

ADEMCO**REMOTE KEYPADS**

A Honeywell Company

6128, 6137, 6137R, 6138, 6139, & 6139R**INSTALLATION GUIDE**

KEYPAD FEATURES	6128 Fixed-Word Keypad	6137/6137R Fixed-Word Keypad	6138 1-Line Alpha Keypad	6139/6139R 2-Line Alpha Keypad
Backlit Display	No	Yes (see note below)	Yes (see note below)	Yes (see note below)
Dedicated Panic Keys	No	Yes	Yes	Yes
Flush Mount Option	No	No	Yes	Yes
All the above keypads have backlit keys, are keypad addressable, have a Red ARMED indicator and a Green READY indicator.				
ADEMCO CONTROLS	▼	▼	▼	▼
VIA16*/4110XM*/ 4110DL*	Yes	Yes, 6137	No	No
VIA30P†*/ VIA30PSE†* VISTA 10SE†*/VISTA 20SE†*	Yes	Yes, 6137	Yes	Yes, 6139
4120XM†*	Yes	Yes, 6137	No	Yes, 6139
4140XMP*/VISTA 40†**	Yes	Yes, 6137	No	Yes, 6139
VISTA-50 P†**/VISTA-50 UL†** / VISTA-128B†**	Yes	Yes, 6137	No	Yes, 6139
5110XM†*/5120XM†*	No	Yes, 6137 or 6137R***	No	Yes, 6139 or 6139R***
5140XM†**/VISTA-32FB†**/ VISTA- 100†**/VISTA 128FB†**	No	No	No	Yes, 6139 or 6139R***

† A 2-Line alpha-numeric display keypad must be used to program these controls.

* Use non-addressable mode with these controls (set to address 31).

** Use addressable mode (addresses 00–30).

*** Keypad color subject to approval of local authority having jurisdiction.

Notes: 1. Permanent display backlighting is an option on some controls; see the control's instructions.
2. Display backlighting is not supported on some controls (see the control's instructions for details).

GENERAL INFORMATION

The 6128, 6137, 6137R, 6138, 6139, and 6139R Remote Keypads are keypad addressable (no DIP switches), and are intended for use with the controls listed in the table above. They can be set for the non-addressable operation (address 31) if required by the control with which they are used.

Note: The 6137R and 6139R have red bezels instead of gray. Otherwise, they are exactly the same as the 6137 and 6139, respectively.

The 6128 and 6137 are fixed-word keypads that provide a two-digit display for zone identification, and a set of pre-designated English language prompts (e.g., ALARM, AWAY, STAY, CHECK, etc.) for indicating the system's status.

The 6138 is a one-line alpha keypad that displays a 2-line message one line at a time. To display the second line of information, press the [#] key. Press the [#] key again to return to the first line of information. The display automatically returns to the first line of information if no key is pressed for three seconds.

Note: After pressing the [#] key to view the second line or return to the first line, wait at least three seconds before entering a control panel command (e.g., arm the system).

The 6139 is a two-line alpha keypad equipped with a programmable 2-line, 32-character (16 characters per line) English language display for complete zone identification (if descriptors are programmed), plus system status.

The keys on the keypads are located behind a decorative door, and are continuously backlit for convenience. The inside of the decorative door has space for a zone ID label (supplied) on which the installer can write descriptions of each zone for handy user reference.

All keypads allow panic alarm activation (if enabled in control programming). For the 6128, panic alarms are activated by pressing key pairs [1] & [*], [*] & [#], and [3] & [#].

The 6137/6137R, 6138, and 6139/6139R are equipped with dedicated single keys for panic activation — keys A, B, and C (the D key is not used as panic), which are equivalent to the [1] & [*], [*] & [#], and [3] & [#] keys, respectively.

Single panic keys (A, B, and C) must be held down for at least 2 seconds to activate an alarm.

A set of adhesive-backed labels with some typical panic 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).

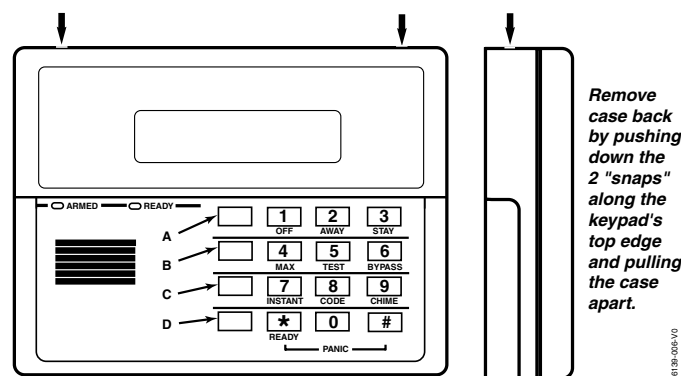


Figure 1. 6139 Keypad (Shown for Reference)

WIRING AND INSTALLATION

The keypads can be surface mounted directly to a wall, or to a single- or double-gang electrical box. For flush mounting the 6138 and 6139/6139R to drywall, use the optional 6139TRK Flush Mount Kit (6128 & 6137/6137R cannot be flush mounted).

1. Remove the case back by pushing down two "snaps" located under the arrows in diagram on previous page .
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. Plug the supplied flying lead connector into the keypad PC board and splice the panel wiring to it, or wire directly to the terminal block on the PC board (wire colors are marked next to terminals). **Use the WIRING TABLE that matches the way the PCB is marked on the keypad your connecting.**
5. Reattach the keypad to its case back.
6. Remove the clear protective films from the LCD display and keypad labels.

SETTING THE KEYPAD ADDRESS

The keypad can be set for an address of 0-31 (the keypad will not accept entries greater than 31), which is stored in EEROM memory. The keypad's default address is 31 (non-addressable mode—some early versions of 6139/6139R default to 11).

To change the keypad's address, do the following:

1. Enter address mode: Power up (plug in) 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 automatically exit viewing mode.

WIRING TABLES

Wiring: (all Keypads)	Color	Function
	Red	+12VDC
	Black	Ground
	Blue	If present, not used.
	Green	Data to control panel.
	Yellow	Data from control panel.

Keypad		Control Panel	Color
▲ G	Data Out	Data In	Green
-	GND	- Aux Pwr	Black
+	+12VDC	+ Aux Pwr	Red
▼ Y	Data In	Data Out	Yellow

SPECIFICATIONS

Physical:

6128: 4-3/4"H x 5-3/4"W x 1"D
 6137/6137R: 4-3/4"H x 6-1/4"W x 1"D
 6138/6139/6139R: ... 4-3/4"H x 6-3/4"W x 1-1/4"D

Voltage: 12 VDC

Current:

6128:45mA sounder on, 30mA standby, alarm sounder off.
 6137/6137R: ..85mA (ARMED LED lit, LCD backlight and sounder on), reduces to 40mA when panel is operating in standby mode (backlight off).
 6139/6139R:...100mA (ARMED LED lit, LCD backlight and sounder on), reduces to 40mA when panel is operating in standby mode (backlight off).

Displays:

6138:1 x 16 alpha-numeric supertwist LCD, backlit.
 6139,6139R: ...2 x 16 alpha-numeric supertwist LCD, backlit.
 6128, 6137:Fixed-Word LCD (6137 backlit).
 Sounder:Piezo-electric (fire alarm is loud, pulsing single tone; (all Keypads) burglary alarm is loud, continuous, dual tone).

REFER TO INSTALLATION INSTRUCTIONS FOR THE CONTROL PANEL FOR DETAILS ON LIMITATIONS OF THE ENTIRE ALARM SYSTEM.

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