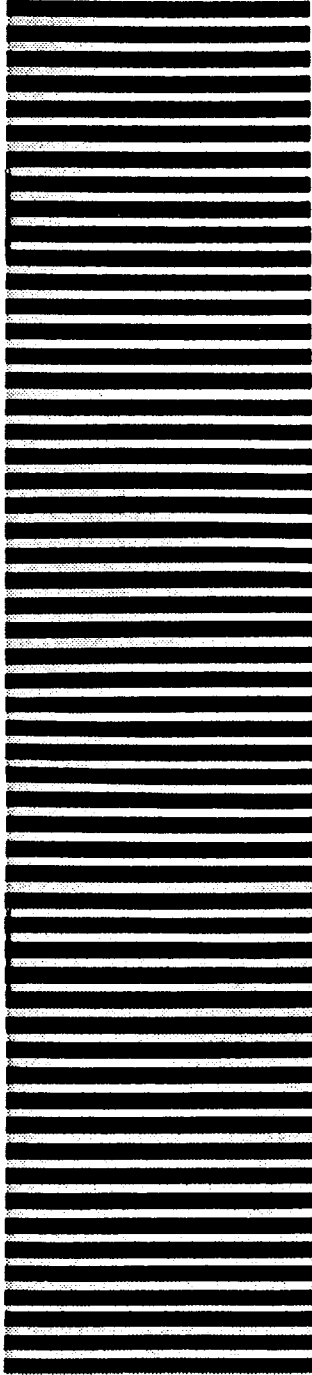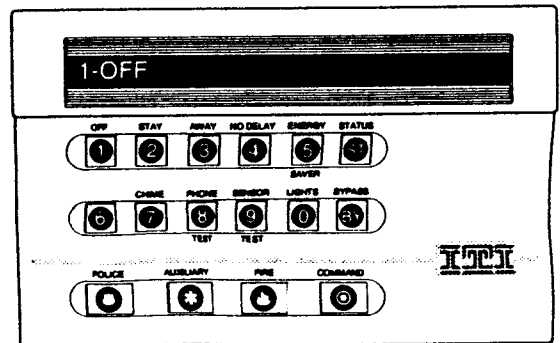# INSTALLATION

MANUAL

CareTaker®✚

Alpha/Numeric Touchpad

IᵀI

IᵀI

Interactive Technologies Inc.
2266 North Second Street
North St. Paul, MN 55109

16-506-D

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Table of Contents

Introduction

CareTaker Plus Alpha/Numeric Touchpad
ITI Part No. 60-248-10-CTP
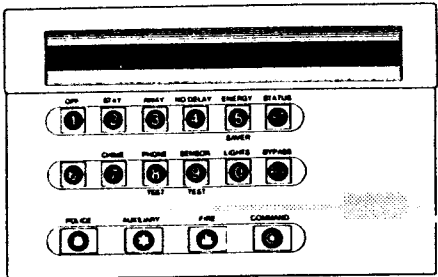
The CareTaker Plus Alpha/Numeric Toucpad is a full function touchpad which includes a 16 character Vacuum Fluorescent Alphanumeric Display for visual system status messages. The unit's display can identify a specific programmed location name which allows the user to easily determine where an Alarm, Trouble or Open Sensor condition exists. Location names can be selected from a list of pre-programmed words or they can be customized by the installer to suit the customer's needs.

FEATURES

• Display has 4 brightness levels and a black-out option.

• Touchpad keys illuminate after first key press for easy night viewing.

• Built-in piezo emits Alarm/Status tones.

• 24 hour panic buttons for Police, Auxiliary and Fire emergencies.

• Unit accepts one hardwire zone input.

PRELIMINARY CONSIDERATIONS

• Maximum current draw of the Alpha/Numeric Touchpad is 100mA.

• Mount the unit in an environmentally controlled area (42°F to 95°F).

• Mount the unit near the area where you plan to utilize the optional Hardwire Input.

• Use 4 conductor, 22 gauge or larger stranded wire from the display to the CPU.

• Use 2 conductor, 22 gauge or larger stranded wire for the optional Hardwire Input.

• Do not exceed 100' of wire length.

Installation

'ALL MOUNTING

Separate the Back Plate from the display by pressing the Release Tab and pulling it down.

Place the Back Plate at the desired location on the wall and use a pencil to mark the Wall Mount Holes.

Insert anchors suitable for #6 screws at the marked locations.

Position the Back Plate so that the Wall Mount Holes line up with the anchors in the wall.

Secure the Back Plate to the wall using #6 x 1/2" or #6 x 3/4" screws. Do not use screws larger than #6 or the display will not seat properly onto the Back Plate.

Cut a hole in the wall along the inner right edge of the Mounting Plate to pull your cable through for terminations.


Back Plate
Wall Mount Holes
Release Tab
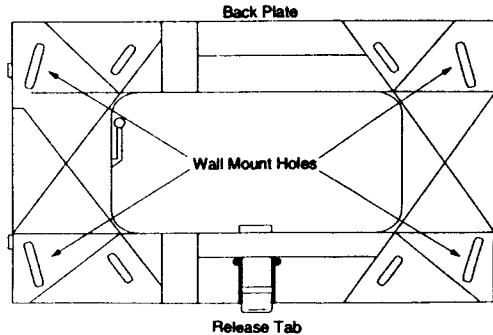
,ANG BOX MOUNTING

. Separate the Back Plate from the display by pressing the Release Tab and pulling it down.

. Place the Back Plate on the gang box so that the 4 inner slots on the Back Plate line up with the 4 outer holes of the gang box.

. Secure the Back Plate to the gang box using #6 x 1/2" or #6 x 3/4" panhead screws.

AUTION! Do not use screws larger than #6 or the display will not seat properly onto ie Back Plate. Also, do not overtighten screws or the Back Plate may bind and not low the display to mount properly.

Back Plate
Gang Box Mounting Holes
Release Tab
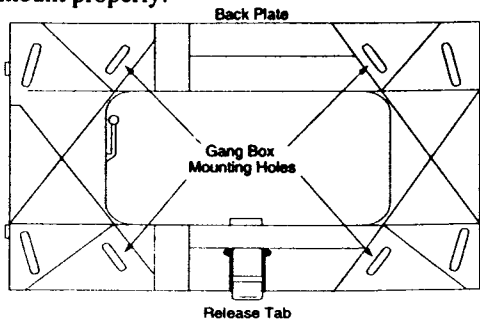
WIRING

1. Removed CPU power before connecting the Wiring Harness supplied with the Hardwire Touchpad.

2. Follow the diagram below for proper termination of the Wire Harness to Caretaker Plus.

3. Insert the Wire Harness connector onto the pins located on the rear of the unit. Make sure the Yellow wires are positioned on the two bottom pins.

4. Leave the jumper on the top two pins.

5. Attach the display to the mounted Back Plate by lining up the wide portion of its four Tab Slots with the four Tabs on the Mounting Plate. Once aligned, slide the display downward until you hear the Release Tab "click" into place.
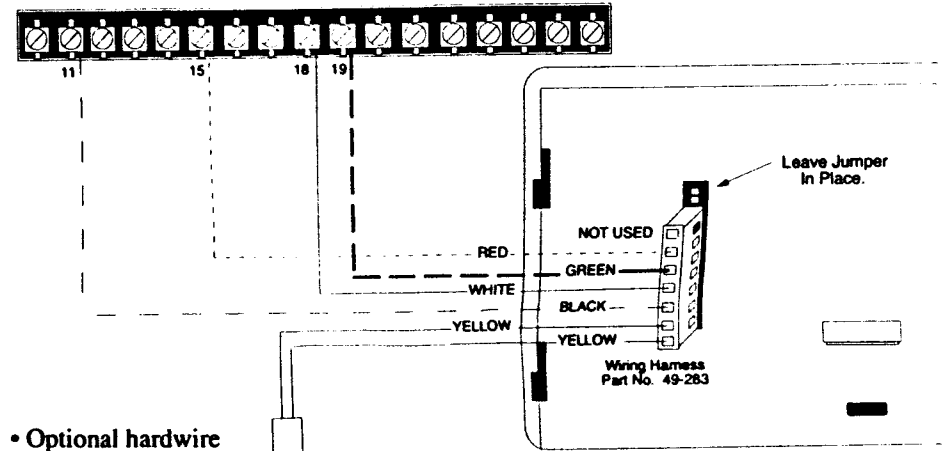
• Optional hardwire input (yellow wires) can be configured for N/C or N/O protection devices. See page 12 for setting the configuration.

Example: N/C loop switch, with magnet.

NOTE: The optional hardwire input is intended for supplementary use only, and is NOT intended for primary protection.

• This input does not add an extra zone of protection to the system but counts as 1 of the 32 maximum zones available.

In a U.L. listed installation, if the loop is used and programmed normally closed, the touchpad shall be mounted within 3 feet of the CPU. If the loop is programmed normally open, the CPU, the touchpad, and the initiating device shall be mounted within 3 feet of each other. No intervening walls or barriers shall be present between the devices. Only U.L. listed devices shall be connected to the loop. The loop shall not be used for fire initiating devices.

POWER UP

1. Check wiring for proper terminations.

2. Turn the CareTaker Plus power switch ON. Remember, since the CPU cover is off, CareTaker Plus is already in program mode.

3. The display should power up with all segments of every other character ON for about 12 seconds. After 12 seconds the display will perform two self tests.

4. First, the display will scroll the letters of the alphabet from right to left.

5. After the letter "Z" appears, the display will show the message **KEY TEST** (indicating on board loop open) or **KEY TEST-** (indicating on board loop is closed). Press any key and the display will show which key was pressed. For example, press 🔥 and the display will show **KEY TEST - FIRE** . Press each key to verify its operation. After about five seconds of no key pressing the display will show **093X TEXT MEMORY OK** (X = software revision A-Z) and then display as illustrated below.
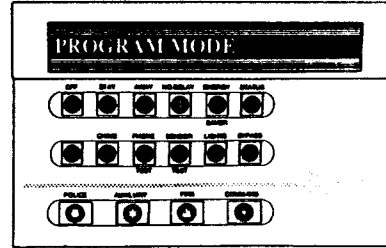
NOTE: To skip the self tests, press the BYPASS key after power up (step 2).

BEFORE PROCEEDING...

IMPORTANT! If you have more than 1 touchpad connected to the CPU, you must first program each one with a different Unit I.D. number. See pages 11-12 for this procedure. In cases where the Unit I.D. numbers are identical (such as units out of the box from the factory), the procedure may have to be done twice. Failure to change identical Unit I.D. numbers can cause the touchpads to malfunction during normal operation. This applies to any device connected to the hardwire data bus such as Hardwire Input Modules (HIM's), Hardwire Output Modules HOM's) and Feature Expansion Module (FEM).

If you have more than 1 touchpad connected to the CPU, work from 1 touchpad for all programming. Once you have completed all programming, the information from this touchpad can be downloaded to the others. The download procedure will be explained in the Programming section.

The touchpad can now be used to program CareTaker Plus system features, sensor numbers and names. The display's piezo and the CPU's speaker will beep 6 times every 30 seconds to remind you that the CPU is in the program mode.

IMPORTANT! Before programming sensor text for sensors 01-32 (page 7), you should delete factory programmed text. Follow the Delete Text procedure at the bottom of page 12 to clear all factory sensor text programming. Then, program the desired text for sensor numbers 01-32 using the procedure on page 7.

For U.L. programming requirements, refer to the CareTaker Plus Installation Manual, P/N46-504.

KEY FUNCTIONS for PROGRAMMING

STATUS
Cycle backward or delete incorrect entries

BYPASS
Cycle Forward

COMMAND
Proceed/Execute

FIRE
Abort/Exit

AUXILIARY*
Insert an entry and move the remaining entries down one slot

POLICE*
Delete this entry and move the remaining entries up one slot

1, 2, 3, 4, 5, 6, 7, 8, 9, 0
Face value or word/letter numbers.
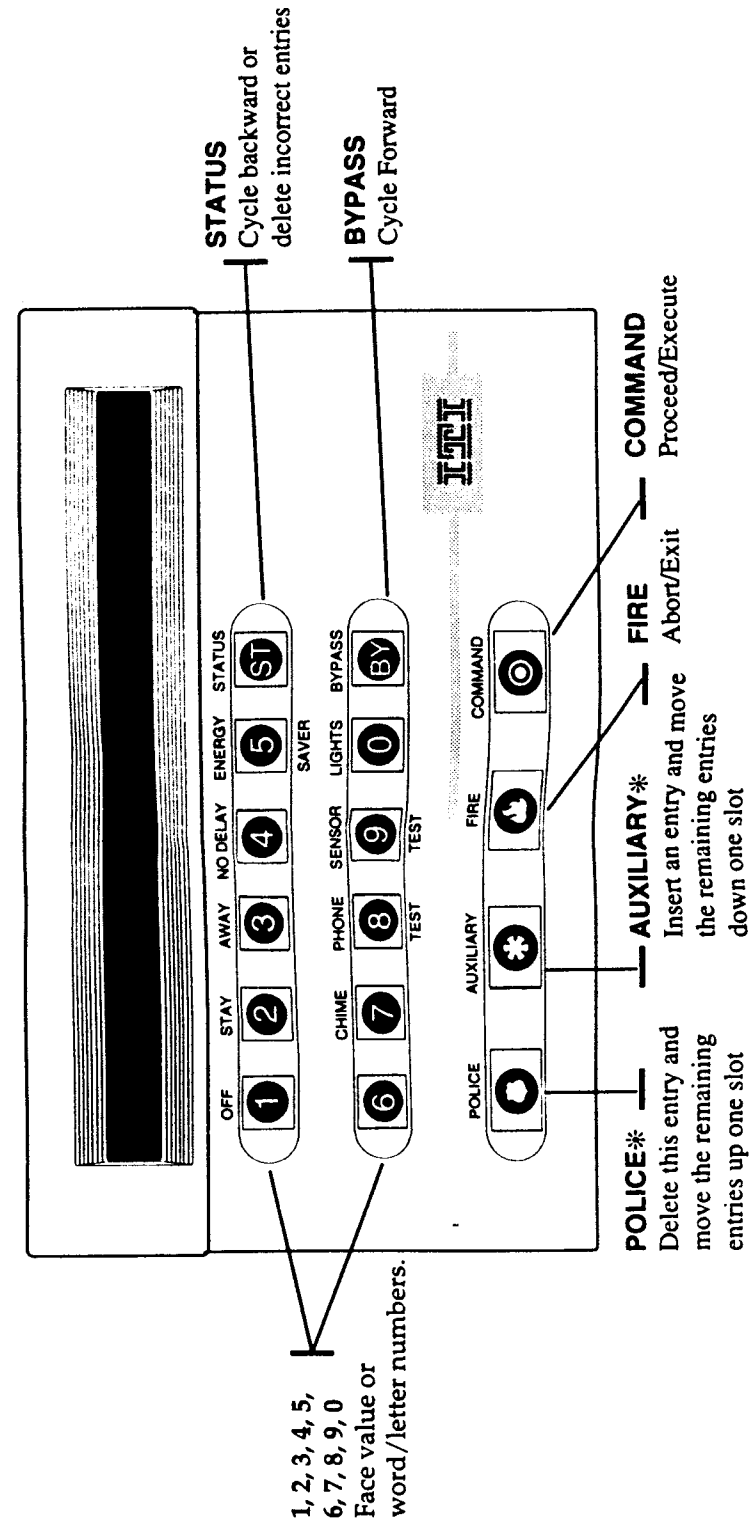
* These functions are used when programming sensor names

PROGRAMMING FLOW CHART

Examine the flow chart to familiarize yourself with the sequence in which the programming procedures appear. The direction of the arrows represents pressing the Bypass button. To view procedures in reverse, press the Status button.

Flow chart boxes (left to right, top to bottom):

PROGRAM MODE → PROGRAM SENSOR TEXT → PROGRAM SENS. NAME

LEARN SENSORS → TRIP SENSOR TAMPER

DELETE SENSORS → ENTER SENSOR NUM.

UPPER SENSORS → ENTER SENSOR NUM.

LEARN TOUCHPADS

PHONE NUMBER → PHONE FORMAT → SIREN TIME → DURESS CODE
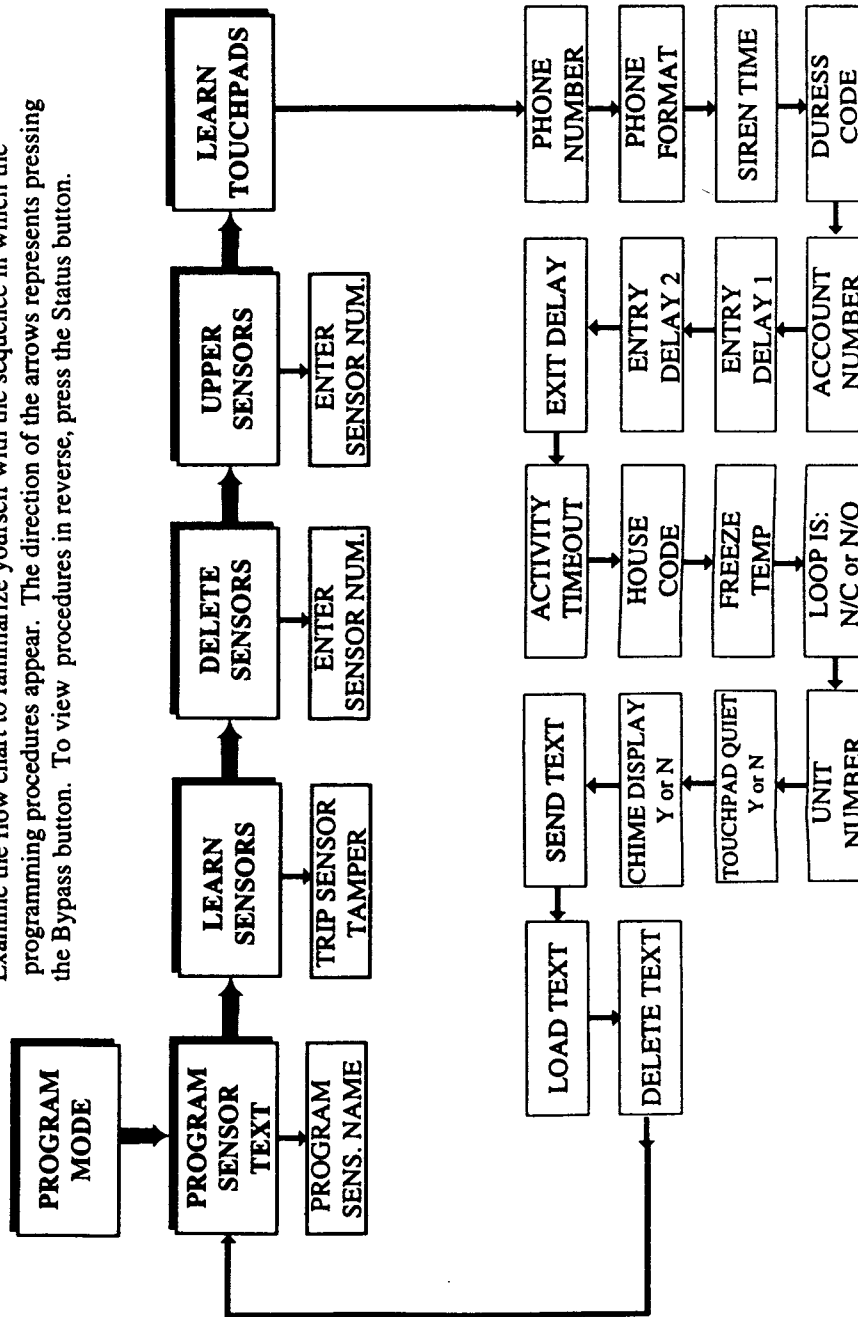
EXIT DELAY ← ENTRY DELAY 2 ← ENTRY DELAY 1 ← ACCOUNT NUMBER

ACTIVITY TIMEOUT → HOUSE CODE → FREEZE TEMP → LOOP IS: N/C or N/O

SEND TEXT ← CHIME DISPLAY Y or N ← TOUCHPAD QUIET Y or N ← UNIT NUMBER

LOAD TEXT → DELETE TEXT

PROGRAMMING

HOW TO PROGRAM

As indicated by the flow chart, the first procedure to appear is Program Sensor Text. Once the sensor number has been entered, the sensor name can be programmed using any of the characters or names described in the chart on the next page.

Each sensor number contains 10 word or character locations to program its name. These locations are lettered A through J and require a 2 digit entry (from the chart on the next page) to set the desired words and/or characters.

The example below shows the procedure for programming sensor 01 as the FRONT DOOR. Notice in this case only locations A & B are used to name the sensor. Spaces are automatically inserted after each word when using words 40-99 and do not occupy any locations. This example leaves 8 unused locations (C-J) for this sensor's name. Not all locations need to be used.

In most cases the words in the chart (40-99) will be sufficient. Should you need to create a word using individual characters, remember each character (01-39) uses one location. Use the worksheet at the back of this manual to determine sensor names ahead of time.
Helpful Hint: When using characters (01-39), abbreviate where possible or generalize instead of being specific. For example, if two brothers are sharing a bedroom, it is unlikely you could program both their names to identify the sensor in their room without running out of locations. A good choice would be to create the word BOY'S using locations A-E, then use location F for a Space, location G for the word BEDROOM and location H for the word WINDOW. (See worksheet on page 9 for this example.)

PROGRAM A SENSOR'S NAME (Example)

1. Press **BY**, display reads PROGRAM SENSOR TEXT

2. Press ◎, display reads Sn _ _

3. Enter **0** **1**, display reads Sn01 DISABLED.

4. Press ◎, display reads A 00

5. Enter **6** **2** display reads A 62 - FRONT

6. Press ◎, display reads B 00

7. Enter **5** **3**, display reads B 53 - DOOR

8. Press ○, display scrolls Sn01 DISABLED - FRONT DOOR

To review the programming, press ○ or ✽.
NOTE: When reviewing sensor text normally open RF zones and onboard CPU Hardwire zones display (No). For example: Sn05 Gr13 No DEN WINDOW. This does not apply to Alpha Numeric Touchpad loop or Hardwire Input Module (HIM) zones.

To continue programming sensor names press **BY** and repeat the procedure above beginning at step 3.
If you enter a wrong number at steps 3 or 5, simply re-enter the desired number.

Note: This procedure programs only sensor names. The word DISABLED indicates this sensor has not been initialized. To initialize sensors 01-32, see Learn Sensors on page 10.

Word	Entry		Word	Entry
AREA	40		LIBRARY	70
ATTIC	41		LIVING	71
BASEMENT	42		MAIN	72
BATHROOM	43		MASTER	73
BEDROOM	44		MAT	74
BOTTOM	45		MEDICAL	75
BREEZEWAY	46		MOTION	76
CABINET	47		NORTH	77
CARPET	48		OFFICE	78
CLOSET	49		PANIC	79
DEN	50		PATIO	80
DESK	51		POLICE	81
DINING	52		POOL	82
DOOR	53		PORCH	83
DRAWER	54		REAR	84
EAST	55		ROOM	85
ENTRY	56		SAFE	86
FAMILY	57		SCREEN	87
FIRE	58		SECOND	88
FIRST	59		SENSOR	89
FLOOR	60		SHOCK	90
FREEZE	61		SIDE	91
FRONT	62		SLIDING	92
GALLERY	63		SMOKE	93
GARAGE	64		SOUND	94
HALL	65		SOUTH	95
HEAT	66		STAIRS	96
KITCHEN	67		TOP	97
LAUNDRY	68		WEST	98
LEVEL	69		WINDOW	99

Character	Entry		Character	Entry		Character	Entry
Null	00		M	13		(Space)	27
A	01		N	14		' (Apostrophe)	28
B	02		O	15		- (Dash)	29
C	03		P	16		0	30
D	04		Q	17		1	31
E	05		R	18		2	32
F	06		S	19		3	33
G	07		T	20		4	34
H	08		U	21		5	35
I	09		V	22		6	36
J	10		W	23		7	37
K	11		X	24		8	38
L	12		Y	25		9	39
			Z	26			

PROGRAMMING WORKSHEET
(EXAMPLES)

CHARACTER/WORD ENTRIES

SENSOR NAME

GROUP

SENSOR#

A B C D E F G H I J
A B C D E F G H I J
A B C D E F G H I J
A B C D E F G H I J
A B C D E F G H I J
A B C D E F G H I J

8

9

The word DISABLED indicates this sensor number has not been "learned" by the CPU. Once the sensor number has been "learned" into the CPU memory, the Program Sensor Text mode will show the enabled sensor numbers, their group number and the sensor name. For example: **Sn01 Gr10-FRONT DOOR**

TEXT PROGRAMMING NOTES

• When programming sensor names, notice that all locations (A-J) default to 00. Enter 00 whenever you want to delete a character or word from the sensor's name.

• Remember to add spaces (27) where necessary when programming individual characters (01-39) to create custom words. Each programmed space uses one location (A-J).

• Spaces are automatically inserted (after the word) when programming words (40-99) and do not use up any extra locations.

LEARN SENSORS

Use this procedure to "learn" sensor numbers 01-32 into the CPU memory. Refer to your CareTaker Plus Installation Manual for sensor Group numbers and their characteristics.

1. Press **BY** or **ST** until display reads **LEARN SENSORS**.

2. Press **◎**, display reads **LEARN GROUP _ _**.

3. Enter 2 digit Group Number (00-28), then press **◎**.

4. Display reads **LEARN Sn01**. The 01 will flash rapidly. Press **◎** if you want the CPU to learn sensor 01 or enter the desired sensor number and press **◎**.

5. Display reads **TRIP Sn01**. Trip the "tamper switch" of the desired sensor. This way the CPU will learn the I. D. Code of the sensor.

NOTE: To learn Smoke sensors, press and hold the test button until the CPU responds. To learn Pendant Panics and Alert Panics trip sensors until the CPU responds. To learn Hardwire zone trip sensor until the CPU responds.

6. Once the sensor's signal is received, the display will read **TRIP Sn02**. Again, if this is not the sensor you want the CPU to learn, enter the desired number and press **◎**. Then, trip the tamper of the next sensor.

To change the Group Number, press **◔**, then **◎** and enter the desired Group Number. Continue programming sensors as described above.

PROGRAMMING CPU OPTIONS

Press **BY** or **ST** until the display reads **PHONE NUMBER**. The CPU features will appear in the sequence shown below. The CPU features will appear in the sequence shown below.

If you don't need to program or change a feature, press **BY** to cycle forward to the next feature.

DISPLAY READS	PRESS	DISPLAY READS	ENTER	PRESS	DISPLAY READS	PRESS	PRESS
PHONE NUMBER	◎	- - - - -	2-18 Digits Police button for a pause	◎	OK	◔	**BY** To Continue
PHONE FORMAT	◎	SET ITI FMT	**BY** or **ST** for 4/2 1400 or 2300	◎	SET ITI OK or 4/2 14000/2300 OK	◔	**BY** To Continue
SIREN TIME OUT	◎	SET SIREN _ _ MIN	01-15	◎	SET SIREN OK	◔	**BY** To Continue
DURESS CODE	◎	SET DURESS _	Any 2 Digits	◎	SET DURESS OK	◔	**BY** To Continue
ACCOUNT NUMBER *	◎	SET NUMBER	Any 5 Digits	◎	SET NUMBER OK	◔	**BY** To Continue
ENTRY DELAY 1	◎	SET ENTRY _ _ SEC	08-88	◎	SET ENTRY OK	◔	**BY** To Continue
ENTRY DELAY 2	◎	SET ENTRY _ _ MIN	1-8	◎	SET ENTRY OK	◔	**BY** To Continue
EXIT DELAY	◎	SET EXIT _ _ SEC	08-88	◎	SET EXIT OK	◔	**BY** To Continue
ACTIVITY TIMEOUT	◎	SET TIMEOUT _ _ H	01-24	◎	SET TIMEOUT OK	◔	**BY** To Continue
HOUSE CODE **	◎	SET CODE	001-255	◎	SET CODE OK	◔	**BY** To Continue

* The Account Number is numeric when entered at touchpad, if entered by the CS-4000 it can be either Alpha Numeric.
** The House Code should only be set if X-10 modules or Wireless Interior Sirens are installed.

DISPLAY READS	PRESS	DISPLAY READS	ENTER	PRESS	DISPLAY READS	PRESS	PRESS
FREEZE TEMP	◎	SET TEMP	40-90 (°F)	◎	SET TEMP OK	↻	ⒷⓎ To Continue
LOOP IS Nc				Press ◎ for desired switch state, then			ⒷⓎ To Continue
UNIT NUMBER	◎	SET UNIT —	0-7	◎	SET UNIT OK	↻	ⒷⓎ To Continue
TOUCHPAD QUIET Y	◎	TOUCHPAD QUIET N		Press ◎ for desired setting, then			ⒷⓎ To Continue
CHIME DISPLAY N	◎	CHIME DISPLAY Y		Press ◎ for desired setting, then			ⒷⓎ To Continue

DELETE TEXT This feature allows you to delete all programmed sensor names for sensor numbers 01-32. This procedure must be performed on each touchpad.

1. Press ⒷⓎ or ⓈⓉ on any touchpad until display reads DELETE TEXT.

2. Press ◎, display reads DELETE TEXT RDY.

3. Press O*. After a short time, display reads DELETE TEXT DONE.
* Any other key will abort Delete Text procedures.

CAUTION: The Alpha Numeric Touchpads default Unit I.D. Number is 0, all touchpads must be assigned a different Unit I.D. Number before performing Send Text/ Load Text. ONLY ONE touchpad should be connected when first programming CPU options and Sensor Text (Program Sensors). After initial programming is complete on the first touchpad set it's Unit I.D. Number to 6 then add each additional touchpad or Hardwired Bus devices one at a time and decrement their Unit I.D. Number from 6 by 1. Perform the following steps before you perform Send Text/ Load Text procedures.

1. Program the first touchpad completely with all sensor text and sensor numbers.

2. Press ⒷⓎ or ⓈⓉ on the programmed touchpad until the display reads "UNIT NUMBER 0".

3. Press ◎ , display will read "PLEASE WAIT" then "SET UNIT _ " enter 6 and then press ◎ display will read "SET UNIT OK".

4. Turn CPU Power Switch to the "OFF" or down position. Plug next touchpad on to its wiring harness (all touchpad wire runs should already be run at this time).

5. Turn CPU Power switch to the "ON" or up position, the touchpads will go through there Self tests and Key test routines.

6. On the unprogrammed touchpad, perform steps 2 and 3 but decrease the Unit I.D. Number on step 3.

7. Repeat steps 2 through 6 for any additional touchpads or Hardwire Bus devices.

SEND TEXT / LOAD TEXT

This procedure will send all sensor message text from the programmed Alpha Numeric Touchpad to any unprogrammed connected to the CPU. Follow the procedures below to send the progammed text to all unprogrammed touchpads.

1. Press ⒷⓎ or ⓈⓉ on the programmed touchpad until the display reads "SEND TEXT".

2. Press ◎ on the programmed touchpad, the display will read "SEND RDY".

3. Press ⒷⓎ or ⓈⓉ on all the unprogrammed touchpads until their displays read "LOAD TEXT".

4. Press ◎ on all the unprogrammed touchpad, their displays will read "LOAD Sn".

5. Press ◎ on the programmed touchpad. The display will cycle through all sensors beginning at 01 and ending at 96.

6. The Unprogrammed displays will cycle all sensors beginning at 32 and ending at 01.

7. When all information is sent, the programmed display will read "SEND DONE" and the other displays should read "000 ERRS". If any display indicates errors, repeat steps 1 through 5. If any display still indicates errors, contact ITI Technical Services at 1-800-777-2624.

DELETE SENSORS

This procedure deletes any sensor number, 01-32 from the CPU and also deletes that sensor's name from the touchpad's memory.

Pressing the **BY** or **ST** buttons while in this mode will cycle all sensors which *are initialized.* Step 2 will always display the *lowest sensor number which is programmed.*

Example:
1. Press **BY** or **ST** until the display reads DELETE SENSORS

2. Press **◎** , display scrolls DEL Sn01 - FRONT DOOR

3. Press **◎** , display reads DEL Sn01 - OK

If continued deleting of sensor numbers is necessary, press **BY** or **ST** to cycle to the desired sensor number or enter the number directly from the touchpad.

Once the desired number is displayed, press **◎** . The touchpad piezo will emit a *beep* to indicate acceptance of the command.

UPPER SENSOR NUMBERS

Follow the procedure below to initialize sensor numbers 77-96. The names of these sensor numbers are pre-programmed and *cannot be changed.* The name of the sensor number will automatically appear in the display with the sensor number.

Pressing the **BY** or **ST** buttons while in this mode will cycle through all the Upper Sensors Numbers.

EXAMPLE:
1. Press **BY** or **ST** until display reads UPPER SENSORS

2. Press **◎** , display scrolls Sn77 OFF - TOUCHPAD TAMPER

3. Press **◎** , display scrolls Sn77 ON - TOUCHPAD TAMPER

The touchpad piezo will emit a *beep* to indicate acceptance of the command.

To continue, press **BY** or **ST** to cycle to the desired number.

Once you have located the desired number, press **◎** to change the state of the sensor number ON or OFF.

NOTE: Sensor numbers 80-83, 91-92 and 94-96 default ON. It is recommended these numbers remain ON.

The following list indicates the name of each Upper Sensor Number. *These names cannot be edited or changed.* The names will appear with the sensor number on the display as shown below. Refer to your CareTaker Plus Installation Manual (46-504) for a complete description of each Upper Sensor Number.

77	TOUCHPAD TAMPER	87	FORCED ARMED
78	FREEZE SENSOR	88	ENERGY SAVER
79	NO ACTIVITY	89	RF TOUCHPAD
80	FIRE PANIC	90	A/C POWER FAILURE
81	POLICE PANIC	91	LOW CPU BATTERY
82	AUXILIARY PANIC	92	CPU TAMPER
83	PHONE TEST	93	AUTO PHONE TEST*
84	OPENING REPORT	94	RECEIVER TROUBLE
85	CLOSING REPORT	95	CPU BACK IN SERVICE
86	DURESS*	96	PHONE FAILURE

* These Upper Sensor Numbers do not display in normal operation mode.
NOTE: Upper Sensor Numbers are used to meet a particular installation sites specific requirements.

LEARN TOUCHPADS (WIRELESS)

This procedure allows the CPU to learn the I.D. Codes of up to four wireless touchpads for use with the system.

1. Press **BY** or **ST** until the display reads LEARN TOUCHPADS .

2. Press **◎**   Display reads PRESS TP 01 BYP .

3. Press the Bypass button on each of the wireless touchpads. The display will read PRESS TP 02 BYP .

Repeat this procedure for up to 4 touchpads.

IMPORTANT! If you exit the Learn Touchpads mode and then later return to it and press **◎** (step 2), you must "re-learn" all touchpads which were previously learned.

Once the **◎** button is pressed, the touchpad's memory automatically clears all learned wireless touchpads.

NOTE: The following pages show how the Alpha Numeric Touchpad can operate the CPU. The CPU must be out of program mode to use these operating commands.

Operating the CPU

COMMANDS

CODE + STATUS + 1 - Full Status Report

CODE + 1 (OFF) - 24 hour sensors, Touchpad Panics ON, other sensors OFF.

CODE + 2 (STAY) - 24 hour, Touchpad Panics & Exterior sensors ON.

CODE + 3 (AWAY) - 24 hour, Touchpad Panics, Exterior & Interior sensors ON.

 4 (NO DELAY) - Press after arming to eliminate delay time upon entry.

CODE + STATUS + 3 - Energy Saver Low Temperature Set Point

CODE + STATUS + 4 - Energy Saver High Temperature Set Point

CODE + 5 (ENERGY SAVER) - Toggles Energy Saver function On or Off, if installed.

CODE + BYPASS + Sn - Direct Bypassing of sensors.

CODE + 7 (CHIME) - Toggle Chime feature On and OFF. (System must be in level 1.)

CODE + 8 (PHONE TEST) - Tests communication from CareTaker+ to Central Station.

CODE + 9 (SENSOR TEST) - Tests communication from sensors to CareTaker+ CPU.

CODE + STATUS + 9 (DEALER SENSOR TEST) - Signal Strength Sensor Test

CODE + 0 - Toggles lights ON or OFF, if light control features are installed.

CHANGING ACCESS CODE

current CODE + STATUS + 8 + new CODE - Change the primary access code.
CODE + STATUS + 7 + temp CODE - Set or change the temporary access code.

SYSTEM STATUS

The Protection Level number on the display will flash to indicate one or more of the following conditions exist:

ALARM CONDITION	BYPASSED SENSOR
ALARM IN MEMORY	TROUBLE
OPEN SENSOR	FAILURE (SUPERVISORY)

The built-in piezo will emit the following tones when the system is armed or disarmed:

1 LONG BEEP - Level 1   2 SHORT BEEPS - Level 2   3 SHORT BEEPS - Level 3

Press **ST** once to read system Short status messages with current Protection Level *beeps*.

Press **ST** twice to read system Full Status messages with current Protection Level *beeps*.

If the system is in alarm, pressing **ST** once will display the number and name of those sensors in alarm only.

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ACCESS CODE ARMING / DISARMING

The four digit Access Code allows the user to arm the system to any protection level. The Alpha/Numeric Touchpad will show the protection level number and name after successful arming.

After successfully arming to levels 2-3, the Alpha Numeric Touchpad will display the protection level and name. For example, to arm to level 2:

> Enter Access Code + 2. Display reads 2 - OK TO EXIT NOW (briefy), then 2 - STAY and emits 2 beeps.

To arm to level 3:

> Enter Access Code + 3. Display reads 3 - OK TO EXIT NOW (briefly), then 3 - AWAY and emits 3 beeps.

To disarm the system:

> Enter Access Code + 1. Display reads 1 - OFF and emits 1 long beep.

COMMAND BUTTON

Quick Arm
The Quick Arm feature allows any user to arm the system in the following manner:

> **FROM:** Level 1 to Level 2 - Level 1 to Level 3 - Level 2 to Level 3

• The COMMAND button is disabled during alarm conditions, and *entry delay time.*

• Quick Arm is not functional when Opening/Closing Reports (84 & 85) are enabled.

• The COMMAND button cannot be used to lower *the* protection level or to perform a phone or sensor test.

• Only the Access Code can be used to change the protection level once the system is armed to Level 3.

• Open or protesting sensors *cannot be bypassed* when arming with the COMMAND button (see Sensor Protest on page 18).

• The COMMAND button can toggle ON/OFF the Energy Saver feature. Energy Saver feature will automatically turn "OFF" when the System is disarmed or toggled "OFF" only.

With the system in Level 1, use the COMMAND button to arm the system to level 2 or 3 For example, to arm the system to Level 3:
Enter ◎ + ❸ . Display reads 3 - AWAY.

Chime / Lights
The Command button can also be used to toggle the Chime or optional Lights feature ON and OFF. Use the procedures below.

CHIME: With the system in level 1, enter ◎ + ❼ . Display reads 1 - OFF CHIME ON. Repeat the command to turn Chime off.
LIGHTS: When the system in any arming level, enter ◎ + ⓿ . Display reads LIGHTS ON. Repeat the command to turn Lights off.

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SENSOR PROTEST

A protest condition is intended to alert the user of a sensor which is not in a restored state, such as Open, Trouble or Supervisory. Sensors in any of these states during an arming attempt (using the Access Code) will protest the arming command.

During a protest condition, the piezo in the Alpha Numeric Touchpad will emit 6 rapid beeps continuously and the display will alternate flashing the current protection level and the protest condition.

Pressing 🆂🆃 once will display the state of the sensor, the sensor number and its name.

The user then has two options to consider:

1. Change the protesting sensors to their normal state and re-arm.
2. Bypass the protesting sensor(s).

Bypass means to leave a sensor in a non-protection mode while other parts of the system are still armed. Any bypassed sensor can be activated without triggering an alarm condition. There are two methods in which to Bypass sensors described below. **NOTE:** Smoke, Heat and Fire Pull sensors cannot be bypassed.

Indirect Bypassing allows the user to bypass sensors which protest upon an arming attempt. After pressing STATUS to determine the state of protesting sensors, the user must wait for the touchpad to return to the *main protest display* before a successful Indirect Bypass attempt (#1 below).

Direct Bypassing allows the user to bypass a sensor after the system is armed.

BYPASSING SENSORS

Indirect Bypass (Bypass Protesting Sensors Only)

Example: Open sensor 02 - Bedroom Window.

1. With the system in Level 1, enter Access Code + 3. Display alternates between
   1 - OFF and 1 - PROTEST.

2. Press 🅱🆈 . Display reads 3 - AWAY. The 3 flashes to indicate a sensor is
   bypassed.

Direct Bypass (Bypass A Sensor After Arming)

Example: All sensors closed.

1. With the system in Level 1, enter Access Code + 3.

2. Display reads 3 - AWAY.

3. Enter CODE + 🅱🆈 . Display reads: BYPASS Sn _ _

4. Enter 01. Display reads BYPASS Sn 01, flashes 01, then reads BYPASS Sn OK.

TOUCHPAD PANICS

Each touchpad panic is active 24 hours. Press and hold each panic for at least two (2) seconds to trip the appropriate alarm condition.

Press and hold 🔘 . Built-in piezo emits 6 rapid beeps, then slow ON OFF ON OFF siren sounds with Interior and Exterior sirens. Display reads POLICE ALARM Sn 81.

To cancel alarm, enter Access Code + 1.

Press and hold ✳ . Built -in piezo emits 6 rapid beeps, then fast ON OFF ON OFF siren sounds with Interior sirens only. Display reads AUXILIARY ALARM Sn 82.

To cancel alarm, enter Access Code + 1.

Press and hold 🔘 . Built-in piezo emits 6 rapid beeps, then a STEADY tone with Interior and Exterior sirens. Display reads FIRE ALARM Sn 80.

To cancel alarm, enter Access Code + 1.

PHONE TEST

1. With the system in Level 1, enter Access Code + 8.

2. Display reads 8-PHONE TEST.

3. Within 3-5 minutes the display should read 1 - OFF.

If the display shows 96 - PHONE FAILURE, refer to your CareTaker Plus Installation Manual (part no. 46-504) for troubleshooting the problem.

DEALER SENSOR TEST

1. With the system in Level 1, enter Access Code + STATUS + 9.

2. Display reads 9 - SENSOR TEST.

3. As each sensor is tripped, the built-in piezo will emit a series of beeps and the display will scroll the sensor number and its name. Refer to your CareTaker Plus Installation Manual (part no. 46-504) for Dealer Sensor Test guidelines.

4. After the CPU has responded to all sensors (including touchpad panics) the display will read 9 - SENSOR TEST OK.

5. Enter Access Code + 1. Display reads 1 - OFF.

ENERGY SAVER HIGH/LOW TEMPERATURE SET

If the system is equipped with the optional Energy Saver Module, use the following procedures to set the high and low temperature set points.

IMPORTANT! You must initialize upper sensor number 88 and the CPU must be receiving valid information from the Energy Saver, otherwise the module will not function.

Low Temperature Set Point

1. Enter CODE + STATUS + 3. Display reads `LOW TEMP _ _.`

2. Enter 2 digit temperature from 45-90 (°F), such as 65.

3. Display reads `LOW TEMP 65`, emits 2 beeps and then displays `LOW TEMP OK.`

High Temperature Set Point

1. Enter CODE + STATUS + 4. Display reads `HIGH TEMP _ _.`

2. Enter 2 digit temperature from 45-90 (°F), such as 80.

3. Display reads `HIGH TEMP 80`, emits 2 beeps and then displays `HIGH TEMP OK.`

OPERATION NOTES

Display

• The COMMAND button also acts as a dimmer control for the display. Press and hold the COMMAND button and the display will dim from 100% to 75%, 50%, 25% or blackout. Once you see the desired level, quickly release the COMMAND button.

Once a dim level is set, pressing any button will illuminate the display to full brightness. After 15 seconds of no touchpad activity, the display will return to the set dimmed level.

• If an alarm condition occurrs while the display is dimmed, it will automatically return to the full brightness level and stay there until the user disarms the system and there is 15 seconds of no touchpad activity.

• The Entry Delay time and Level 9 Sensor Test will also force the display to full brightness. After disarming and no touchpad activity for 15 seconds, the display will return to the set dimmed level.

• If "CHIME DISPLAY" is turned "ON", anytime the piezo beeps for any reason, the Touchpad LEDs will go to full brightness for 15 seconds.

• If "CHIME DISPLAY" is turned "OFF", open perimeter sensors in level 1 will cause the protection level to blink on the Touchpad.

• If "CHIME DISPLAY" is turned "ON" and CPU is in level 1 the protection level display will blink and the sensor text will scroll through on the display.

Touchpad Quiet Mode

• When set to "ON" the touchpad's piezo will not emit Status or Entry Delay beeps. However, pressing any key will temporarily disable the Quiet Mode and allow the touchpad to operate normally. After 15 seconds of no touchpad activity, the Quiet Mode will be restored.

• Quiet Mode should be set to "ON" in areas such as childrens bedrooms to avoid disturbing sleeping children with Status beeps, or Entry Delay beeps, etc.

• The touchpad piezo features are independent of the CPU F11 feature. The touchpad piezo will beep regardless of the F11 setting. To eliminate Status beeps in the touchpad toggle the "TOUCHPAD QUIET Y" to "TOUCHPAD QUIET N".

Dialer Abort

• By entering Access Code + 1, the dialer terminates the call, unless it is already communicating with the CS-4000 receiver at the time.

BUTTONS

• The buttons on the touchpad are backlit for easy night viewing. After 15 seconds with no touchpad activity, this lighting goes out. Pressing any key will illuminate the buttons again.