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.
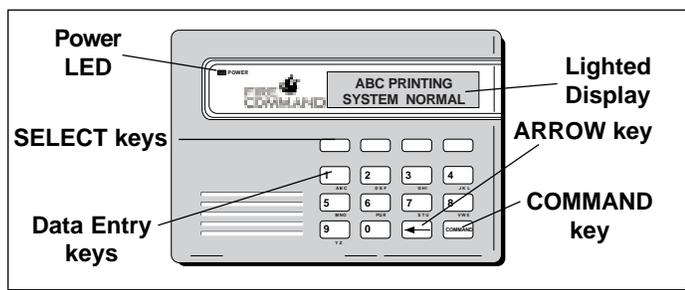
LCD Keypad

The SELECT keys

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

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 options on the keypad display, 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, strobes, and any other response programmed into the system.

ALARM SILENCED
A user has silenced the fire bells by entering the code or by using the Alarm Silence function in the User Menu. Even though the bells are silenced, the system is still in a state of alarm and, depending on the keypad model, the keypad keys will glow red or a red LED on your keypad will flash until a System Reset is performed (see page 2).

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.

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

INVALID CODE
You receive this message if you enter an incorrect user code a second time, after receiving the Try Again message.

PH LINE 1 TRBL
There is a problem with the phone line 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.

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 alerts 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. Press a top row key and then enter the user code to silence the trouble tone.

Fire Alarm Tone: Your LCD keypad, your keypad sounds a siren-like tone in one second intervals. This is in addition to other bells or sirens you may have on your system.

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 under the zone name **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 in the keypad, press any top row SELECT 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 and press the COMMAND key. You can now scroll down through the list of system features.

The functions available in the User Menu are detailed below.

Sensor Reset

Function: Sensor Reset momentarily 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?** displays, press any top row 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 tests are not applicable for 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 any 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.

The system records two event types:

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

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

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

1. Access the User Menu.

2. Press COMMAND until **DISPLAY EVENTS?** appears.

3. Press any SELECT key. 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.

PH LINE # - Problem with phone line 1 or 2.

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.

The status regarding that condition.

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**.

Pager Direct™ User's Guide

Pager Direct uses the reporting capability of your security system to dial your pager number and send reports in much the same way as someone sending you a pager message would do. You can receive reports of system alarms or troubles and know the status of your system at a glance.

Phone Numbers

Service Department Phone: _____

Emergency Phone: _____

Central Station Phone: _____

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Pager Direct™

Security Command Numeric Paging

Cut along dotted lines

Emergency Evacuation Plans

The National Fire Protection Association recommends that 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 the occupants in each room can take to safely escape. One route can be the most obvious such as the door. Another might 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. For the plan to be effective, everyone should practice the escape routes from each room.

Numeric Pager Display

00128-1005

| Account Number | Message ID | Always Zero | Zone Number |

Account Number
This number has been programmed into your Security Command system as an identifier. Whenever the system sends a message to your pager, it will always send the account number first to identify itself.

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Message ID
This is always a single digit, 1 or 2, that describes the message sent.

1 = Zone Alarm   **2** = Zone Trouble

Zone Number
If this message is for a zone, the 1 digit zone number is displayed. If multiple zones are in alarm, the panel will call the pager again with the alarm information for each zone.

Security Command Numeric Paging