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Honeywell ADEMCO 6150 Fixed English Alarm Keypad Instruction Manual

K3590-ADV5 9/10 Rev. B
ADEMCO 6150 & 6160
REMOTE KEYPADS

INSTALLATION AND SETUP GUIDE

Keypad Features	ADEMCO 6150 Fixed-Word	ADEMCO 6160 2-Line Alpha
Backlit Display	✓ (see note)	✓ (see note)
Dedicated Function Keys	✓	✓
Built-in Sounder	Piezo	Speaker

Note: Permanent display backlighting is an option on some controls (see the control's instructions for details).

GENERAL INFORMATION

The ADEMCO 6150 and ADEMCO 6160 are addressable Remote Keypads designed for use with ADEMCO control panels. Addresses are set via the keypad keys. The keys on the keypads are continuously backlit for convenience.
Supervised by the control panel (if supported).

ULC

For ULC installations, the VISTA-128BP/VISTA-250BP Series must be used with the ADEMCO 6160 keypad.

KEYPAD DISPLAYS AND LEDS

The keypads have the following display features:

Model	Fixed Word Display	2-line Alpha Display	2-digit Zone Identifier	Custom Zone Descriptors
6150	X		X	
6160		X		X

The following table shows the LEDs and their functions:

LED	Function
Red	Lights when the system is armed in any mode
Green	Lights when the system is “ready” to be armed.

SPECIAL FUNCTION KEYS

The keypads also feature function keys. These keys may be programmed for panic alarms or other special functions such as macros. See the control’s instructions for details.

 Function keys must be held down for at least 2 seconds to activate an alarm; key pairs are activated immediately.

Function Keys
A or [1] and [✻]
B or [✻] and [#]
C or [3] and [#]
D

WIRING AND INSTALLATION

The keypads can be surface mounted directly to drywall, or to a single- or double-gang electrical box.

1. Push the two case release snaps at the bottom of the keypad with the blade of a medium screwdriver (this will push in the release snap), then pull that side of the case back away. Insert the screwdriver in the side of the keypad (between the front and back case) and gently twist to release the side locking tab. Repeat for the other side. Refer to Figure 1 for the location of the case back release snaps and locking tabs.
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.
4. Wire directly from the keypad’s terminal block to the terminal block on the control panel. (See Wiring Table below).

NOTE: No more than one wire per terminal may be connected. If the daisy-chained configuration is required, pig-tail wires together so that only one wire is terminated under the screw. Use 14-22 AWG wire only!

Wiring Table (All Keypads)

Keypad	Control Panel	Wire Color
▲ G	Data In	Green
–	– Aux Pwr (GND)	Black
+	+ Aux. Pwr	Red
▼ Y	Data Out	Yellow

See the control panel’s Installation and Setup Guide for more complete details.
5. Reattach the keypad to its case back.

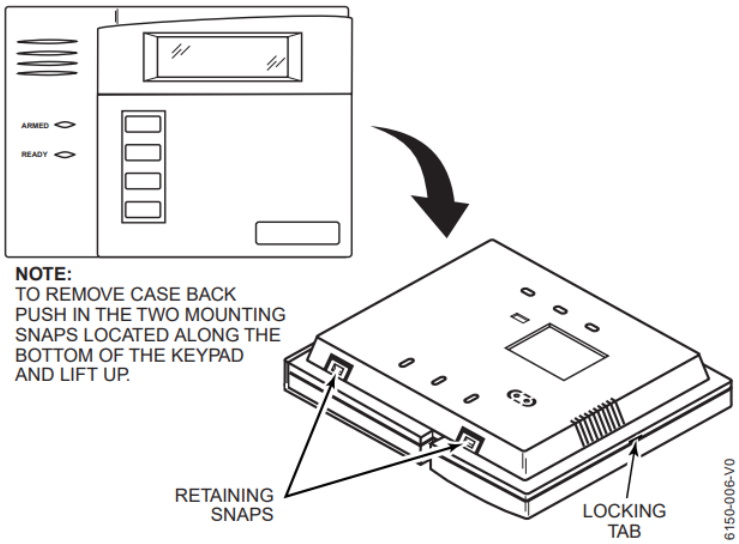


Figure 1. Removing the Case Back

SETTING THE KEYPAD ADDRESS

The keypad can either be set for an address of 00-30, or to the non-addressable mode (31). The keypad's default address is 31.
To change the keypad's address, do the following:

1. Enter address mode: Power up the keypad. Within 60 seconds of power-up, press and hold down the [1] and [3] keys at the same time for 3 seconds. (If unable to enter address mode, power up and try again.) The current keypad address will be displayed, and the cursor will be under the "tens" digit. If 10 seconds have passed with no key entry, the keypad automatically exits address mode. You must power down, power up, and start address mode again.
   NOTE: The keypad will not enter address mode if the panel to which it is connected is in programming mode.
2. Set the current address to "00": Press [0] to clear the current "tens" digit. The cursor will move to the "ones" digit position. Press [0] to clear the current "ones" digit.
   The cursor will move back to the "tens" digit position.
3. Enter the keypad's address: Enter the proper "tens" digit of the keypad's address. The cursor will move to the "ones" digit position. Enter the proper "ones" digit of the keypad's address. Note that address "31" sets the keypad to non-addressable mode.
4. Exit address mode: Press [✻] to save the displayed address and exit address mode.

VIEWING THE KEYPAD ADDRESS

Press and hold down the [1] and [3] keys 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 viewing mode.

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 control panel's capability and programming; see the control's instructions).

OPERATING THE KEYPAD

For operating instructions, see the User Guide for the control panel used with this keypad.

SPECIFICATIONS

Physical:

6150:	4-7/8″H x 6-1/4″W x 1″D
6160:	5-5/16″H x 7-3/8″W x 1-3/16″D

Displays:

6150:	Fixed-Word LCD (backlit).
6160:	2 x 16 alpha-numeric supertwist LCD, backlit.

Sounder:

6150:	Piezo-electric (fire alarm is loud, pulsing single tone; (all Keypads) burglary alarm is loud, continuous, dual tone).
6160:	Speaker.

Voltage:
12VDC (power-limited)

Current:

6150:	70mA (ARMED LED lit, LCD backlight and sounder on), reduces to 40mA when the panel is operating in standby mode (backlight off).
6160:	150mA (ARMED LED lit, LCD backlight and sounder on), reduces to 40mA when the panel is operating in standby mode (backlight off).

NFPA-72 Compliant.

REFER TO INSTALLATION INSTRUCTIONS FOR THE CONTROL PANEL WITH WHICH THIS DEVICE IS USED FOR WARRANTY INFORMATION AND LIMITATIONS OF THE ENTIRE ALARM SYSTEM.
For the latest warranty information, please go to: http://www.security.honeywell.com/hsc/resources/wa/index.html

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Questions and answers

Helpful product questions tied to this manual. Each item links to the full Q&A page.

Answered questions

How do I troubleshoot a Honeywell ADEMCO 6150 keypad that is not operating after a power outage?

If your Honeywell ADEMCO 6150 keypad is not operating after a power outage, it is likely due to a depleted backup battery or a tripped circuit breaker. Please follow these troubleshooting steps:Check Power Source:...

Read full answer

How do I fix the 'sabotage' error on my Honeywell ADEMCO 6150 keypad?

The word "sabotage" (or "tamper" in English versions) typically indicates that the keypad's case is not properly closed or has been removed from its mounting bracket, triggering a tamper switch.To resolve this issue, please...

Read full answer

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