



# 6160VPADT

## Remote Touchpad with Prox Reader

### INSTALLATION and SETUP GUIDE

#### GENERAL INFORMATION

The 6160VPADT is an addressable remote Touchpad designed for use with ADT control panels. This Touchpad provides the following features:

- Backlit Display
- Programmable Function Keys
- Built-in Sounder
- Arm/Disarm via Prox Tag
- Voice Chime
- Voice Status
- Message Center

#### Notes:

- When used with the Safewatch Pro/Security Manager 3000 control panels, address 16 must be assigned to the first Touchpad. Additional Touchpads must be assigned to addresses 17 – 23. Refer to Setting The Touchpad Options.
- Touchpad keys are continuously backlit for convenience.
- Permanent display backlighting is an option on some controls (refer to the control panel's instructions for details).
- Voice Chime should only be enabled when used with control panels that support the "chime by zone" mode (e.g., SAFEWATCH PRO/SECURITY MANAGER 3000). This mode must be enabled at the control panel. Refer to the control panel's installation and setup guide for information on how to program the chime mode.
- Use only zone descriptors supported by this Touchpad. If using zone descriptors not supported by this Touchpad, you must turn voice status and voice chime off. Table 1 is a list of applicable zone descriptors and index entries. Refer to the control panel's installation and setup guide for information about how to program zone descriptors.

#### TOUCHPAD DISPLAYS AND LEDS

The Touchpad provides a two-line alphanumeric display and custom zone descriptors. The following table identifies the Touchpad's LEDs and associated functions:

LED	Function
ARMED	Lights red when the system is armed in any mode.
READY	Lights green when the system is "ready" to be armed.
MESSAGE	Flashes red when message waiting or lights (steady) when in record mode.

#### PROGRAMMABLE FUNCTION KEYS

The Touchpad's programmable function keys [A, B, C] are normally used for Touchpad panic functions, but they can be programmed for other special functions instead. If they are programmed for other special functions, the associated Touchpad key pairs still provide the respective panic alarm (if programmed). Refer to the control panel's Installation & Setup Guide for details.

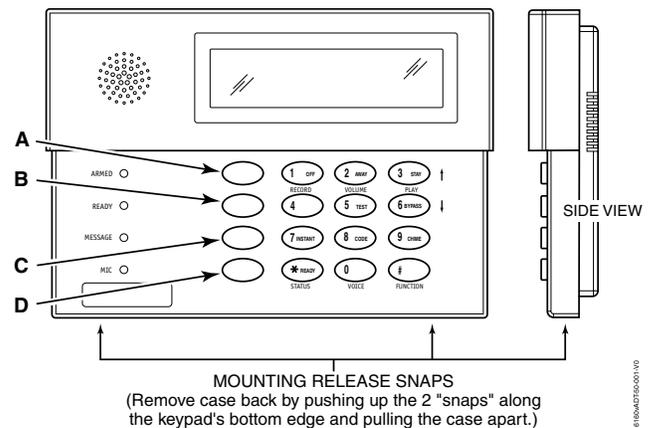
Function Keys	Equivalent Key Pairs
A	[1] and [*]
B	[*] and [#]
C	[3] and [#]
D	NONE



- Function keys must be held down for at least 2 seconds to activate the programmed function.
- If functions other than panics are assigned to the programmable function keys, programmed panics must be initiated by pressing the programmed key pair.

#### FUNCTION KEY LABELS

A set of adhesive-backed labels with some typical function symbols (i.e., fire, police, personal emergency, etc.) is provided. These labels can be placed on or next to the keys to identify each key's function for the end user (as determined by the capability and programming of the control panel; refer to the installation and setup guide for the control panel).



#### WIRING AND INSTALLATION

Touchpads can be surface mounted using drywall anchors or to a single- or double-gang electrical box.

1. Remove the case back by pushing in the two "snaps" along the Touchpad's bottom edge and pulling the case apart. See diagram above.
2. Route wiring from the control panel through the opening in the case back.
3. Mount the case back to a wall or electrical box.



Do not connect the ECP Data In or Data Out until directed to do so. If the Prox Reader detects the presence of ECP Data In and Out connections during address programming mode, it will exit to "normal" mode. The touchpad addresses being used for the touchpad and the Prox Reader must be enrolled in the control panel.

- Wire directly from the Touchpad's terminal block to the terminal block on the control panel. (Refer to Wiring Table). Connect only the red and black Aux. Power connections at the control panel.

**Wiring Table**

Touchpad	Control Panel	Wire Color
△ G	Data In	Green
-	- Aux Pwr (GND)	Black
+	+ Aux. Pwr (POS)	Red
▽ Y	Data Out	Yellow

- Re-attach the Touchpad to the case back.
- Remove clear protective film from LCD display.

### SETTING THE TOUCHPAD OPTIONS

The procedures that follow are used to set the Touchpad address, voice chime mode, and additional voice Touchpad mode.

#### Setting the Touchpad Address



**When used with the Safewatch Pro/Security Manager 3000 control panels, address 16 must be assigned to the first Touchpad. Additional Touchpads must be set at 17 - 23 and must be enabled additionally in control programming (fields \*190 - \*196).**

The Touchpad may be set for address 00-30 or for non-addressable mode (31). The default Touchpad address is 31. For valid address settings for your Touchpad, refer to the control panel's Installation & Setup Guide.

#### Notes:

- If unable to enter the address mode, power down, power up, and try again.
- If 10 seconds pass with no key entry, the Touchpad automatically exits the address mode. You must power down, power up, and start the address mode again.
- The Touchpad will not enter the address mode if the control panel is in programming mode.

- Apply power to the Touchpad.
- Within 60 seconds of applying power to the Touchpad, press and hold down the [1] and [3] keys at the same time for 3 seconds. The current Touchpad address will be displayed.
- Press "00". The current address is cleared.
- Enter desired two-digit Touchpad address.
- Press [\*] to accept the displayed address and enter the Voice Chime Mode. "VOICE CHIME" is displayed along with the selected mode "1" or "0".

#### Setting The Voice Chime Mode



**Setting Voice Chime mode off does not effect the voice status or alarm annunciation.**

- Press [1] to set the Voice Chime mode on or press [0] to set the Voice Chime mode off.
- Press [\*] to save the displayed Voice Chime mode and enter the Additional Console Voice Touchpad mode. "ADDITIONAL CON" is displayed along with the selected mode "1" or "0".

### Setting the Additional Console Mode

The Additional Console mode must be set for all voice Touchpads being used.

- Set the voice Touchpad Additional Console mode as follows:
  - On the Primary voice Touchpad, press [0] to set the Additional Console mode to NO.
  - On any secondary voice Touchpads, press [1] to set Additional Console mode to YES.
- Press [\*] to save the mode and enter Prox Address Mode.

### Setting the Prox Reader Address

- After exiting "touchpad address" mode, the prox reader will begin communicating with the touchpad, and the touchpad will display "Prox Addr? XX" on the first line.



**XX = the current ECP Address.**

- Enter an appropriate ECP address. Set the current address to "00": Press [0] to clear the current "tens" digit. The cursor moves to the "ones" digit position. Press [0] to clear the current "ones" digit. The cursor moves back to the "tens" digit position.
- Enter the appropriate address: Enter the proper "tens" digit of the address. The cursor moves to the "ones" digit position. Enter the proper "ones" digit of the address.
- Press the \* key to save the entry. The keypad will beep three times confirming the address is accepted, and the first digit of the address will flash. You can re-enter the address if desired.
- Power down the Touchpad.
- Connect the green and yellow data in and data out wires at the control panel. Once connected, any touchpad not enabled in the control at that point will be blank.

### ENROLLING PROX TAGS

Each prox tag is enrolled as a "User" in the alarm system. When enrolling the tags, the last four digits of the tag's serial number should be used as the User Code. Refer to the control's User Guide for instructions on programming user codes. When programming is complete, test the system to ensure that each prox tag arms and disarms the system as specified.

### VIEWING THE TOUCHPAD ADDRESS

During normal operation, press and hold down the [1] key and [3] key at the same time for about 3 seconds. The current address is displayed. No key entry is allowed. Press any key to exit or wait 10 seconds to exit the viewing mode.

### SPECIFICATIONS

**Physical:** 5-5/16"H x 7-3/8"W x 1-3/16"D

**Display:** 2 x 16 Alpha-Numeric  
Supertwist LCD (backlit)

**Sounder:** Speaker

#### Electrical:

Voltage: +12VDC

Current: 190mA (ARMED LED lit, LCD backlight and sounder on) reduces to 60mA when panel is operating in standby mode (backlight off).

**TABLE 1. ZONE DESCRIPTORS AND INDEX ENTRIES**

ALARM	002	DOOR	057	KITCHEN	105	PATIO	146	UPSTAIRS	207
ATTIC	009	EMERGENCY	067	LAUNDRY	106	POLICE	151	UTILITY	208
BABY	012	EXIT	071	LIBRARY	109	POOL	152	WINDOW	217
BACK	013	FIRE	079	LIVING	113	ROOM	162	YARD	223
BASEMENT	016	FLOOR	080	MAIN	122	SHED	168	ZONE	225
BATHROOM	017	FRONT	085	MASTER	123	SHOP	170	1ST	228
BEDROOM	019	GARAGE	089	MEDICAL	125	SIDE	173	2ND	230
CLOSED	040	GUN	094	MOTION	131	SLIDING	175	3RD	232
DEN	050	HALL	095	OFFICE	136	SMOKE	176		
DETECTOR	052	HOUSE	099	OPEN	138	STORAGE	185		
DINING	053	INSIDE	101	PANIC	144	SUPERVISED	190		

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL PANEL THAT IS USED WITH THIS DEVICE FOR WARRANTY INFORMATION AND LIMITATIONS OF THE ENTIRE ALARM SYSTEM.

**FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT**

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user or installer may find the following booklet prepared by the Federal Communications Commission helpful:

"Interference Handbook"

This booklet is available under Stock No. 004-000-00450-7 from the U.S. Government Printing Office, Washington, DC 20402.

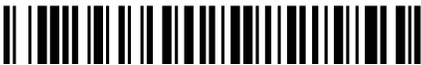
The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

**FCC / IC STATEMENT**

This device complies with Part 15 of the FCC Rules, and RSS 210 of IC. Operation is subject to the following two conditions: (1) This device may not cause harmful interference (2) This device must accept any interference received, including interference that may cause undesired operation.



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