

Honeywell 6150

Honeywell Ademco 6150 Fixed Display Keypad User Manual

Model: 6150 | Brand: Honeywell

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Honeywell Ademco 6150 Fixed English Display Keypad. Please read this manual thoroughly before attempting to install or operate the device to ensure proper functionality and safety.

SAFETY INFORMATION

Always disconnect power to the alarm control panel before installing or servicing the keypad. Installation should be performed by qualified personnel in accordance with all local and national electrical codes. Do not expose the keypad to moisture or extreme temperatures. Use only specified power sources.

PRODUCT OVERVIEW

The Honeywell Ademco 6150 is a fixed English display keypad designed for use with compatible Honeywell/Ademco alarm control panels. It provides a clear, easy-to-read display for system status and a numeric keypad for arming, disarming, and other system functions.



This image displays the front view of the Honeywell Ademco 6150 Fixed Display Keypad. It features a green backlit fixed English display at the top, showing 'AWAY' and 'INSTANT' status. To the left, there are speaker grilles and two indicator lights: 'ARMED' (orange) and 'READY' (brown). The main keypad consists of a numeric pad (0-9, *, #) with secondary functions (OFF, AWAY, STAY, MAX, TEST, BYPASS, INSTANT, CODE, CHIME, READY). On the left side of the numeric pad, there are dedicated function buttons for 'AWAY', 'STAY', 'POLICE', and 'PAGE'. The Honeywell logo is embossed at the bottom right.

INSTALLATION AND SETUP

1. Wiring the Keypad

The 6150 keypad connects to the alarm control panel via a 4-wire connection. Ensure the control panel is powered off before making any connections.

- **Red Wire:** Connect to +12V DC (Auxiliary Power) terminal on the control panel.
- **Black Wire:** Connect to Ground (-) terminal on the control panel.
- **Green Wire:** Connect to Data In terminal on the control panel.
- **Yellow Wire:** Connect to Data Out terminal on the control panel.

Refer to your alarm control panel's installation manual for specific terminal locations and wiring diagrams.

2. Setting the Keypad Address

Each keypad on your system must have a unique address. The default address for the 6150 is typically 31. If you are adding a new keypad or replacing an existing one, you may need to change its address.

1. Power up the control panel.
2. Within 30 seconds of power-up, press and hold the **[1]** and **[3]** keys simultaneously for approximately 3 seconds.
3. The keypad display will show the current address (e.g., "00" or "31").
4. To change the address, press **[*]** then **[2]**. The display will show "cA".
5. Enter the desired two-digit keypad address (e.g., **16** for address 16, which is a common default for primary keypads).
6. Press **[*]** to save the address.
7. Press **[*]** then **[9]** then **[9]** to exit programming mode.

Consult your alarm control panel's programming guide for compatible keypad addresses and system-specific programming requirements.

BASIC OPERATION

Arming the System

- **Arm AWAY:** Enter your 4-digit User Code, then press the **AWAY** button. All zones are armed.
- **Arm STAY:** Enter your 4-digit User Code, then press the **STAY** button. Interior zones are bypassed, allowing movement within the protected area.
- **Arm INSTANT:** Enter your 4-digit User Code, then press the **INSTANT** button (or **7**). Similar to STAY, but entry delay is eliminated.
- **Arm MAX:** Enter your 4-digit User Code, then press the **MAX** button (or **4**). Similar to AWAY, but entry delay is eliminated.

Disarming the System

To disarm the system, enter your 4-digit User Code, then press the **OFF** button (or **1**). This will also silence any

alarms.

Special Functions

- **CHIME:** Press **9** then your User Code to toggle the chime feature for entry/exit doors.
- **BYPASS:** Press **6** then your User Code, then enter the 2-digit zone number(s) to temporarily bypass zones.
- **TEST:** Press **5** then your User Code to enter system test mode.
- **CODE:** Press **8** then your Master User Code to add or delete user codes.
- **POLICE:** Press and hold the **POLICE** button for emergency police dispatch (if configured).
- **PAGE:** Press and hold the **PAGE** button for emergency medical dispatch (if configured).

MAINTENANCE

The Honeywell Ademco 6150 keypad requires minimal maintenance. Keep the keypad clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure the keypad is securely mounted and all wiring connections are firm.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keypad display is blank or unreadable.	<ul style="list-style-type: none">• No power to the keypad.• Loose display connection (internal).• Incorrect wiring.	<ul style="list-style-type: none">• Check power supply to the control panel.• Verify all 4 wires are securely connected.• If comfortable, carefully open the keypad and ensure the display ribbon cable is firmly seated (refer to professional guidance if unsure).
Keypad does not respond to key presses.	<ul style="list-style-type: none">• Incorrect keypad address.• Wiring issue (data lines).• Keypad malfunction.	<ul style="list-style-type: none">• Verify the keypad address is correctly set and unique.• Check green and yellow data wires for secure connection.• Power cycle the control panel. If problem persists, professional service may be required.
System does not arm or disarm.	<ul style="list-style-type: none">• Incorrect user code.• System not ready (zones open).• Control panel issue.	<ul style="list-style-type: none">• Ensure the correct 4-digit user code is entered.• Check the "READY" light on the keypad. If off, close all protected doors/windows or bypass open zones.• Consult your alarm control panel manual or a security professional.

SPECIFICATIONS

- **Model Number:** 6150
- **Manufacturer:** Honeywell
- **Display Type:** Fixed English LCD

- **Dimensions (approx.):** 6.85 x 5.16 x 1.34 inches (Package Dimensions)
- **Weight (approx.):** 9.6 ounces
- **Compatibility:** Designed for use with compatible Honeywell/Ademco alarm control panels.
- **Power Requirements:** Supplied by the alarm control panel.

WARRANTY AND SUPPORT

Please note the legal disclaimer for this product: *"NO WARRANTY, NO RETURN ACCEPTED"*. This product is sold without warranty and returns are not accepted.

For technical assistance or further information regarding your Honeywell alarm system, please refer to the documentation provided with your main alarm control panel or contact a certified security system professional.