

2-LINE, ROTARY DIAL, WALL TELEPHONES

GENERAL DESCRIPTION

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1. GENERAL DESCRIPTION

1.01 This document covers the 2-line, rotary dial, wall telephones. (See Figure 1.) A general description as well as information that is peculiar to 2-line, rotary dial, wall telephones is included.

1.02 This section is reissued to add the full-modular (M) version of the 2-line, rotary dial, wall telephones. Nonmodular (O), quarter-modular (Q), and full-modular (F) versions of the 2-line, rotary dial, wall telephones have been manufacturing discontinued as well as the following:

- (a) Less ringer (LR) telephones.
- (b) Regular (R) dial and no (N) dial telephones.
- (c) Feature code 30 telephones.
- (d) Color code 05 and 43 telephones.

Note: Ordering information for manufacturing discontinued telephones has been removed; however, descriptive information has been retained as a reference for telephones still in service.

1.03 A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-555-101. The circuit labels appear in Section 50-555-102. Related documents of the CORTELCO Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 555 wall telephones are 2-line, rotary dial, anti-sidetone type units that



Figure 1: 2-Line, Rotary Dial, Wall Telephone

operate efficiently over a wide range of loop resistances and line impedances. These telephones are equipped with a turn-and-push key (located on the front of the housing) that permits either of two lines to be selected by turning the key from one position to the other. The push feature of the key provides a set of normally-open contacts for signaling if required. These telephones are also equipped with a hold switch (located in the plunger assembly extending through the top of the housing) that permits either of the two lines to be placed on hold by pressing on the plunger. Pulling up on the plunger or restoring the handset to the cradle will release the hold switch. The ringer is connected to line 1; a separate ringer must be provided if signaling is required for line 2.

1.05 The Model 555 wall telephones are identified by a coded label affixed to the bottom of the base plate. Refer to ordering information in Table A for an explanation of each code number and a list of available versions and features.

1.06 The Model 555 wall telephones are nonmodular, quarter-modular, or full-modular versions. These versions are designated by a code letter in the telephone code number. (Refer to Table A.)

TABLE A
ORDERING INFORMATION - TELEPHONES

CODE NUMBERS									
TELEPHONE CODE NUMBERS ARE FORMED IN SIX STEPS AS FOLLOWS:									
(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			
555	2-Line, Rotary Dial, Wall Telephone	00, 09, 13, 15, 44, And 45 (Available On All Models)	M	BA	60	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 Handset Cord)	BA	Straight-Line	60	No Special Feature (6-Conductor Modular Plug)	M	Metropolitan (Letters & Numerals)
09	Ivory								
13	Beige								
15	White								
44	Light Ash								
45	Cocoa Brown								

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1.07 Nonmodular version telephones (no longer available) include a hard-wired handset cord. It is required that a line cord be hard-wired to the terminals provided in the telephone. This version is designated by the code letter O.

1.08 Quarter-modular version telephones (no longer available) include a hard-wired handset cord, and a modular plug is provided as part of the base assembly for inserting into a modular wall jack. This version is designated by the code letter Q.

1.09 Full-modular version telephones are available with or without a modular handset cord. However, all full-modular version telephones are equipped with jacks to accept the plugs of a modular handset cord, and a modular plug is provided as part of the base assembly for inserting into a modular wall jack. The full-modular version of the telephone with a modular handset cord, terminated on both ends with modular plugs, is designated by the code letter

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

1.10 The Model 555** () 30 telephones are described in the following paragraphs. The circuit labels for these telephones are contained in Section 50-555-102.

MODEL 555 () 30**

1.11 The Model 555** () 30 is a 2-line, rotary dial, wall telephone. It provides no special features and is a nonmodular unit.

MODEL 555 () 60**

1.12 The Model 555** () 60 is a 2-line, rotary dial, wall telephone. It provides no special features and is a full-modular unit.

2. INSTALLATION

2.01 Installation of the full-modular versions of these telephones consists of inserting the modular plug, located on the telephone base, into an available modular wall jack. Refer to the appropriate circuit label for installation wiring of nonmodular version telephones.

Note: Installation of the telephones requires the use of 6-conductor line cord.

3. MAINTENANCE

3.01 For replacement parts information and for an exploded-view drawing of major assembly groups, refer to Section 50-555-101.