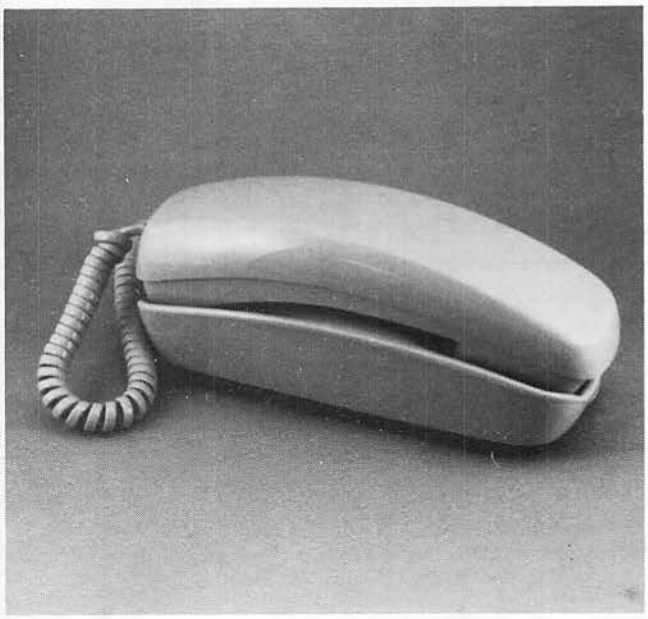
TRENDLINE, PUSHBUTTON DIAL, DESK TELEPHONES

CIRCUIT LABELS

1. GENERAL

1.01 This document covers the Trendline, pushbutton dial, desk telephones. (See Figure 1.) Circuit labels for Trendline, pushbutton dial, desk telephones are included. (See Table A.)



AW82-465

Figure 1: Trendline, Pushbutton Dial, Desk Telephone

1.02 This section is reissued to conform to CORTELCO Practices format. Issue 2 provided the latest issue circuit label for the Trendline, pushbutton dial, desk telephones.

Note: The Trendline, pushbutton dial, desk telephone has been discontinued, but is included in the Telephone Apparatus Practices Manual to provide a source of information for Trendline telephones still in service.

1.03 For additional information on description and installation of the telephones, refer to Section 50-200-103. A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-200-104. Related documents of the CORTELCO Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 2200 desk telephones are Trendline, pushbutton dial, anti-sidetone units that operate efficiently over a wide range of loop resistances and line impedances.

1.05 The Model 2200 desk telephones are identified by a code number stamped in ink on the bottom of the base.

TABLE A

LIST OF CIRCUIT LABELS

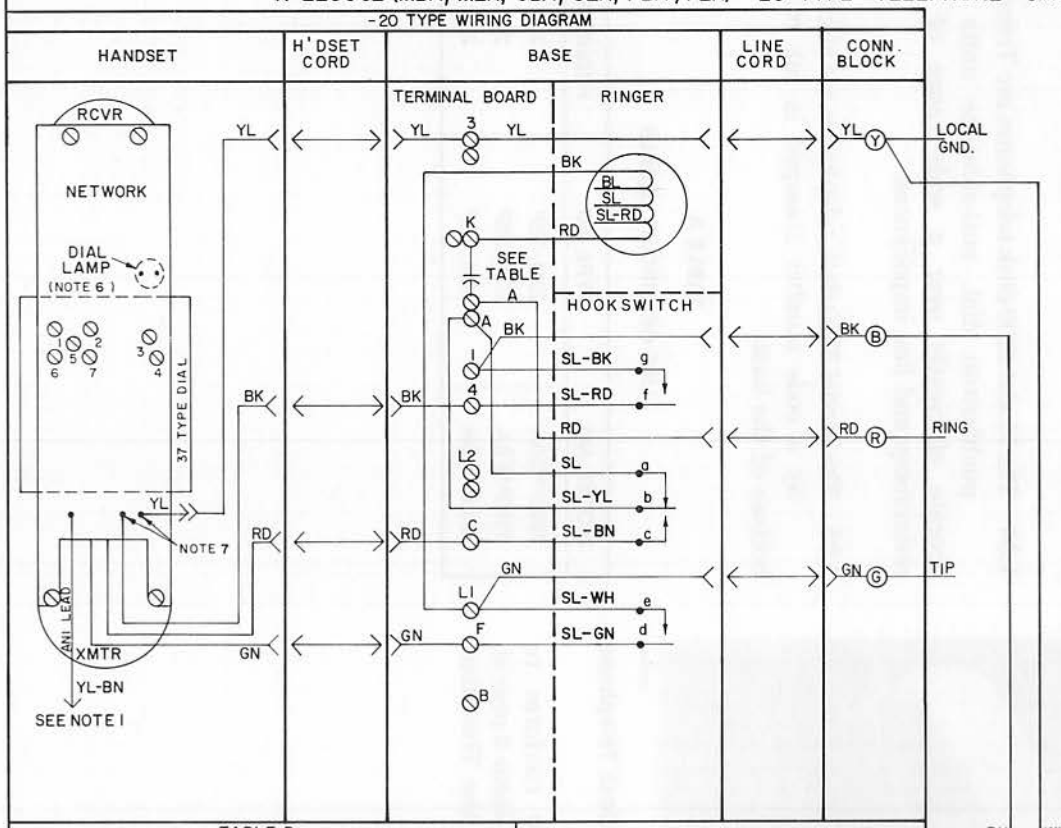
MODEL NO	TYPE NO	FIGURE NO
2200**OBA	20M, 20P	2
2200**FBA	20M, 20P	2
2200**MBA	20M, 20P	2

AW89-66

184930-101

K-2200CL (MBA/MLR, OBA/OLR, FBA/FLR) -20 TYPE TELEPHONE CIRCUIT

-20 TYPE WIRING DIAGRAM



NOTES:

1. THIS CONDUCTOR NEEDED FOR PARTY IDENTIFICATION (ANI) PURPOSES IS TAPED & STORED. TO PROVIDE ANI OPTION:
   (A.) REMOVE THE YELLOW WIRE ON MODULAR JACK FROM THE YELLOW WIRE CONNECTED TO THE NETWORK. (REINSULATE THE NETWORK WIRE). THEN CONNECT THE YELLOW JACK WIRE TO THE YL-BN WIRE & REINSULATE THIS CONNECTION.
   (B.) REMOVE THE YELLOW HANDSET WIRE FROM TERMINAL "3" AND CONNECT IT TO TERMINAL "8" ON THE TERM. BOARD THEN OBSERVE OTHER CONNECTIONS PER TABLES A & B.
2. FOR SUPERIMPOSED RINGING FEATURE ORDER INSTRUCTION SHEET 180659 & 180640 DIODE.
3. THE DIAL LIGHT TRANSFORMER IS NOT USED WITH THE ANI OPTION ON THE -20 TYPE FEATURE.
4. FOR SCHEMATIC OF SET SEE TIMM-2 TELEPHONE INSTRUMENT MAINTENANCE MANUAL.
5. TAPE & STORE
6. THE BULB FOR THE DIAL LAMP IS NOT PROVIDED WITH THE SUBSET.
7. THESE CONDUCTORS MAKE CONNECTION TO THE DIAL LAMP ON -20 TYPE SUBSETS
8. PARTY IDENTIFICATION RINGER OPTIONS - TO REDUCE LINE NOISE.
   A. REMOVE CAPACITOR LEAD FROM A TO L2.
   B. REMOVE SL HOOKSWITCH LEAD FROM A TO L2.

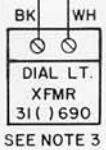


TABLE B
LINE AND RINGER CONNECTIONS

WIRE OR LEAD		INDIV. OR BRDG.	RING PARTY	TIP PARTY NO IDENT. GRD.	TIP PARTY IDENT. GRD. 1000Ω	TIP PARTY IDENT. GRD. 2650Ω
INSIDE WIRE	RING R	A	A	L1	L1	L1
	TIP G	L1	L1	A	A	A
	GRD Y	3	3	3	3	3
RINGER	RD	K	K	K	K	K
	BK	L1	3	3	3	3
	BL	NOTE 5	NOTE 5	NOTE 5	B	NOTE 5
	SL	NOTE 5	NOTE 5	NOTE 5	NOTE 5	B
	SL-RD	NOTE 5	NOTE 5	NOTE 5	NOTE 5	NOTE 5
H'DSET CORD	RD	C	C	F∓	F∓	F∓
	GN	F	F	C∓	C∓	C∓

∓ WIRING CHANGE NOT NECESSARY FOR TELEPHONES EQUIPPED WITH POLARITY GUARD. (CODES ENDING WITH 'P')

TABLE A
RINGER SERIES CAPACITOR

TERMS.	CAP. MFD	CODE SERIES
A-K	.47	HA4, HA5, HB5, HC1, BA
A-K	.25	HA1, HB1, HC3
A-K	.15	HB2, HC4
A-K	.08	HA2, HA3, HB4, HC2, HC5

4
ISSUE NO.

Figure 2: Circuit Label, Model 2200 OBA Type 20; Model 2200** FBA Type 20; Model 2200** MBA Type 20**