

## 20-BUTTON, PUSHBUTTON DIAL, DESK TELEPHONES WITH BUILT-IN CALL ANNOUNCER REPLACEMENT PARTS

### 1. GENERAL

**1.01** This document covers the 20-button, pushbutton dial, desk telephone with built-in call announcer. (See Figure 1.) An exploded-view drawing of the telephone with major assembly groups (see Figure 2) and a replacement parts list (see Table A) are included.

**1.02** This section is reissued to reflect changes in the 20-button, pushbutton dial, desk telephone with built-in call announcer and to incorporate the changes listed in the Telephone Apparatus Practices Change Notice, Section 11-510-100. Whenever this section is reissued, reason for reissue will be listed in this paragraph.

**1.03** For additional information on description and installation of the telephones, refer to Section 50-871-103. The circuit labels appear in Section

50-871-105. Related documents of the ITT Telephone Apparatus Practices Manual provide information on components.

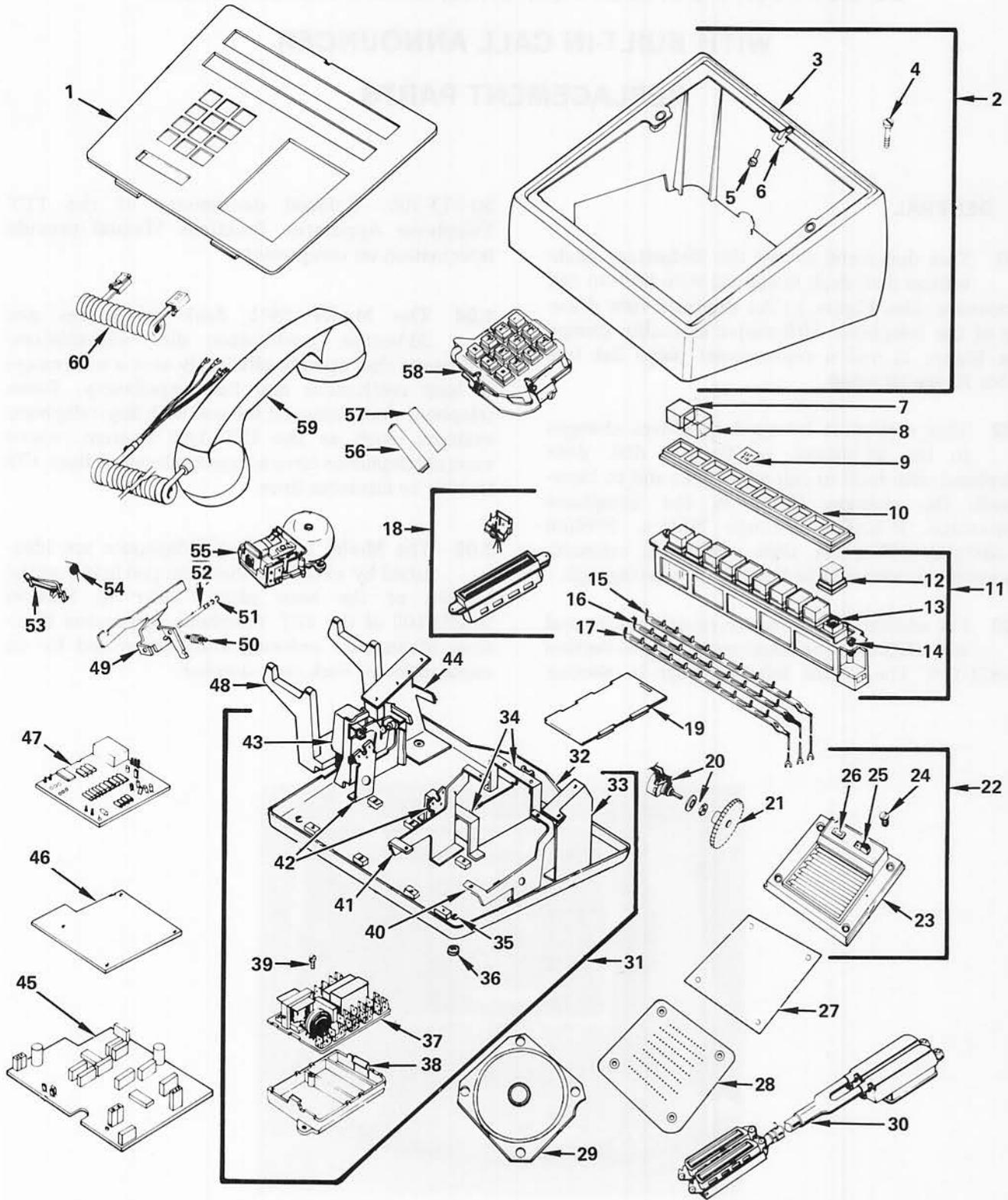
**1.04** The Model 2871 desk telephones are 20-button, pushbutton dial, anti-sidetone type units that operate efficiently over a wide range of loop resistances and line impedances. These telephones are designed for use with key telephone systems, such as the ITT 1A2 System, where several telephones have access to the same lines, CO trunks, or intercom lines.

**1.05** The Model 2871 desk telephones are identified by a code number stamped in ink on the bottom of the base plate. Refer to Section 50-871-103 of the ITT Telephone Apparatus Practices Manual for ordering information and for an explanation of each code number.



AW 82-461

Figure 1: 20-Button, Pushbutton Dial, Desk Telephone With Built-In Call Announcer



AW 84-661

Figure 2: 20-Button, Pushbutton Dial, Desk Telephone With Built-In Call Announcer, Exploded View

TABLE A  
REPLACEMENT PARTS LIST

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			2871/42	2871/46	2871/76
		<b>20-Button, Pushbutton Dial, Desk Telephone With Built-In Call Announcer</b>			
1	181793-***	Faceplate	1	—	—
1	182785-***	Faceplate	—	1	1
2	181102-0**	Housing Assembly	1	1	1
2	187906-0**	Housing Assembly, Full-Modular	1	1	1
3	181104-0**	Housing	1	1	1
3	187922-0**	Housing, Full-Modular	1	1	1
4	095992-102	Screw, Housing	2	2	2
5	181100-101	Spring, Latch	1	1	1
6	181289-101	Screw, Latch Spring	1	1	1
7	181131-102	Cap, Red	1	1	1
8	181131-101	Cap, Clear	19	19	19
9	181281-101	Tab, Key Designation (Strip Of 12)	2	2	2
10	181287-101	Collar, Key Strip	2	2	2
11	181137-101	Key Assembly (9 Lines With Hold)	1	1	1
11	181137-102	Key Assembly (10 Lines)	1	1	—
11	182661-101	Key Assembly (10 Lines)	—	—	1
12	181122-101	Button	20	20	20
13	000051-00A	Lamp	19	19	19
14	095992-102	Screw	4	4	4
15	181292-101	Strip, Contact (GN Wire)	2	2	2
16	181292-102	Strip, Contact (RD Wire)	2	2	2
17	181292-105	Strip, Contact (SL Wire)	1	1	1
18	181154-101	Cord, Internal	1	1	1
18	181155-101	Cord, Internal	1	1	—
18	182662-101	Cord, Internal	—	—	1
19	181290-101	Slide	1	1	1
20	184061-101	Control, Volume	1	1	1
21	181808-101	Knob, Volume Control	1	1	1
22	184054-201	Speaker Grill Assembly	1	1	1
23	184050-201	Grill, Speaker	1	1	1
24	181892-101	Screw, Speaker Grill	4	4	4
25	184052-101	Switch, Slide	1	1	1
26	184053-101	LED	1	1	1
27	181899-101	Cloth, Grill	1	1	1
28	181794-101	Plate, Speaker Baffle <sup>4</sup>	1	1	1
29	184060-101	Speaker Assembly	1	1	1
30	184355-102	Cord, Mounting (100-Conductor)	1	1	1

## SECTION 50-871-104, ISS 2

TABLE A  
REPLACEMENT PARTS LIST (Cont)

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			2871/42	2871/46	2871/76
		20-Button, Pushbutton Dial, Desk Telephone With Built-In Call Announcer			
31	184055-102	Base Assembly	1	1	1
32	181141-105	Plate, Base <sup>2</sup>	1	1	1
33	181253-101	Bracket, Key Right	1	1	1
34	181255-101	Bracket, Plug	2	2	2
35	082486-102	Rivet, Foot	4	4	4
36	182337-101	Foot	4	4	4
37	181427-102	PC Network (#183070-102) <sup>1</sup>	1	1	1
38	182175-101	Spacer, Network	1	1	1
39	096407-103	Screw, Network Mounting	1	1	1
40	181801-101	Bracket, Speaker Right	1	1	1
41	181800-101	Bracket, Speaker Left	1	1	1
42	181254-102	Bracket, Dial	2	2	2
43	181260-101	Cradle Switch Assembly <sup>1</sup>	1	1	1
44	181150-102	Left Bracket Assembly	1	1	1
	185619-101	Left Trip Bracket Assembly	1	1	1
	181252-101	Bracket, Key Left	1	1	1
	185618-101	Bracket, Trip	1	1	1
45	184059-101	PC Board (Call Announcer)	1	1	1
46	184056-102	Terminal Board	1	1	1
47	182691-101	PC Board (Exclusion)	—	—	1
48	183105-102	Switch Hook Assembly	1	1	1
	182900-101	Cradle, Switch Hook	1	1	1
	181145-101	Screw, Switch Hook Cradle	3	3	3
	185494-101	Operating Arm Assembly	1	1	1
	185487-101	Arm, Operating	1	1	1
	075307-104	Spring, Cradle Return	1	1	1
	181282-101	Shaft, Pivot	1	1	1
	073538-110	Ring, Retainer	1	1	1
49	185488-101	Arm, Latch	1	1	1
50	181151-101	Spring, Latch Arm	1	1	1
51	073538-110	Ring, Retainer	2	2	2
52	181152-101	Pin, Pivot	1	1	1
53	185486-101	Arm, Trip	1	1	1
54	185485-101	Spring, Torsion	1	1	1

TABLE A  
REPLACEMENT PARTS LIST (Cont)

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			2871/42	2871/46	2871/76
		20-Button, Pushbutton Dial, Desk Telephone With Built-In Call Announcer			
55	000148-DBA	Ringer <sup>1</sup>	1	1	1
56	087514-101	Retainer, Number Card	1	1	1
57	087513-101	Card, Number	1	1	1
57	087513-102	Card, Number, Strip Of 6 (Not Shown) <sup>5</sup>	—	—	—
58	004600-0PG	Dial Assembly, Pushbutton Digital, Metropolitan (Letters And Numerals) <sup>1, 3</sup>	1	1	1
58	003600-0PG	Dial Assembly, Pushbutton Tel-Touch, Metropolitan (Letters And Numerals) <sup>1, 4</sup>	1	1	1
59	0065**-0C2	Handset Assembly, Nonmodular <sup>1</sup>	1	1	1
59	0065**-0M2	Handset Assembly, Modular <sup>1</sup>	1	1	1
60	9018**-072	Cord, Handset, Modular	1	1	1
	600152-611-001	Jack Assembly, Handset Cord, Modular (Not Shown)	1	1	1
	182990-105	Insulator Assembly, Modular (Not Shown)	1	1	1
	181973-101	Pushbutton, Operator Recall (Not Shown)	—	1	—
	181971-101	Pushbutton, Exclusion Release (Not Shown)	—	—	1
	187944-101	Nameplate, ITT (Not Shown)	1	1	1

AW 84-869

## NOTES:

- <sup>1</sup> Refer to Components Parts Section of this manual for Assembly Parts List.  
<sup>2</sup> This is an NSS item (not serviced separately).  
<sup>3</sup> The 004600-0PG dial replaces the 003600-0PG dial.  
<sup>4</sup> These products have been discontinued, but are included to provide a source of information for telephones still in service.  
<sup>5</sup> These products must be ordered separately.  
 \*\* Substitute 2-digit color code when ordering.  
 \*\*\* Substitute 3-digit color code when ordering faceplate.

CODE	COLOR	CODE	COLOR	CODE	COLOR	CODE	COLOR
101	Charcoal	104	Light Gray	107	Cocoa Brown	110	Clear
102	Light Green	105	Burnt Orange	108	Harvest Gold	111	Woodgrain
103	Muted Beige	106	Light Ash	109	Cherry Red		