

LCD Keypad User's Guide

for XR5FC and XR5SL Fire Panels

Description

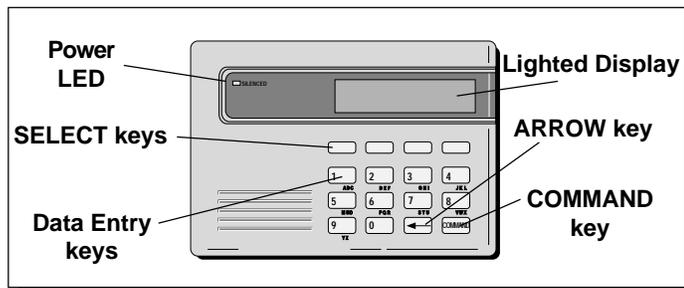
The XR5 fire system has been designed with your safety in mind using the latest in computer technology. The system combines ease of use with a simple to understand LCD (Liquid Crystal Display) keypad to offer the full range of features demanded by today's fire professionals.

About the keypad

This device has been placed at locations throughout the premises to allow you to properly operate the system and review previous event history. The keypad provides a passcode protected User Menu where you can access the functions needed to operate the system. See **Keypad User Menu** below. In addition to the User Menu, the items below list operational features of your keypad.

The SELECT keys

These keys allow you to choose an option by pressing the SELECT key under choices being shown in the display.



LCD Keypad

Lighted display

The keypad uses a backlit display and plain English text to show events occurring on your system.

Data Entry keys

These keys allow you to enter the code number when using the system.

The ARROW key

The ARROW key allows you to back up through the list of functions in the User Menu or make corrections when entering information.

The COMMAND key

The COMMAND key allows you to advance through the keypad displays and enter information into the system.

Power LED

This remains on steady as long as your fire system is connected to its AC power supply. Should there be an interruption, the green LED will turn off. The system's backup battery maintains normal operation for a time allowing you to contact our service department. Should the battery power become low, the Power LED flashes.

Special Fire Command Messages

SYSTEM NORMAL

This display indicates that fire protection devices, phone lines to the panel, and the panel itself, are in good condition.

ALARM

A fire, supervisory, or auxiliary zone has been tripped. Your system may sound the fire bells.

ALARM SILENCED

A user has silenced the fire bells by entering the code or by using the Alarm Silence function in the User Menu.

BYPASS

A zone has been disabled by the system due to repeated trips. If the zone remains normal for one hour it can be restored into the system.

ENTER CODE

The system requires you to enter the user code. As you enter the code, the display shows an asterisk (*) in place of each digit pressed.

INVALID CODE

The user code you've entered is considered invalid by the system.

PH LINE 1 TRBL

There is a problem with the phone lines connected to your system. Call for service as soon as possible.

TROUBLE

There is a problem with a protection device or system component. This display is accompanied by a description of the problem.

TRY AGAIN

The user code you've entered is not recognized by the system. Check the code and try again.

SERVICE REQUIRED or SYSTEM TROUBLE

There is a problem on the system. Call for service.

Special Fire Command Tones

Your keypad also contains a small speaker that allows it to alert you to events as they occur on your system. Below are brief descriptions of the different tones you'll hear from the keypad:

Key press tone: A short beep when you press a key on the keypad.

Trouble tone: A steady tone indicating a trouble condition on your system. Enter the user code to silence the trouble tone.

Fire Alarm Tone: Your keypad may sound a siren-like tone in one second intervals. This is in addition to other bells or sirens you may have.

Understanding Fire System Terms

Zone

A zone refers to a group of one or more protection devices. For example, smoke detectors on the east side of the premises can be grouped together as the zone **EAST SMOKES**.

Central Station Monitoring

Your system can also be programmed to send alarm and trouble reports to a central station where operators can dispatch the appropriate authorities.

Status List

Status is a feature that automatically displays the status of your system on the keypads. The Status List displays alarm or trouble conditions on zones and trouble conditions that occur with AC or battery power or the phone lines. If more than one alarm or trouble condition occurs at the same time, the keypad sequences this information on its display.

Silencing the Bells During an Alarm

While the alarm bell or siren is sounding, enter the user code. The keypad displays **ALARM SILENCED**.

Silencing the keypad trouble sounder

To silence the trouble sounder, press any key on the keypad. To silence the keypad sounder when a Supervisory zone is in alarm, you must enter the user code.

Keypad User Menu

Many of the features of your system have been put into a User Menu you can access from the keypad. The menu requires you to enter the user code before you can access any functions.

To access the User Menu:

1. Press the COMMAND key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE: -**. Enter the user code. You can now scroll down through the list of system features.

The back of this page details the User Menu functions.

Sensor Reset

Function: Sensor Reset temporarily removes power to smoke detectors allowing them to reset after they have tripped. The detectors must be reset before they can detect any additional alarm conditions.

Make sure all smoke is cleared from around the smoke detectors before performing a Sensor Reset to prevent the alarm from occurring again.

1. Access the User Menu.
2. When **SENSOR RESET?** is displayed, press any SELECT key. The keypad displays **SENSORS OFF** for five seconds followed by **SENSORS ON**.
3. The keypad returns to the status display.

Enter the user code to reset sensors

You can also just enter the user code and press COMMAND to reset the sensors without having to enter the User Menu.

System Test

Function: Tests the battery, alarm bell or siren, and communication to a central station. The System Test function begins automatically as soon as you select it.

1. Access the User Menu. Press the COMMAND key until **SYSTEM TEST?** displays.
 2. Press any SELECT key. The system test begins automatically and the keypad displays:
 - 1) **BELL SOUNDING** during a two second bell test, then:
 - 2) **BATTERY - OKAY** or **BATTERY - TRBL** to indicate the condition of the battery, then:
 - * 3) **TRANSMIT TEST** and **ATTEMPT NO : 1** during the transmit test, then:
 - 4) **TRANSMIT OKAY** or **TRANSMIT FAILED** to show the results of the transmit test, then:
 - 5) **TEST END** to indicate the System Test is complete.
 - 6) You can cancel the transmit test by pressing the ARROW key.
- * The transmit test does not operate on local systems.

Fire Drill

Function: Allows you to practice fire drill evacuations.

1. Access the User Menu. Press COMMAND until **FIRE DRILL** displays.
2. Press any top row key. The keypad displays **SURE? NO YES**. Press the SELECT key under **YES**. The system rings the bells until you enter the user code or until the programmed bell time expires.

User Codes

Function: Allows you to change the user code number you enter at the keypad. **NOTE:** The user code must always have four digits.

1. Access the User Menu. Press COMMAND until **CODE NO: * * * *** displays. Press a SELECT key. The keypad displays **CODE NO: -**. Enter a new 4-digit user code. If the code you entered is a special service code used internally by the system, the keypad displays **ALREADY IN USE**. You must enter a different user code.

Display Events

Function: Allows you to review up to 16 past events that occurred on your system in the order of their occurrence.

There are two event types recorded by the system:

Zone Events - Records zone alarms, troubles, and restorals.

Supervisory - Records problems with the system's hardware components.

The system's memory can hold up to 16 events. Once these events are stored, any new event causes the oldest event to be cleared.

1. Access the User Menu.
2. Press COMMAND until **DISPLAY EVENTS?** displays. Press any SELECT key.

3. The keypad displays the first recorded event. Use COMMAND to scroll down through the event displays.

Use the ARROW key to scroll back up through the event displays. If you press the ARROW key when you first enter Display Events, the keypad returns to the Status List.

Zone Event Displays

FIRE ALARM

The display actually contains three separate sections.

- Records the zone number. Press the SELECT key under the zone number to display the custom zone name programmed into the system.

FIRE - This is the type of zone on which the activity occurred. There are three possible zone types you may see on your keypad.

FIRE -Fire SUPV -Supervisory AUX1 -Auxiliary 1

ALARM - This is the event that occurred. There are 3 event types:

ALARM TROUBLE RESTORE

Zone Bypass Event Displays

BYPAS

BYPAS - This zone has been bypassed by the system.

RESET - This zone has been reset by the system.

Press the SELECT key under the zone number to display the custom zone name programmed into the system.

Supervisory Event Displays

POWER TROUBLE

The display contains two separate sections.

POWER - The type of condition that occurred on your system.

POWER - Problem with the AC power supply.

BATTERY - Problem with a low battery. This could be due to the battery exceeding its life expectancy. Call the service department whenever you see a low battery display.

There are only two status conditions for supervisory events.

 TROUBLE RESTORE

Auto Recall Event Displays

Your system sends periodic recall (test) reports to the central station to test the communications link. Each successful test transmission is logged into the Display Events and shown as **AUTO RECALL**.

Emergency Evacuation Plans

The National Fire Protection Association recommends you establish an emergency evacuation plan to safeguard lives in the event of a fire or other emergency. Use the following steps as a guide.

Draw a floorplan of your home or business

On a sheet of paper, draw the walls, windows, doors, and stairs. Also draw any obstacles a person may encounter exiting the building.

Develop escape routes

Determine at least two routes occupants in each room can take to safely escape. One route can be the most obvious such as the door. Another can be through a window that can be easily opened.

Draw arrows on the floorplan to show escape routes from each room.

Decide where to meet

Prearrange a meeting place at a neighbor's house or across the street in the front of the house. Always perform a head count to make sure all occupants safely exited. **NEVER ENTER A BURNING BUILDING**. If the head count shows a person missing, give this information immediately to the authorities. Never enter a burning building to look for someone.

Practice your escape plans

Devising an escape plan is only the beginning, before the plan can be effective everyone should practice the escape routes from each room.