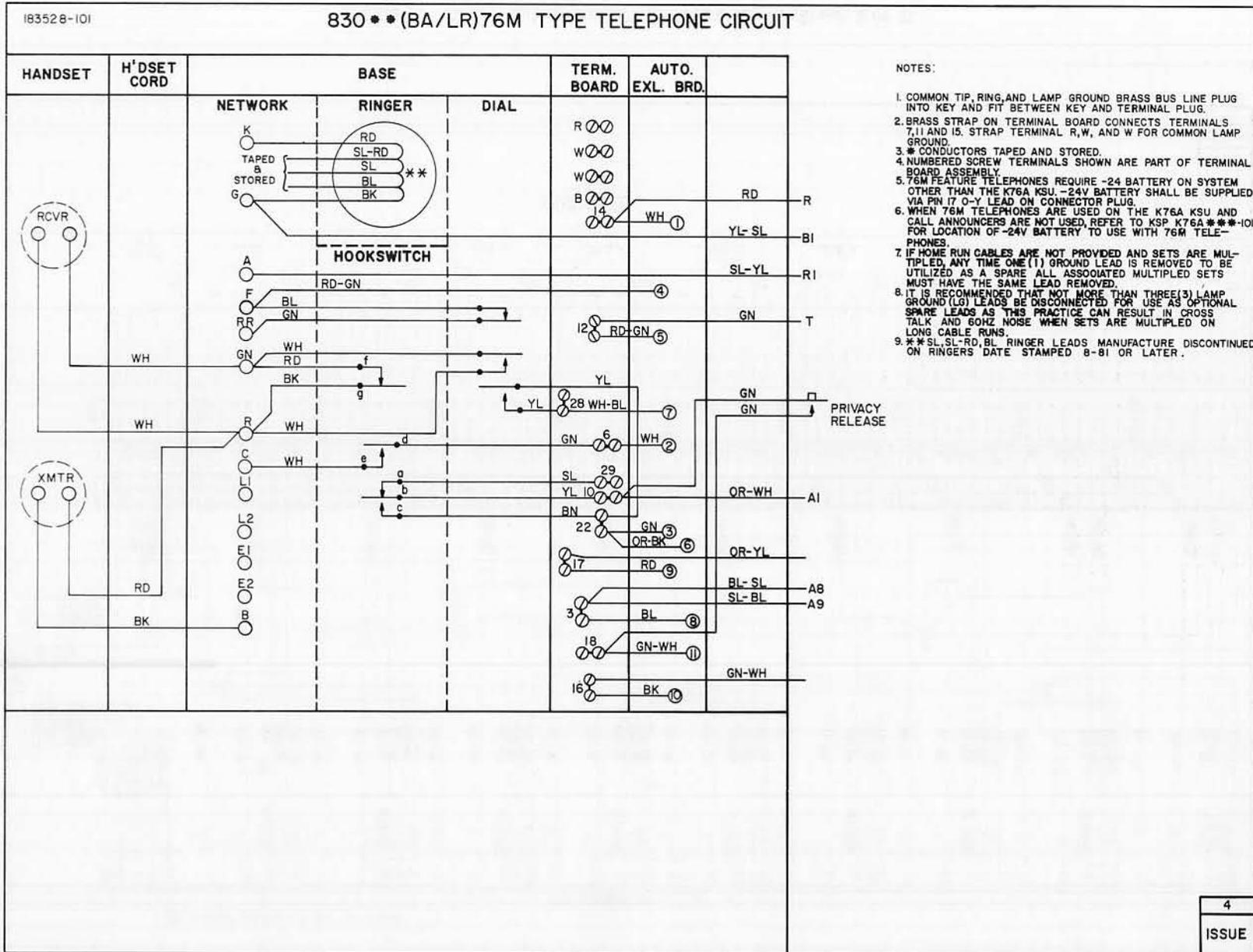
TABLE A
LIST OF CIRCUIT LABELS

MODEL NO	TYPE NO	FIGURE NO
830	42, 46	2
830	76	3

AW 86-364

183528-101

830 ** (BA/LR) 76M TYPE TELEPHONE CIRCUIT



NOTES:

1. COMMON TIP, RING, AND LAMP GROUND BRASS BUS LINE PLUG INTO KEY AND FIT BETWEEN KEY AND TERMINAL PLUG.
2. BRASS STRAP ON TERMINAL BOARD CONNECTS TERMINALS 7, 11 AND 15. STRAP TERMINAL R, W, AND W FOR COMMON LAMP GROUND.
3. * CONDUCTORS TAPED AND STORED.
4. NUMBERED SCREW TERMINALS SHOWN ARE PART OF TERMINAL BOARD ASSEMBLY.
5. 76M FEATURE TELEPHONES REQUIRE -24V BATTERY ON SYSTEM OTHER THAN THE K76A KSU. -24V BATTERY SHALL BE SUPPLIED VIA PIN 17 O-Y LEAD ON CONNECTOR PLUG.
6. WHEN 76M TELEPHONES ARE USED ON THE K76A KSU AND CALL ANNOUNCERS ARE NOT USED, REFER TO KSP K76A ***-101 FOR LOCATION OF -24V BATTERY TO USE WITH 76M TELEPHONES.
7. 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.
8. IT IS RECOMMENDED THAT NOT MORE THAN THREE (3) LAMP GROUND (LG) LEADS BE DISCONNECTED FOR USE AS OPTIONAL SPARE LEADS AS THIS PRACTICE CAN RESULT IN CROSS TALK AND 60HZ NOISE WHEN SETS ARE MULTIPLIED ON LONG CABLE RUNS.
9. * SL, SL-RD, BL RINGER LEADS MANUFACTURE DISCONTINUED ON RINGERS DATE STAMPED 8-B1 OR LATER.

4
ISSUE

Figure 3: Circuit Label, Model 830 Type 76 (Sheet 1 of 2)

830***(BA/LR) 76M TYPE TELEPHONE CIRCUIT

183528-101

OPTION: (S) PROVIDE INDIVIDUAL SIGNALING GROUND

TO CONNECTOR

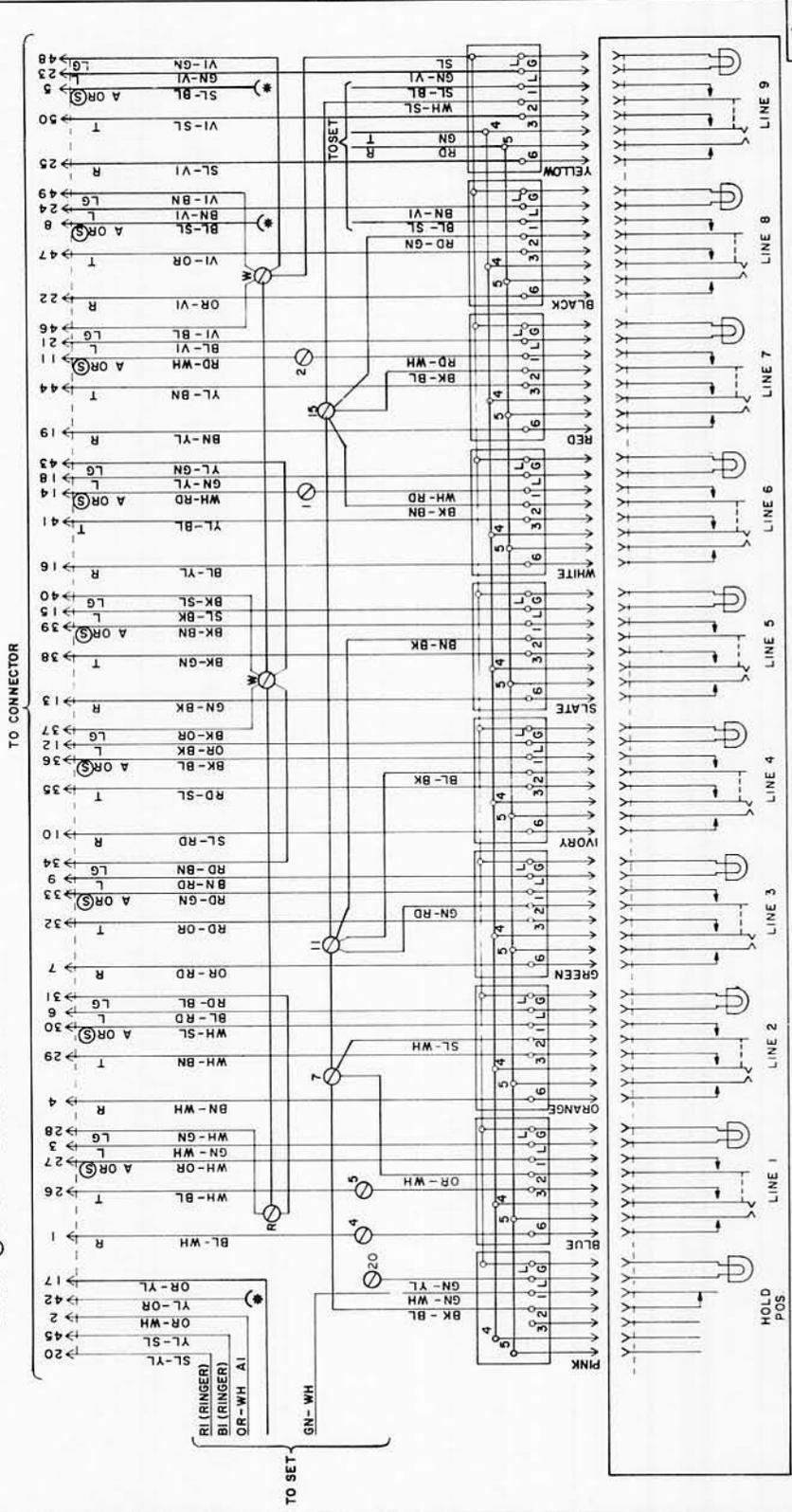


Figure 3: Circuit Label, Model 830 Type 76 (Sheet 2 of 2)