5011T01A "TOUCH-A-MATIC®" S SERIES TELEPHONE SET

IDENTIFICATION, INSTALLATION, CONNECTIONS, OPERATION,

AND MAINTENANCE

1. GENERAL

1.01 This section contains information on the TOUCH-A-MATIC S series 12-button, wall type telephone set (Fig. 1 and 2).

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

1.03 This telephone set can only be used on individual or single line TOUCH-TONE® service.

> *Note:* This set is not designed for speakerphone, loudspeaker, *A* lead control, or party line service.

1.04 The set is available in the colors listed Table A. The only faceplate color available for the automatic dialer is silver (-122).

2. IDENTIFICATION

2.01 The 5011T01A wall telephone set has a 12-button automatic dialing feature. The two top name and digit buttons are illuminated by red and green light emitting diodes (LEDs). The set also contains a TOUCH-TONE dial, tone ringer, and a M1A handset.

2.02 *Design Features:*

- Modular unit

- Solid state circuit memory and network

- Automatic dialing of up to 12 preprogramed telephone numbers

- Will store up to 16 digits per number

- Capability to record, change, or delete numbers in memory

- Single button dialing and directory space for names and telephone numbers

- Two illuminated buttons to highlight important telephone numbers

- M1A handset

- Electronic tone ringer

- Internal S1 sounder unit which provides tones for automatic dialing, indicating proper recording procedures, and for checking the battery

- Battery powered repertory dialer

- Telephone number recording with handset on- or off-hook. Off-hook recording does not interfere with conversation

- RECORD ON/OFF button protected during normal usage by faceplate to prevent inadvertent erasure of stored numbers

- Built in polarity guard.

2.03 *Operating Features:*

This set is not compatible with all facilities due to limited available loop current, and may not function properly in all cases. When these sets are connected to these facilities, such as analog loop carrier systems (SLC-1 type, SLC-8 type) and long loops (over 1300 ohms), the sets may not dial from the manual

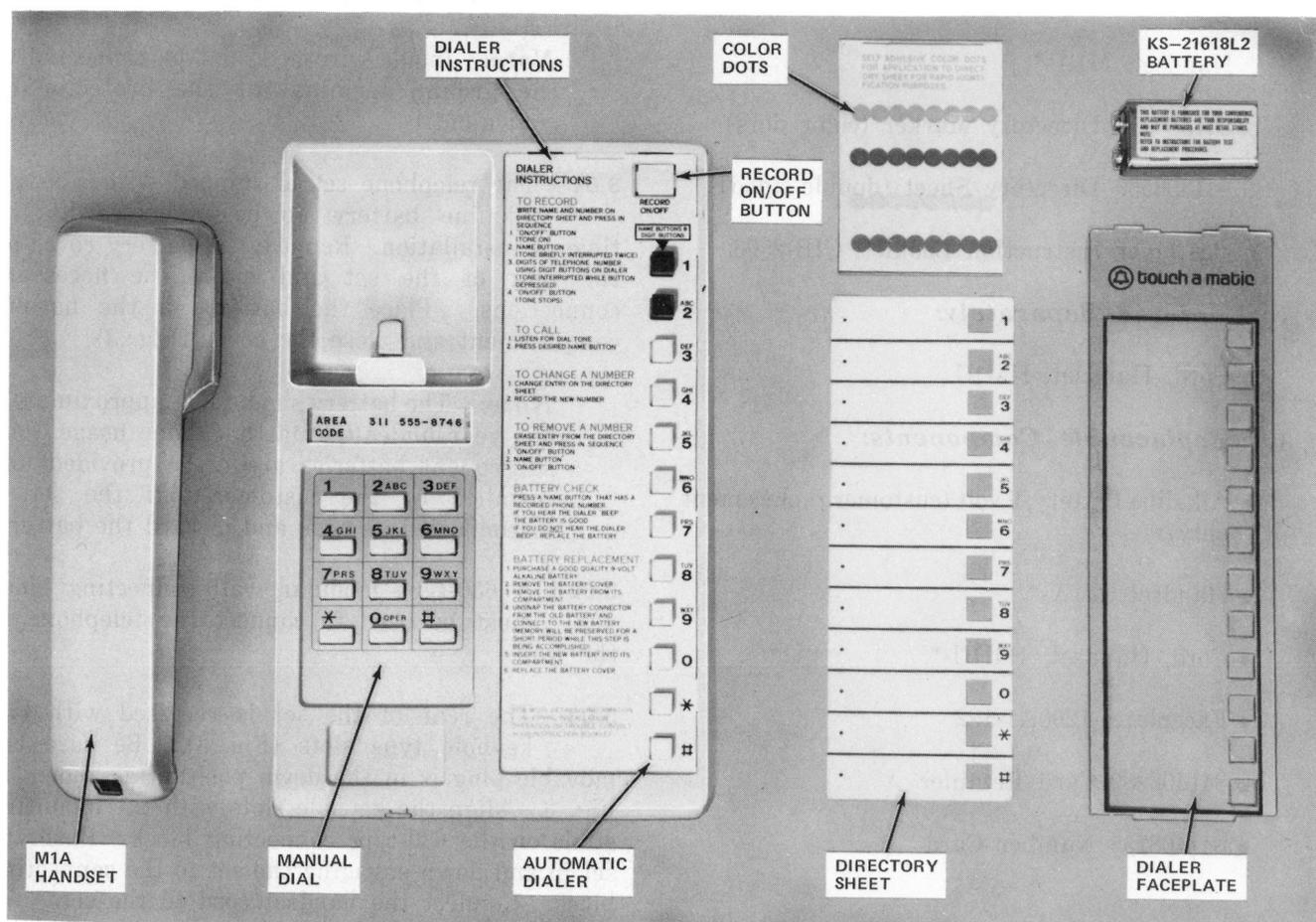Fig. 1—5011T01A Telephone Set

Fig. 2—5011T01A Telephone Set With Handset, Dialer Faceplate, Directory Sheet, and Battery Removed

dial keypad. When this incompatibility is encountered, the customer should be directed to exchange the set for another product.

• 12-button memory field with low force, short travel nonlocking buttons

• TOUCH-TONE dialing (with short travel buttons

• RECORD ON/OFF button, under faceplate, when momentarily depressed places dialer in the record mode, subsequent operation terminates the recording mode

• Approximately 1 to 1-1/2 minutes automatic time out if left idle in the record mode

• Approximately 10 second light time out on the red and green LED illuminated buttons

• Normal telephone usage with either the automatic dialer or manual TOUCH-TONE dial

• Tone ringer with slide adjustment for volume control

• No provisions have been made in this set design to provide for ringer cutoff.

2.04 *Ordering Guide:*

(a) The 5011T01A is a modular type telephone set and may be ordered as follows:

• Set, Telephone, 5011T01A-* (includes the following):

Faceplate, 1200A1-122

Battery, KS-21618L2 (9-volt)

Handset, M1A-*

841386352 Directory Marker (color dots)

841396559 Directory Sheet (double-sided)

Customer Instruction Booklet, CIB-2506.

(b) *Ordered Separately:*

- Cord, Handset, H4DU.

(c) *Replaceable Components:*

- Alkaline Battery, 9 volt (customer replacement only)

- Handset, M1A-*

- Cord, Handset, H4DU-*

- Faceplate, 1200A1-122

- 841408289 Card Retainer

- 841408255 Number Card

- 841396559 Directory Sheet (double-sided)

- Battery cover*.

* Add color suffix or comcode number from Table A.

3. **INSTALLATION AND CONNECTIONS**

Note: Inside wire need not be connected to the ground terminal at the protector or equivalent.

3.01 The telephone set is shipped with a 9-volt alkaline battery, to be connected at the time of installation. Remove the battery cover on the rear of the set and make the necessary connections. Place the battery in the battery compartment and close the cover (Fig. 3).

Note: The battery should last approximately one year under normal telephone usage. All subsequent batteries are to be provided and installed by the customer. If the set is disconnected, remove and discard the battery.

3.02 A 630-type modular wall connecting block must be used to connect the telephone to the wall.

3.03 The rear of the set is recessed with two keyhole type slots (Fig. 3). Be sure the movable plug is in the down position as shown in Fig. 3. Align the keyhole slots with the mounting studs on the 630-type connecting block. Push the set in and down engaging the set to the connecting block. Connect the handset cord to the set.

3.04 *Installation Test:*

(a) *Telephone Set.*

(1) Dial the appropriate code for ring-back to test the telephone set tone ringer.

TABLE A

TELEPHONE SET HOUSING, HANDSET CORD, BATTERY COVER,
AND FACEPLATE COLORS

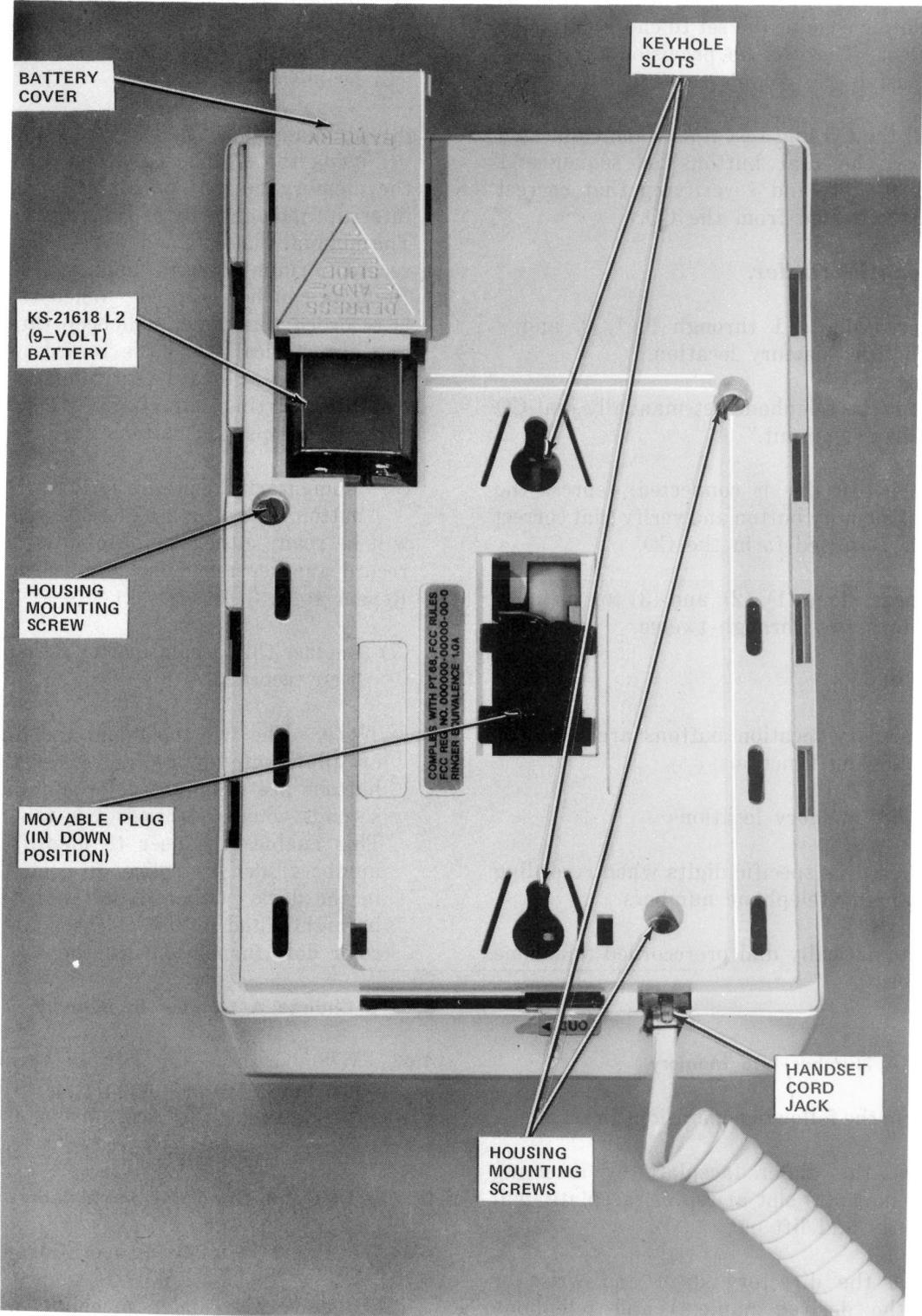| HOUSING, HANDSET CORD, AND BATTERY COVER COLOR	HOUSING AND HANDSET CORD, SUFFIX	BATTERY COVER NUMBERS	FACEPLATE COLOR	SUFFIX
Ivory	-50	841411507		
Green	-51	841411515		
Yellow	-56	841411523	Silver	-122
White	-58	841411531		
Brown	-104	841411549		
Rust	-124	841411556		

Fig. 3—5011T01A Telephone Set, Bottom View

Move the ringer volume control lever (Fig. 5) on the lower edge of the set to check variation of volume. There is no provision for ringer cut off using the volume control.

(2) Call the CO dial test line, when connected press the dial buttons in sequence 1 through 9, *, 0, and # verifying that correct signal is returned from the CO.

(b) *Automatic Dialer.*

(1) Record digits 1 through 9, *, 0, and # into first memory location.

(2) From the telephone set manually dial CO "dial test circuit."

(3) When test line is connected, depress the first memory button and verify that correct signal is returned form the CO.

(4) Repeat Steps (1), (2), and (3) for memory buttons two through twelve.

4. OPERATION

4.01 The memory location buttons are used for the following functions:

● To select memory locations

● To be used as specific digits when recording or changing telephone numbers

● To automatically dial prerecorded telephone number.

A. To Place A Number Into Memory

4.02 Perform the following operations in sequence.

(1) Remove the dialer faceplate by inserting finger nail into slot at top of faceplate, pull down slightly and lift out.

(2) Remove the directory sheet and write or type the desired name(s) and telephone number(s).

(3) Momentarily depress the RECORD ON/OFF button (Fig. 2). (A constant tone will be heard.)

(4) Momentarily depress the memory button adjacent to the desired name listed on the directory sheet. (A double interrupt of the tone will be heard.)

(5) Manually dial the desired telephone number using the digit designations to the right of the memory buttons on dialer. (The tone will interrupt momentarily as each digit is recorded.) The manual dial key pad *CANNOT* be used to record a number into memory. A total of 16-digits can be recorded. When the 16th digit is recorded, the dialer will beep three (3) times and automatically end the recording procedure. If the dialer is inadvertently left in the record mode it will time out after 1-1/2 minutes, give three (3) beeps, and automatically reset.

(6) Momentarily depress the RECORD ON/OFF button. (The tone will cease and the dialer will be ready either for automatic dialing or to record another telephone number into memory. Repeat steps 3 through 6.)

(7) Replace the faceplate after all numbers have been recorded.

Note: The two top name and digit buttons are illuminated by red and green LEDs. Both buttons are illuminated for approximately 10 seconds when the handset is taken off hook. This enables the user to identify important numbers such as police, fire, etc. especically in the dark. Other important numbers may be highlighted by use of the adhesive backed color dots furnished with the set.

B. To Change A Number In Memory

4.03 When a new number is recorded in a previously used memory position it will automatically replace the previously stored number.

C. To Delete A Number From Memory

4.04 Perform the following operations in sequence.

(1) Remove the dialer faceplate by inserting finger nail into slot at top of faceplate, pull down slightly and lift out.

(2) Momentarily depress the RECORD ON/OFF button.

(3) Depress the memory button corresponding to the name and telephone number to be deleted.

(4) Momentarily depress the RECORD ON/OFF button.

(5) Remove the persons name and telephone number previously written or typed on the directory sheet.

(6) Replace the faceplate.

D. To Automatically Dial A Number From Memory

4.05 To automatically dial a number.

(1) Lift the handset and listen for dial tone.

(2) Depress the desired memory button on the dialer.

5. MAINTENANCE

5.01 Maintenance is limited to replacement of, faceplate, directory sheet, battery cover, handset cord, and handset.

> *Note:* Only the M1A handset can be used with this telephone set.

5.02 The battery is to be replaced by the customer. Refer to instruction label (Fig. 4) or Customer Instruction Booklet (CIB-2506) for detailed testing and replacement procedures.

> *Caution: Telephone numbers stored in memory may be erased if battery is disconnected for longer than one (1) minute during replacement.*

5.03 If a weak or dead battery is suspected, inform the customer a new battery is required.

RECORD ON/OFF BUTTON

DIALER INSTRUCTIONS

TO RECORD
RECORD ON/OFF
WRITE NAME AND NUMBER ON DIRECTORY SHEET AND PRESS IN SEQUENCE
NAME BUTTONS & DIGIT BUTTONS
1. "ON/OFF" BUTTON (TONE ON)
2. NAME BUTTON (TONE BRIEFLY INTERRUPTED TWICE)
3. DIGITS OF TELEPHONE NUMBER USING DIGIT BUTTONS ON DIALER (TONE INTERRUPTED WHILE BUTTON DEPRESSED)
4. "ON/OFF" BUTTON (TONE STOPS)

1

TO CALL
1. LISTEN FOR DIAL TONE
2. PRESS DESIRED NAME BUTTON

ABC 2

TO CHANGE A NUMBER
1. CHANGE ENTRY ON THE DIRECTORY SHEET
2. RECORD THE NEW NUMBER

DEF 3

GHI 4

TO REMOVE A NUMBER
ERASE ENTRY FROM THE DIRECTORY SHEET AND PRESS IN SEQUENCE
1. "ON/OFF" BUTTON
2. NAME BUTTON
3. "ON/OFF" BUTTON

JKL 5

MNO 6

BATTERY CHECK
PRESS A NAME BUTTON THAT HAS A RECORDED PHONE NUMBER.
IF YOU HEAR THE DIALER "BEEP" THE BATTERY IS GOOD.
IF YOU DO NOT HEAR THE DIALER "BEEP", REPLACE THE BATTERY

PRS 7

TUV 8

BATTERY REPLACEMENT
1. PURCHASE A GOOD QUALITY 9-VOLT ALKALINE BATTERY
2. REMOVE THE BATTERY COVER
3. REMOVE THE BATTERY FROM ITS COMPARTMENT
4. UNSNAP THE BATTERY CONNECTOR FROM THE OLD BATTERY AND CONNECT TO THE NEW BATTERY (MEMORY WILL BE PRESERVED FOR A SHORT PERIOD WHILE THIS STEP IS BEING ACCOMPLISHED)
5. INSERT THE NEW BATTERY INTO ITS COMPARTMENT
6. REPLACE THE BATTERY COVER

WXY 9

0

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NAME AND DIGIT BUTTONS

FOR MORE DETAILED INFORMATION CONCERNING INSTALLATION, OPERATION OR TROUBLE CONSULT YOUR INSTRUCTION BOOKLET
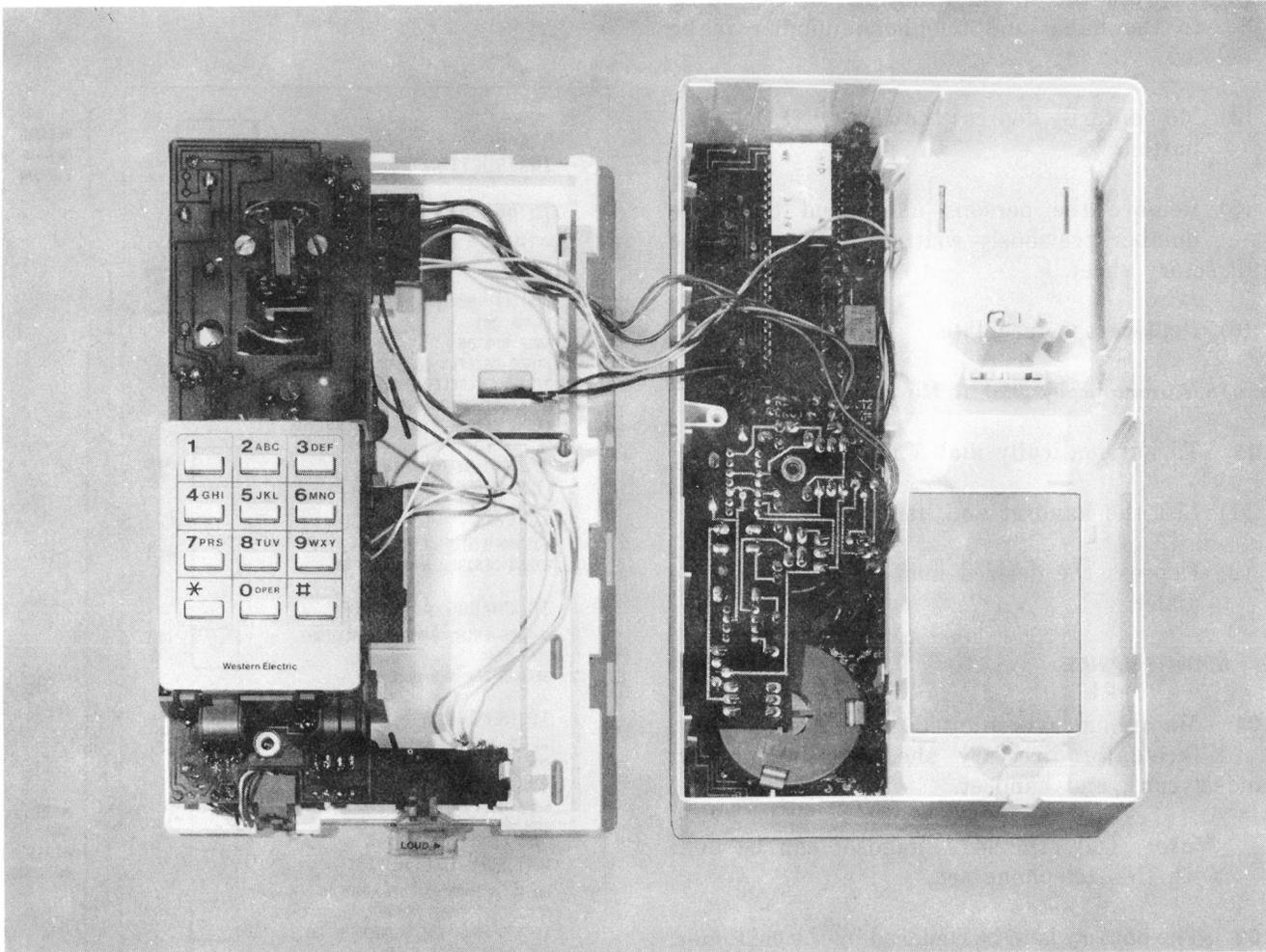
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Fig. 4—Instruction Label

Fig. 5—5011T01A Telephone Set With Upper Housing Removed