

# Honeywell

## ADEMCO 6160CR-2 Commercial Alpha Keypad

### INSTALLATION AND SETUP GUIDE

#### Keypad Features

- Programmable function keys
- Built-in sounder
- ARMED, READY, POWER, FIRE ALARM, SILENCED, SUPERVISORY, TROUBLE LEDs (see note 1)
- RED keypad for Commercial Fire applications
- Supervised by control panel (required for Commercial Fire installations)

**Notes:** 1. Trouble and Supervisory LEDs are supported only in the panels listed above.  
2. Keypad address **may** be set to address 00 through 30 to operate with these controls (see control's instructions for details).

#### GENERAL INFORMATION

The 6160CR-2 is an addressable remote keypad intended for use in commercial applications with Honeywell control panels listed above. The 6160CR-2's address is set locally, via the keypad's keys (see note 2, above). The keys are continuously backlit for convenience. The LCD display is backlit only when a key is depressed, or when the system is in alarm or trouble condition.

**Note:** On some controls, the LCD may be programmed to remain on at all times (see control's instructions for details).

#### KEYPAD LED INDICATIONS

The keypad's LEDs will light under the following conditions:

<b>ARMED (Red)</b>	<b>ON</b> <b>OFF</b>	System is Armed System is Disarmed
<b>READY (Green)</b>	<b>ON</b> <b>OFF</b>	System is Ready System is Not Ready
<b>POWER (Green)</b>	<b>ON</b> <b>OFF</b>	AC power is O.K. AC power is removed
<b>FIRE ALARM (Red)</b>	<b>ON</b> <b>OFF</b>	Fire Alarm has occurred Normal
<b>SILENCED (Yellow)</b>	<b>ON</b> <b>OFF</b>	Fire Alarm has been silenced Normal
<b>SUPERVISORY (Yellow)</b>	<b>ON</b>  <b>OFF</b>	Supervisory condition exists (see control's instructions for details) Normal
<b>TROUBLE (Yellow)</b>	<b>ON</b>  <b>OFF</b>	Trouble condition exists (see control's instructions for details) Normal

#### SPECIAL FUNCTION KEYS

The keypad also features programmable function keys labeled A, B, and C. These keys may be programmed to initiate panic or emergency alarms. Refer to the individual control panel's instructions for details.)

These keys **must** be held down for at least 2 seconds to initiate the assigned function.

#### Supported Control Panels

- VISTA-32FB (see note 2)
- VISTA-128FBP (see note 2)
- VISTA-250FBP (see note 2)

#### WIRING AND INSTALLATION

The keypad may be surface-mounted directly to a dry wall or to a single- or double-gang electrical box. If this is the primary Fire Keypad, connect to Keypad Port 2, wire in conduit, and mount within 20 ft. of the control.

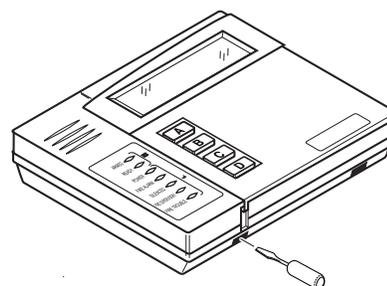
1. Detach the case back by pushing up into one of the two slots at the bottom of the keypad with the blade of a small screwdriver (this will push in the release tab), then pull that side of the case back away. Repeat for the other side. Refer to Figure 1 for location of the case back release tabs.
2. Route wiring through the large rectangular opening in the case back.
3. Mount the case back to the wall or electrical box.
4. Wire directly from the keypad's terminal block (see Figure 2) to the terminal block on the control panel (see control's Summary of Connections label for correct terminal connections).

**NOTE:** No more than one wire per terminal may be connected. If daisy-chained configuration is required, pig-tail wires together so that only one wire is terminated under the screw. Use 16-24 AWG wire only!

**TABLE 1 - Wiring Connections**

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

5. Reattach the keypad to its case back. Attach the top of the keypad first, and then press the bottom section down until it snaps into place securely.



**Figure 1 – Removing the Case Back**

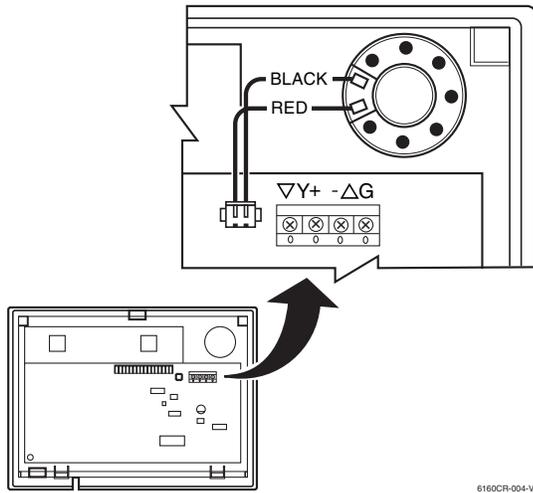


Figure 2 – 6160CR-2 Wiring Details

### SETTING THE KEYPAD ADDRESS

The keypad address must be set according to the control panel being used (refer to the individual control panel's instructions for details). Available addresses are from 00 through 30. The keypad is shipped with a default address of 31 (non-addressable mode). To change the address, do the following:

#### 1. Enter keypad address mode:

Power up the keypad. Within 60 seconds of power-up, press and hold down the [1] and [3] keys together for 3-seconds. The current address will be displayed and the cursor will be under the "tens" digit (31).

#### Notes:

- If the system has been powered up for more than 60 seconds, you must power the keypad down, and then power it up again in order to change the keypad's address.
- The keypad will not enter the address mode if the system is in the program mode.
- If 10 seconds have passed with no key entry, the keypad automatically exits the address mode.

#### Set the desired address:

Enter the desired address. For example, for address 12, enter 1, then 2. Display shows (12).

#### 2. Exit the address mode:

Press the "star" key (\*) to save the displayed address and exit the address mode. The current address may be viewed at any time by pressing and holding [1] and [3] keys together.

### KEYPAD LABELS

**Function key labels:** A set of adhesive-backed labels with some typical function symbols (e.g., police, emergency, etc.) is provided. These labels come in four colors (red, blue, green, and white) and may be placed on the appropriate function keys (A, B, or C) for ease of identifying the individual key's function (as determined by the control panel's capability and programming).

### OPERATING THE KEYPAD

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

**IMPORTANT:** If the keypad loses connectivity with the control panel or in the event of total system failure, the keypad will display "Open Circuit" or "Call for Service" and will sound a continuous trouble beep. To silence the trouble, enter (\*) + 6160. If the condition still exists after four hours, the keypad will sound the trouble again.

### SPECIFICATIONS

- Physical:** 5.25" H x 7.437" W x 1.312" D
- Display:** Alphanumeric, 32-character (2 lines x 16 characters), LCD back-lit
- Sounder:** High-quality speaker
- Electrical:** Voltage: +12VDC (from power-limited source)  
Current: 45mA standby;  
160mA in alarm (sounder, back light and LEDs on)

NFPA-72 Compliant

**FOR WARRANTY INFORMATION AND LIMITATIONS OF THE ENTIRE SYSTEM, REFER TO THE INSTALLATION AND SETUP GUIDE FOR THE CONTROL PANEL WITH WHICH THIS DEVICE IS USED.**

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