ENHANCED TRENDLINE, PUSHBUTTON DIAL, DESK/WALL TELEPHONES

GENERAL DESCRIPTION

1. GENERAL DESCRIPTION

1.01 This document covers the enhanced Trendline, pushbutton dial, desk/wall telephone. (See Figure 1.) A general description as well as information peculiar to the enhanced Trendline, pushbutton dial, desk/wall telephones is included.
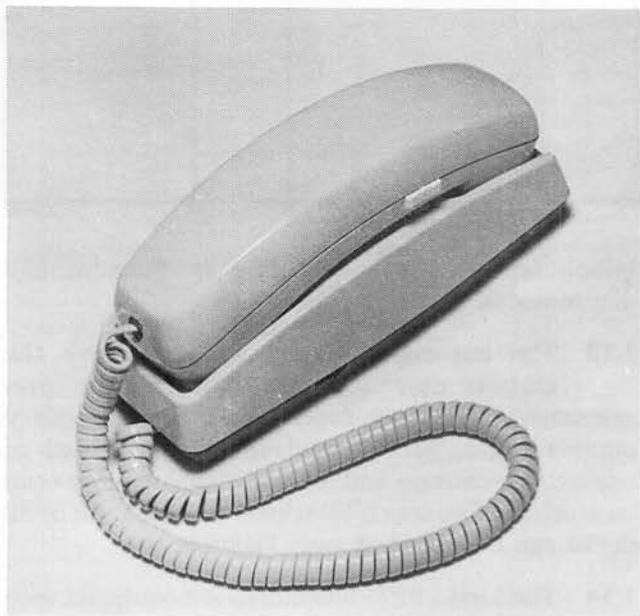
AW89-224

Figure 1: Enhanced Trendline, Pushbutton Dial, Desk/Wall Telephone

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

1.03 A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-275-101. Circuit labels are not provided for the telephones. Related documents of the CORTELCO Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 8275 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. The telephones are compatible with inductively-coupled hearing aid devices. A receiver volume control switch is located on the side of the handset.

1.05 The Model 8275 telephones are identified by a coded label affixed to the bottom of the telephone. Refer to ordering information in Table A for an explanation of each code number and available features.

1.06 The Model 8275 telephones are available in full-modular versions. Full-modular version telephones are equipped with a modular handset cord, a modular line cord for desk mounting, and a built-in modular line cord for wall mounting. The modular handset cord and the modular line cord are terminated on each end with modular plugs. The built-in line cord is terminated on one end with a modular plug and on the other end with spade tip connectors. This version is designated by the code letter M. (Refer to Table A.)

1.07 The Model 8275 telephone is described in the following paragraphs.

MODEL 8275 ( ) 21**

1.08 The Model 8275 telephone is a single-line, pushbutton dial, desk/wall telephone equipped with an operator recall button, tone/pulse switchable dialing, redial, timed hookswitch flash, and automatic dialing for three, one-touch emergency numbers and ten, two-touch numbers.

TABLE A

ORDERING INFORMATION · TELEPHONES

CODE NUMBERS						
TELEPHONE CODE NUMBERS ARE FORMED IN SIX STEPS AS FOLLOWS:						

```
                                         8275    44    M    BA    21    F
(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
8275	Enhanced Trendline, Pushbutton Dial, Desk/Wall Telephone	00, 13, 15, 44, 62, 63, 64, 80, 82	M	BA	21	F

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	21	Standard Telephone Equipped With 9-Foot, Coiled Handset Cord	F	Tel-Flash
13	Beige								
15	White								
44	Light Ash/ Almond								
62	Mauve								
63	Dove Gray								
64	Wedgewood Blue								
80	Taupe								
82	Peach								

AW89-227

1.09 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.

1.10 The Tone/Pulse switch is used to change from Pulse (Tel-Pulse) to Tone (Tel-Touch) dialing. The switch can be set to TONE for tone dialing or to PULSE for pulse dialing.

1.11 The REDIAL button is used to automatically redial the last number dialed. The redial memory stores a maximum of 32 digits.

1.12 The FLASH button is used to send a timed line disconnect (interrupt) during an active call and access custom calling features provided by the

telephone company. The line is momentarily disconnected for 600 milliseconds.

1.13 The automatic dialing feature allows the station user to store and retrieve programmed numbers or functions. Three emergency numbers (fire, police, medical) can be stored in one-touch locations, and ten additional numbers can be stored in two-touch locations. A maximum of 32 digits can be stored at each location.

1.14 The Model 8275 telephones are equipped with a long-life lithium battery to protect automatic dialing numbers or functions. A directory is provided for writing the numbers stored in each location.

1.15 The base assembly for the Model 8275 telephone includes the ringer and the

hookswitch assembly. The handset assembly includes the transmitter assembly, the receiver, and the dial network assembly. The components in the handset are plugged in or connected by spade-tip connectors.

1.16 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 Multifrequency) tones and acts as the network circuitry for the transmitter and receiver.

2. INSTALLATION

2.01 The Model 8275 telephone can be installed as a desk telephone or as a wall telephone.

2.02 To install as a desk telephone:

(a) Insert a modular plug of the long line cord into the modular jack in the bottom of the telephone base.

(b) Insert the plug on the other end of the line cord into a standard modular telephone jack.

(c) Route the line cord through the channel in the bottom of the telephone base (see Figure 2), and press under the two tabs at the top of the channel.
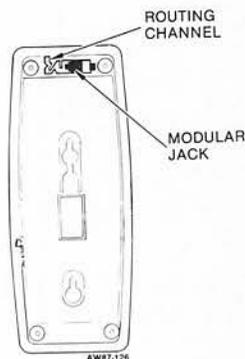
Figure 2: Line Cord Connecting Diagram - Desk Telephone

2.03 To install as a wall telephone:

(a) Remove the modular plug of the short line cord from its storage area in the bottom of the telephone base. (See Figure 3.)

(b) Insert the modular plug into the modular jack of the wall jack assembly. Fold the excess cord into the storage area.

(c) Note the two mounting rivets on the wall jack assembly. Align the base so that the two mounting rivets are inserted into the two mounting holes in the bottom of the telephone. Slide the base downward until it snaps into position.
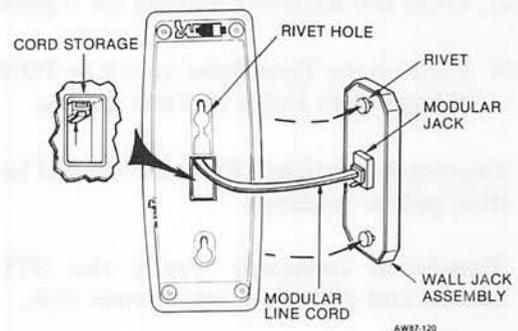

Figure 3: Installation Diagram - Wall Telephone

3. MAINTENANCE

3.01 For replacement parts information and for an exploded-view drawing of major assembly groups, refer to Section 50-275-101.

Warning: The electret condenser microphone used in the Model 8275 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.

4. OPERATION

A. Automatic Dialing

4.01 Automatic dialing can be performed with the Model 8275 telephone to store and retrieve programmed numbers or functions. Three one-touch and ten two-touch locations can be stored.

4.02 To store a number or function for automatic dialing:

(a) Lift the handset and check for dial tone.

(b) Press the STORE button.

(c) Dial the desired number or function (32 digits maximum).

(d) If desired, store the following functions:

  (1) Press the FLASH button for a timed hookswitch flash.

  (2) Press the REDIAL button for a pause.

  (3) Position the Tone/Pulse switch to TONE to change from Pulse to Tone dialing.

(e) *One-touch location:* Press the desired button (fire, police, medical).

  Two-touch location: Press the STORE button and dial the location code (0-9).

(f) Place the handset on-hook.

4.03 To access a number for automatic dialing:

(a) Lift the handset and check for dial tone.

(b) *One-touch location:* Press the desired button (fire, police, medical).

  Two-touch location: Press the MEM button and dial the location code (0-9).

B. Redial

4.04 To automatically redial the last number dialed:

(a) Lift the handset and check for dial tone.

(b) Press the REDIAL button.

C. Flash

4.05 To send a flash during an active call, press and release the FLASH button. The results depend on the connected telephone service.