

TRENDLINE DIAL LIGHT PUSHBUTTON DIAL, DESK TELEPHONES GENERAL DESCRIPTION

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1. GENERAL DESCRIPTION

1.01 This document covers the Trendline dial light, pushbutton dial, desk telephones. (See Figure 1.) A general description plus information peculiar to Trendline dial light, pushbutton dial, desk telephones is included.

1.02 Whenever this section is reissued, reason for reissue will be listed in this paragraph.

1.03 Selected versions of the Model 3200 Trendline telephone have been manufacturing discontinued and are no longer available. Ordering information is not furnished for manufacturing discontinued versions. The descriptive information has, however, been retained as a reference for telephones still in service.

1.04 A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-200-107. The circuit label appears in Section 50-200-108. Related documents of the CORTELCO Telephone Apparatus Practices Manual provide information on components.

1.05 The Model 3200 desk telephones are Trendline, pushbutton dial telephones equipped with a dial light. The dial light is on when the station user goes off-hook. These telephones are anti-sidetone units that operate efficiently over a wide range of loop resistances and line impedances. Modular electronic components are used in the telephone handset, and conventional components are used in the telephone base.

1.06 The Model 3200 desk telephones are identified by a coded label affixed to the bottom of the



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Figure 1: Trendline Dial Light, Pushbutton Dial, Desk Telephone

telephone base. Refer to ordering information in Table A for an explanation of each code number.

1.07 The Model 3200 desk telephones are available as full-modular versions. This version is designated by a code letter in the telephone code number. (Refer to Table A.)

1.08 Nonmodular version desk telephones (no longer available) include a modular handset cord and a line cord. The line cord is terminated on one end with a modular plug for inserting into the modular jack in the telephone. The line cord is terminated on the other end with spade-tip connectors for attaching to a nonmodular wall jack. This version is designated by the code letter O.

1.09 Full-modular version desk telephones are equipped with or without a modular handset cord and a modular line cord. However, all full-modular desk telephones are equipped with jacks to accept the plugs of a modular handset cord and a modular line cord. The full-modular version with a modular handset cord and a modular line cord is

TABLE A
ORDERING INFORMATION - TELEPHONES

CODE NUMBERS															
TELEPHONE CODE NUMBERS ARE FORMED IN SIX STEPS AS FOLLOWS:															
				3200		44		M		BA		20		M	
(1)	Type of Instrument (See Part 1)														
(2)	Color (See Part 2)														
(3)	Version (See Part 3)														
(4)	Ringer (See Part 4)														
(5)	Special Feature (See Part 5)														
(6)	Dial (See Part 6)														
PART 1 TYPE OF INSTRUMENT															
CODE	DESCRIPTION	COLOR OFFERED		VERSION OFFERED		RINGER OFFERED		FEATURE OFFERED		DIAL OFFERED					
3200	Trendline Dial Light, Pushbutton Dial, Desk Telephone	00, 09, 13, 15, 44, 45, And 47 (Available On All Models)		M		BA		20, 21		M					
REFER TO INDIVIDUAL UNIT DESCRIPTION FOR COMPLETE DESCRIPTION OF FEATURE COMBINATIONS															
PART 2 COLORS		PART 3 VERSIONS		PART 4 RINGERS		PART 5 SPECIAL FEATURES		PART 6 DIALS							
CODE	COLORS	CODE	VERSIONS	CODE	RINGERS	CODE	SPECIAL FEATURES	CODE	DIAL						
00	Black	M	Full-Modular (With Cords)	BA	Straight-Line	20	No Special Feature	M	Metropolitan (Letters & Numerals)						
09	Ivory					21	20 With 9-Foot Handset Cord								
13	Beige														
15	White														
44	Light Ash														
45	Cocoa Brown														
47	Cherry Red														

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designated by the code letter M. The full-modular version without a modular handset cord and a modular line cord is designated by the code letter F (no longer available).

1.10 The Model 3200 desk telephones are described in the following paragraphs. The circuit label drawing for these telephones is contained in Section 50-200-108.

MODEL 3200 () 20**

1.11 The Model 3200** () 20 is a single-line, pushbutton dial, desk telephone. It provides no special features. The base assembly for the Model 3200 desk telephone includes the ringer and the hookswitch assembly. The handset assembly includes the transmitter assembly, the receiver, the

dial network assembly, and the transformer printed board assembly. The components in the handset are plugged in or connected by spade-tip connectors.

1.12 The transmitter is an electret condenser microphone with a permanent electrical charge. The receiver is a central armature type compatible with hearing aids that have a T-Switch (Telecoil). The dial network assembly converts the dial keypad inputs into DTMF (Dual Tone Multi-frequency) tones and acts as the network circuitry for the transmitter and receiver. The transformer printed board assembly supplies the voltage to the dial light circuit. An operator recall button, located below the dial keypad, may be momentarily pressed to disconnect a line. This allows a series of calls to be made without operating the telephone hookswitch.

MODEL 3200 () 21**

1.13 The Model 3200** () 21 is the same as the Model 3200** () 20 with the addition of a 9-foot handset cord.

2. INSTALLATION

2.01 Installation of the full-modular versions of these telephones consists of inserting the modular line cord plug into an available modular wall jack. Refer to the circuit label for installation wiring of the nonmodular version telephones.

3. MAINTENANCE

3.01 For replacement parts information and for an exploded-view drawing of major assembly groups, refer to Section 50-200-107.

Warning: The electret condenser microphone used in the Model 3200 telephone handset may be damaged by cleaning solvents. Solvents that contain acids or ammonia emit fumes that may damage the internal components of the microphone. When cleaning the handset, use solvents sparingly. Apply solvents with a cloth to avoid direct contact with the microphone.