



XF6 Series

SYSTEM USER GUIDE

XF6 SERIES FIRE CONTROL PANEL

HOW TO HANDLE AN ALARM

While the fire alarm horns, strobes, or sirens are going off, use the following methods to silence the alarm:

1. Press the **SILENCE** key.
2. Enter your User Code, then press **COMMAND**.



Note: You may silence an alarm using the above methods on the Remote Fire Command Center too.

TABLE OF CONTENTS

Get to Know the Fire Command Center..... 1

Select Areas	2
Data Entry Keys.....	2
Back Arrow Key.....	2
Command Key	2
Status Display	3
Entering Alpha Characters.....	4
Entering Non-Alpha Characters.....	4
Using the Keypad	5
User Options.....	6
Four Function Keys.....	7
Special Fire Command Center Displays	8
Special Fire Command Tones	9

User Menu 10

User Menu Options	10
Accessing the User Menu	12
Alarm Silence	13
Sensor Reset.....	14
Outputs On/Off	15

System Status	17
System Test.....	18
User Codes.....	19
Setting the Date and Time.....	23
Display Events.....	25
Service Request	28
Fire Drill	29

Common Keypad Displays30

FIRE CONTROL PANEL FEATURES



Figure 1: Fire Control Panel Features

GET TO KNOW THE FIRE COMMAND CENTER

Your system comes equipped with a built-in, easy-to-use Fire Command Keypad that allows you to properly operate the system. The Command Keypad is also available in a remote version. Figure 1 and its descriptions highlight some features of the Fire Command Keypad.

Select Areas

Select **Keypad** from the carousel menu. There are four areas in the display called the Select Areas. They allow you to choose what to do by pressing the Select Area with choices being shown in the display.

Data Entry Keys

These alphanumeric keys allow you to enter your user code and other information into the system.

Back Arrow Key

Use the Back Arrow key to go back through displays while operating your system. Press the Back Arrow key to back up through the list of User Menu functions or to make a correction by erasing the last character you entered.

Command Key

The **COMMAND** key allows you to advance through the displays or User Menu. You can also use the **COMMAND** key to complete a data entry function.



Status Indicators

Power Indicator

This indicator remains on steady when both AC and battery input are good. The indicator turns off when AC input is low. The indicator flashes when battery input is low.

Trouble Indicator

This indicator turns on when any trouble displays in the status list, such as AC, battery, phone line, transmit, ground fault, NAC, or any zone trouble. This light is off when no trouble displays in the status list.

Supervisory Indicator

This indicator turns blue when a supervisory alarm is triggered.

Alarm Indicator

This indicator is on when any alarm currently displays in the status list. This indicator is off when no alarm currently displays in the status list.

Entering Alpha Characters

- Press ABC to enter uppercase letters.
- Press abc to enter lowercase letters.

Entering Non-Alpha Characters

- Press !@# to enter special characters.
- Press 123 to enter numbers and to return to the number pad.

Using the Keypad

Multi-Lingual Display Option

Your system may be programmed to display the User Menu and Status Display text in multiple languages. When the **COMMAND** key is pressed, the option to choose the language displays.

Keypad Displays Current Programming

Most User Menu options displayed at the keypad show the currently selected option in the panel memory. These options are either shown as a number, a blank, or a NO or YES. To change a number press any top row Select Key. The current option is replaced with a dash. Press the number(s) on the keypad you want to enter as the new number for that option.

It is not necessary to enter numbers with leading zeros. The panel automatically right justifies when you press the **COMMAND** key.

To change an option that requires a **NO** or **YES** response, press the top row Select Key under the response not selected. For example, if the current option is **YES** and you want to change it to **NO**, press the third top row Select Key. The display changes to **NO**. Press the **COMMAND** key to go to the next option.

User Options

Allows you to make adjustments to your keypad.

To access User Options, press and hold the Back Arrow and **COMMAND** keys for two seconds. The keypad display changes to **SET BRIGHTNESS**. Press the **COMMAND** key to display the next option or the Back Arrow key to exit.

Backlighting Brightness

Sets the keypad LCD and AC LED backlighting brightness level. At the **SET BRIGHTNESS** display, use the left and right Select Keys to lower or increase the keypad brightness.

Internal Speaker Tone

Sets the keypad internal speaker tone. At the **SET TONE** display, use the top left and right Select Keys to make the tone lower or higher.

Volume Level

Sets the keypad internal speaker volume level for key presses and prewarn conditions. During alarm, trouble, and prewarn conditions, the volume is always at maximum level. At **SET VOLUME LEVEL**, use the left and right Select Keys to lower or raise the keypad volume.

Model Number

The keypad model number, firmware version, and date display in the upper right of the screen but can't be changed.

Four Function Keys

You can quickly perform vital functions using the four select areas in the carousel menu.

SILENCE Key

Pressing the **SILENCE** key silences the alarm bells.

RESET Key

Pressing the **RESET** key performs a sensor reset.

DRILL Key

Pressing the **DRILL** key displays a prompt **SURE? YES NO**. Press **YES** to begin the fire drill. Press **NO** to return to the status list.

TEST Key

Pressing the **TEST** key performs a system test.

Special Fire Command Center Displays

SILENCED

An Alarm Silence has been performed to turn off the notification appliances. Zone names display.

SUPVSRY (SUPERVISORY)

A Supervisory type zone alarm has occurred. The zone name displays.

TROUBLE

There is a problem with a protection device or system component. A description of the problem displays.

ENTER CODE

The system requires you to enter your user code. User codes can be required for silencing alarms, performing sensor resets, etc.

As you enter your user code, the keypad display shows an asterisk (*) in place of each digit pressed.

TRY AGAIN or INVALID CODE

The user code you have entered is not in the system. Check the user code and try again.

SYSTEM TROUBLE or SERVICE REQUIRED

There is a problem with one or more of the components in your system. Contact our service department.

SYSTEM BUSY

The system is performing another task of a higher priority. This usually only takes a few moments.

Special Fire Command Tones

Fire Alarm Tone

An intermittent sweeping siren that sounds until the fire alarm is silenced.

Key Press Tone

A short beep each time you press a key on the keypad and it is acknowledged by the system.

Trouble Tone

A steady tone indicating a trouble condition on your system. Press a Select Key to silence.



Note: Silencing the trouble tone by pressing any key only silences the keypad and does not correct the condition that originally caused the trouble.

USER MENU

Some features displayed in the User Menu can't be interacted with. Only the features that can be interacted with are listed in this guide. Press the **COMMAND** key to skip any displays and prompts not discussed in this User Guide.

User Menu Options

The list below shows the User Menu options in the order they display.

ALARM SILENCE

Silences an alarm bell or siren.

SENSOR RESET

Resets smoke or glassbreak detectors that have latched due to an alarm condition.

OUTPUTS ON/OFF

Allows you to turn on or off any of the outputs described in the System Setup section of this guide.

SYSTEM STATUS

Displays the current condition of the system AC power, backup battery, optional panel tamper, and keypad model and version numbers.

SYSTEM TEST

Tests the system siren, communication to the central station, and backup battery.

USER CODES

Allows you to add, delete, or change user codes.

TIME

Allows you to change the Day, Date, or Time that is currently programmed in the system.

DISPLAY EVENTS

Allows you to view the last 3,200 system events that occurred on your system.

FIRE DRILL

Allows you to test the system fire bells.

Accessing the User Menu

1. Press the **COMMAND** key, if the multi-language option is enabled, the available languages display. Press the top row Select Key under the language to use for text display.
2. Press the **COMMAND** key until **MENU? NO YES** displays.
3. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code and press **COMMAND**. You can now scroll down through the list of system features available to you.

Alarm Silence

Silences the alarm bells or sirens during an alarm.

Using Alarm Silence does not stop an alarm report from being sent to the central station and does not reset any alarmed devices.

1. Access the User Menu. The keypad displays **ALARM SILENCE?**.
2. Press any Select Key to silence the bells and exit the User Menu.

Sensor Reset

Resets smoke detectors which must be reset before they can detect any additional alarm conditions. Also clears Fire/Supervisory alarm and trouble displays.

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

1. Select **RESET** on the carousel menu. If using a 630F Remote Annunciator, press the **RESET** button on the left side of the keypad.
2. The keypad displays **SENSORS OFF** for five seconds followed by **SENSORS ON**.
3. The keypad automatically exits the User Menu.

Outputs On/Off

Allows you to manually turn the system relay outputs **ON** and **OFF**.

This function can individually turn your system relay **ON** and **OFF**. Your system may use these outputs to control interior and exterior lighting, heating, air conditioning, or other appliances.

Outputs can be turned **ON** or **OFF** regardless of the output settings in Schedules.

Under certain conditions, some outputs cannot be turned on. If you select a restricted output, the keypad displays **CANNOT TURN ON**.

1. Access the User Menu. Press **COMMAND** until **OUTPUTS ON/OFF?** displays.
2. Select the type of output you want to turn **ON** or **OFF** by pressing the Select Key under **OUTPUTS**.
3. Enter the output number you want to turn ON or OFF. The output number displays. The range for outputs is 1-6, 500-999.

4. With the output number displays, press the Select Key under **ON** or **OFF**. The remains in that chosen state until you change it. The keypad displays the output name followed by either **ON** or **OFF** for four seconds to provide visual verification of the action. Press the **COMMAND** key to end the four second display.
5. The system automatically returns to the output prompt to allow you to select a new output to turn **ON** or **OFF**. Refer back to step 4.

System Status

System Status displays the internal system hardware current condition.

System Status shows the panel condition of AC power, battery power, and optional panel tamper. When System Status is selected, each monitor displays followed by OKAY or TRBL (Trouble) to indicate the current condition.

1. Access the User Menu. Press **COMMAND** until **SYSTEM STATUS?** displays.
2. Press any Select Key. The display starts listing each system monitor and status. For example: **AC POWER - OKAY**. Below are the System Monitor displays:

KEYPAD DISPLAY	WHAT IT MONITORS
AC POWER	AC power
BATTERY	Battery power
TAMPER	Panel box tamper

These are followed by either **OKAY** or **TRBL** (trouble). If **TRBL** displays, call the service department for assistance.

3. The system then displays its firmware version, the panel model, and then exits the User Menu.

System Test

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

Using the System Test Function

1. Access the User Menu. Press **COMMAND** until **SYSTEM TEST?** displays.
2. The System Test begins automatically and the keypad displays the following messages in this order:
 - a. **BELL SOUNDING** during a two second bell test
 - b. **KEYPAD SOUNDING** all keypads sound their alarm tone for two (2) seconds during the keypad sounder test
 - c. **BATTERY - OKAY** or **BATTERY - TRBL** to indicate the battery condition
 - d. ***TRANSMIT TEST** and **ATTEMPT NO: 1** during the transmit test
 - e. **TRANSMIT OKAY** or **TRANSMIT FAILED** to show the results of the transmit test
 - f. **TEST END** to indicate the System Test is complete
 - g. You can press the Back Arrow key to end the transmit test

* The transmit test does not occur on local systems.

User Codes

This option allows you to add, delete, or change a user code. You may also assign specific authority levels to individual users.

User Number

Every user is numbered 1 - 10. This number identifies the user to the system.

User Code

Each user also has a 3- to 6-digit code, to enter into the keypad.

User Names

Each code may also be programmed with the user name. You may enter up to 32 characters for the name.

User Authority

The user is also assigned an authority level the administrator of the system. The authority level options are **MASTER** and **STANDARD**. The authority level selection determines the functions the user can access.



Note: Your system must have at least one **Master** user in order to add or delete user codes. Do not delete all users with Master authority from your system.

User Authority Permissions

Refer to the table below for information about authority permissions for **Standard** and **Master** users.

ACTION	DESCRIPTION	STANDARD AUTHORITY	MASTER AUTHORITY
Alarm Silence	Allow the user to silence a system alarm.	Yes	Yes
Sensor Reset	Allow the user to reset all system sensors.	Yes	Yes
Outputs On/Off	Allow the user to turn outputs on or off from the User Menu.	No	Yes
System Status	Allow the user to view the system's status.	Yes	Yes
User Codes	Allow the user to add, change, or delete user codes.	No	Yes
Time	Allow the user to change the system date and time from the User Menu.	No	Yes
Display Events	Allow the user to view system events.	Yes	Yes
Service Request	Allow the user to request a service call from your alarm provider.	No	Yes
Fire Drill	Allow the user to initiate a fire drill.	No	Yes

Adding User Codes

1. Access the **USER CODES?** display. Press any Select Key. The keypad displays **ADD DEL CHG**.
2. Press the Select Key under **ADD** to add a new user code.
3. At the **USER NUMBER** prompt, enter a user number and press **COMMAND**. The display changes to **USER CODE**.
4. Enter a user code of 3 to 6 digits and press **COMMAND**. The user enters this number to reset, silence, etc. After entering the code the keypad displays **USER NUMBER ###** as the user name.
5. A 32-character name may be entered to identify the user. Press any top row key to clear the current name. Enter the new name and press **COMMAND**.
6. Press a select area and then select **MASTER** or **STANDARD**. Press **COMMAND**. The displays shows **USER # ADDED**.

Deleting User Codes

To delete a user code, you need to be a **Master** level user.

1. Access the **USER CODES?** display. Press any Select Key. The keypad displays **ADD DEL CHG**.
2. Press the second Select Key, under **DEL**, to delete a user code from the system.



Note: Be careful not to delete all Master Users from your system. Also, the user code used to enter the user menu to delete codes cannot be deleted. In other words, you can not delete yourself.

3. At the **USER NUMBER** prompt, enter the user number you want to delete and press **COMMAND**. The display changes to **USER # DELETED**.
4. The display then changes back to **USER NUMBER** allowing you to delete another user.

Changing User Codes

1. Access the **USER CODES?** display. Press any Select Key. The keypad displays **ADD DEL CHG**.
2. Press the third Select Key, under **CHG**, to change a user code.
3. At the **USER NUMBER** prompt, enter the user number to change and press **COMMAND**.
4. The display changes to **CODE NO: * * * * ***. Press a Select Key and enter the new user code. Press **COMMAND**.
Changing a user code does not change the user number.
5. The display then shows the current user name. Press any top row key to clear. See *Entering User Names in Working with Browsers* to enter a new name.
6. Select the authority level to assign a set of authorized functions to the user code.
7. After entering the authority level, the keypad displays **USER # CHANGED** for 5 seconds followed by **USER NUMBER**. This display allows you to change another user code.

Setting the Date and Time

Allows you to change the current date and time displayed on the LCD keypad and used by the system.

1. Access the User Menu. Press **COMMAND** until **TIME?** displays. Press any Select Key.
2. The keypad displays the current day and time. Press the **COMMAND** key. The keypad displays the current date. Press the **CMD** key to make any changes.
3. The keypad displays **TIME DAY DATE**.
4. Press the Select Key under **TIME** to change the time. The keypad displays **AM PM**. Enter the current time and select **AM** or **PM**. The display changes back to **TIME DAY DATE**.
5. Press the Select Key under **DAY** to change the day of week. The keypad displays **SUN MON TUE WED**. Press the **COMMAND** key to display **THU FRI SAT**. Press the Select Key under the correct day. Use the Back Arrow key to toggle between the different day of the week displays.

6. Press the Select Key under **DATE** to change the date. The keypad displays

MONTH	Enter up to 2 digits for the month. Press CMD .
DAY	Enter up to 2 digits for the day. Press CMD .
YEAR	Enter up to 2 digits for the year. Press CMD .

The display returns to the **TIME DAY DATE** display.
Press the Back Arrow key to exit the User Menu.

Display Events

Allows you to review up to 3,200 past system events. Examples of these events include:

- **Zone Activity:** zone alarms, troubles, and restorals.
- **User Code:** adding, deleting, and changing user codes.
- **Supervisory:** problems with system hardware components.
- **System Monitor:** problems with AC Power, Battery, or tamper problems.

The system memory holds a maximum of 3,200 past events for 45 days. Any event older than 45 days automatically clears from the system memory. Once the full 3,200 events are stored, any new event causes the oldest event to be cleared.

About the Display Events Section

While in the Display Events function, use the **COMMAND** and Back Arrow keys to navigate through the list of events. To view more information about each display, press the Select Key as directed in the explanations.

Using the Display Events

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

The keypad displays **FRST LST PRT SRT**.

- a. Select **FRST** (first) to view the oldest to newest events. Then use the **COMMAND** key to scroll up through the events. Select **LST** (last) to view the newest to oldest events. Then use the Back Arrow key to scroll down through the events.
 - b. Select **LST** (last) to view the newest to oldest events. Then use the Back Arrow key to scroll down through the events.
 - c. Select **SRT** to sort through the Display Events log and collect information specific to a user or system event.
 - d. Select **PRT** to print the complete Display Events log.
2. To use the Sort feature, press the Select Key under **SRT**. The keypad displays **FRST DATE: 8/21**. Press any Select Key and enter a 4-digit beginning date for the sort. Press **COMMAND**.
 3. The keypad displays **LAST DATE: 10/17**. Press any Select Key and enter a 4-digit ending date for the sort. Press **COMMAND**.

4. At **USER NUMBER**, to sort events for a particular user, enter their user number or press **COMMAND** to sort for all users. To search for a user, press any Select Key then use the **COMMAND** and Back Arrow keys to browse through the user names in the system. When the user you want displays, press any Select Key then press **COMMAND**.
5. The keypad displays two event types that you can include in the sort. Press the fourth Select Key to display **YES** as the event type name displays on the keypad. Press **COMMAND**. The following are the five sort event types:
 - **ZONE EVENTS:** Zone alarms, troubles, and restorals
 - **SUPERVISORY:** System hardware problems and denied events
6. After the last event type displays, the keypad again displays **FRST LST PRT SRT**. You can now view or print the sorted Display Events or press **SRT** to define a new sort.



Service Request

Your user code authority level may be programmed for Service Request. This allows you to press any top row Select key when **SERVICE REQUEST?** displays and have the system send a “Request for Service” message to the central station. The **REQUEST MADE** display confirms your request was sent.

Fire Drill

Fire Drill is used to test the fire bells or fire horns in your system. The Fire Drill test turns your system bell circuit on, but does not send a message to the central station.

Starting a Fire Drill test

1. Access the User Menu. Press **COMMAND** until **FIRE DRILL?** displays. Press any Select Key.
2. The keypad displays **SURE? YES NO**.
3. Press the Select Key under **YES** to start the Fire Drill test.

Ending a Fire Drill test

1. Enter your code at the keypad and press **COMMAND** to end the Fire Drill.
2. The Fire Drill test automatically ends with **ALARM SILENCE** or the programmed Bell Cutoff time.

Inspection Reminder

If enabled, the keypad sounds and displays a reminder message 14 days before an inspection for your system is due (every 3, 6, or 12 months).

If you are a **Master** user, you can silence the keypad and clear the message. The reminder remains in the **Status List** until the inspection is completed.

Once the inspection is complete, a **Master User** can enter the User Menu and reset the reminder for the next scheduled inspection date.

Reset an Inspection Reminder

1. Go to the User Menu.
2. Press **CMD** until **FIRE INSPECTION** displays. Press any select area to enter the menu.
3. Once **RESET? NO YES** displays, select **YES** to reset the inspection reminder.

COMMON KEYPAD DISPLAYS

Listed in the following table are keypad messages you may see on the display. Follow the instructions in the Possible Solutions column to correct the problem. In many case, you need to call a service person to correct the problem. Displays that are not discussed here mean that your service representative should be called.

MESSAGE:	MEANING:	POSSIBLE SOLUTIONS:
INVALID CODE	The user code you entered is not recognized by the panel.	Check the user code and try again.
GROUND FAULT TROUBLE	There is a ground fault on the system.	Check the system for a grounded connection. Disconnect one circuit at a time and read the resistance between the circuit and ground with an Ohmmeter.
Blank Screen	System is in a normal state.	N/A

Information furnished is believed to be accurate and reliable.
This information is subject to change without notice.



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