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› Honeywell Ademco 6160CR-2 Commercial Fire Alpha Keypad User Manual

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Model: 6160CR-2

INTRODUCTION

The Honeywell Ademco 6160CR-2 is an addressable remote keypad designed for commercial fire applications. It is compatible with Honeywell commercial fire control panels. This keypad features a continuously backlit alphanumeric display for clear visibility and a built-in sounder for alerts. This manual provides essential information for the proper setup, operation, and maintenance of your 6160CR-2 keypad. The product package includes a CD, likely containing additional documentation or software.

SETUP AND INSTALLATION

The 6160CR-2 keypad requires professional hard-wired installation and connects to a 12/24V electric power source from a compatible Honeywell commercial fire control panel. Ensure all connections are secure and follow local electrical codes and fire safety regulations during installation.



Figure 1: Honeywell Ademco 6160CR-2 Commercial Fire Alpha Keypad shown with mounting screws, indicating components for installation.

Key Installation Steps:

1. Mount the keypad securely to a wall using appropriate hardware.
2. Connect the keypad to the commercial fire control panel using the specified wiring diagram.
3. Ensure the keypad receives 12/24V electric power from the control panel.
4. Verify all connections are correct before powering on the system.

OPERATING INSTRUCTIONS

The 6160CR-2 keypad provides an intuitive interface for managing your commercial fire system. It features a large, easy-to-read alphanumeric display and a touch-sensitive keypad with four programmable function keys.



Figure 2: Front view of the Honeywell Ademco 6160CR-2 Keypad with its red removable door open, revealing the full alphanumeric keypad and status indicator LEDs.

Keypad Features:

- **Display:** The LCD display is continuously backlit for general visibility. It will also illuminate when a key is pressed or during an alarm or trouble condition. The display can be programmed to remain on at all times; refer to your main control panel instructions for details on this setting.
- **Keys:** The keys are continuously backlit. The keypad includes four programmable function keys for quick access to common operations.
- **Status LEDs:** Seven dedicated LEDs indicate the system's status:
 - **ARMED:** Indicates the system is armed.
 - **READY:** Indicates the system is ready to be armed.
 - **POWER:** Indicates the keypad is receiving power.
 - **FIRE ALARM:** Illuminates during a fire alarm event.
 - **SILENCED:** Indicates the alarm sounder has been silenced.
 - **SUPERVISORY:** Indicates a supervisory condition.
 - **TROUBLE:** Indicates a system trouble condition.
- **Sounder:** A built-in sounder provides audible alerts for various system events.
- **Red Removable Door:** Provides protection for the keypad and can be removed for access or maintenance.

For specific arming, disarming, and programming procedures, consult the comprehensive manual for your Honeywell commercial fire control panel, as the keypad acts as an interface to that system.

MAINTENANCE

Regular maintenance ensures the reliable operation of your 6160CR-2 keypad and the overall fire alarm system.

- **Cleaning:** Gently wipe the keypad and display with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the surface.
- **Power Check:** Periodically verify that the POWER LED is illuminated, indicating continuous power supply from the control panel.
- **Battery Backup:** While the primary power is from the control panel, the system may utilize backup batteries. Ensure these are checked and replaced according to the schedule outlined in your main control panel's manual.
- **Functionality Test:** Conduct routine system tests as recommended by your fire safety protocols and the main control panel's instructions to ensure all keypad functions and alerts are operational.

TROUBLESHOOTING

If you encounter issues with your 6160CR-2 keypad, refer to the following common troubleshooting steps. For complex issues, contact a qualified service technician.

- **Keypad Unresponsive:**
 - Check if the POWER LED is on. If not, verify the power supply from the control panel.
 - Ensure all wiring connections are secure and undamaged.
- **Display Not Backlit:**
 - The LCD display is designed to illuminate when a key is pressed or during an alarm/trouble condition. If it remains dark during these events, check power and connections.
 - If programmed to be continuously on, verify the setting in the main control panel.
- **TROUBLE LED Illuminated:**
 - An illuminated TROUBLE LED indicates a system fault. Refer to the main control panel's display for specific trouble codes or messages to diagnose the issue.
 - Common trouble conditions include low battery, communication errors, or zone faults.
- **Sounder Not Working:**
 - Ensure the system is not in a "silenced" state (check SILENCED LED).
 - Test the sounder function through the main control panel's test mode.

Always consult your main fire control panel's manual for detailed troubleshooting guides specific to your entire system.

SPECIFICATIONS

Attribute	Detail
Brand	Honeywell

Model Number	6160CR-2
Compatible Devices	Honeywell commercial fire control panels
Connectivity Technology	Wired
Power Source	12/24V electric from powered panel (Battery Powered listed, likely for backup)
Alert Type	Fire
Control Method	Touch
Item Dimensions (L x W x H)	6 x 8 x 1.5 inches
Item Weight	0.75 Pounds
Installation Method	Professional hard-wired
UPC	781410798878
GTIN	781410798878

WARRANTY INFORMATION

According to manufacturer specifications, the Honeywell Ademco 6160CR-2 Commercial Fire Alpha Keypad is sold without a manufacturer's warranty. Please consult your installer or reseller for any warranty terms they may offer.

SUPPORT

For technical assistance, installation guidance, or further information regarding your Honeywell Ademco 6160CR-2 keypad, please contact your authorized Honeywell dealer or the professional installer of your fire alarm system. They possess the expertise required for commercial fire system support. You may also visit the official Honeywell website for product documentation and support resources.