

# **STAR XL**

---

## **4800 EZ™**

### **OWNERS MANUAL**

---

***FBI FIRE BURGLARY  
INSTRUMENTS, INC.***

163 Eileen Way, Syosset, NY 11791  
TOLL FREE 1-800-645-5430 (Nationwide)

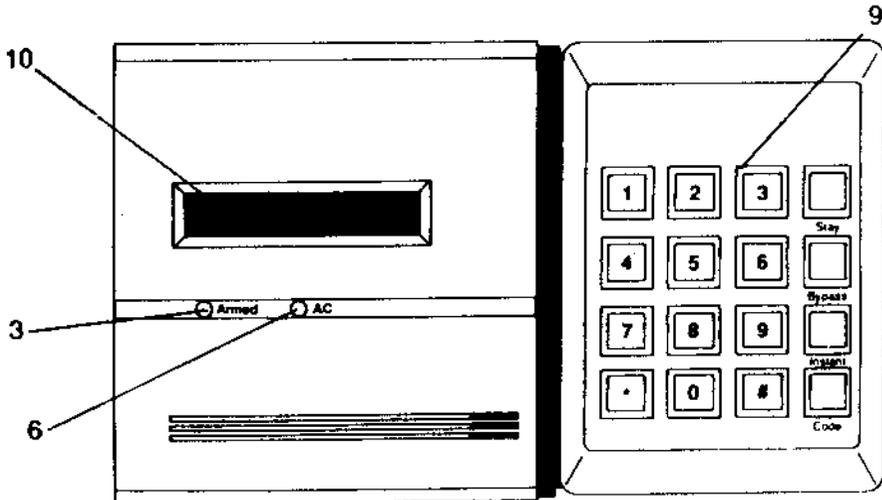
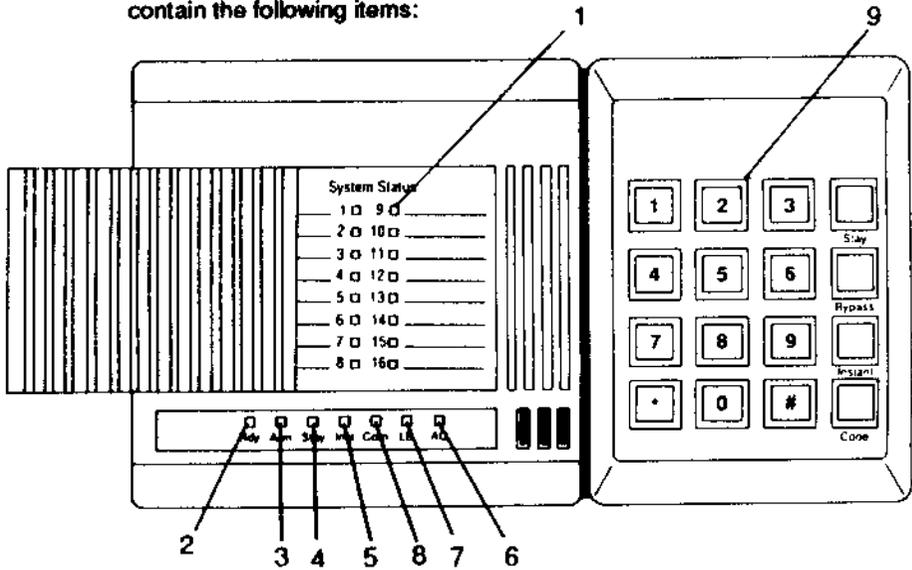
FI-2455 6/89

## INTRODUCTION

Congratulations on your decision to protect your home or business with the STAR XL4800 EZ. You have chosen a reliable, state of the art security system that is remarkably easy to operate. Your system has been professionally installed by your local Security Company who can explain the specifics of your system within your location.

## 1. KEYPAD LAYOUT

The keypad is the arming station for the STAR XL4800EZ. Two different versions are available, an LCD keypad with a two line English language display or an LED keypad with indicator lights for the zones. The keypads contain the following items:



1) **ZONE STATUS INDICATORS** - Your location has been divided into areas of protection known as zones. This section of the LED keypad is located behind the sliding plastic door and displays the current status of each zone as follows:

READY	Off
ALARM	Fast blinking.
BYPASS	Slow blinking low intensity.
TROUBLE	Slow pulse
NOT READY	Solid ON

2) **READY** Indicates whether the system is ready for arming. ON means that the system is ready, OFF means that the system is not ready.

3) **ARM** -Shows whether the system is currently armed (ON) or disarmed (OFF).

4) **STAY** - Shows the system has been armed with the interior zones bypassed (ON = Stay mode).

5) **INSTANT** - Shows whether the system has been ARMED with all delay zones instant (ON = Instant mode).

6) **AC** - Shows that AC power is connected.

7) **BAT** Indicates low battery condition Slow Pulse = low battery, OFF= Normal.

8) **COM** Indicates a communications failure with the CS.

9) **NUMERICAL KEYPAD** operates in a similar manner to a calculator or telephone with the digits 0 - 9, \* and # clearly marked. The four function keys on the right hand side of the keypad (STAY, INSTANT, BYPASS, CODE) are used to perform various functions which are described throughout this manual.

10) **LCD DISPLAY AREA** Two line by sixteen character display which continuously displays system status.

Throughout this users manual the following conventions are used to display the keystrokes required to perform the functions.

<b>BYPASS</b>	Key labeled BYPASS on keypad.
<b>INSTANT</b>	Key labeled INSTANT on keypad.
<b>STAY</b>	Key labeled STAY on keypad.
<b>CODE</b>	Key labeled CODE on keypad.
<b>[USER]</b>	Four digit user code. The user codes represent the individuals authorized to operate the Security System.

## 2. ARMING THE SYSTEM

ARMING the system will activate all portions of your XL4800 EZ Security System. Arming can only be performed if all zones are READY. For example, if a protected door is open the system cannot be armed.

### SYSTEM READY

The system is ready to be armed if the READY indicator light of the LED keypad is ON, or the LCD keypad will display the following message:

**SYSTEM READY**

If the system is ready, ARMING can be performed as follows;

### ARMING PROCEDURE:

1. Enter your four digit user code into the keypad:

(USER)

The ARM indicator light will now be lit and, if you are leaving the premises, you may exit through a door designated by your installer as Fan exit/entry zone for a fixed time period known as the exit delay. In addition, the LCD keypad will display:

**ON:AWAY .....**  
**EXIT NOW.....**

The EXIT NOW message on the second line will appear for the duration of the exit delay.

### SYSTEM NOT READY

If the system is not ready to be armed the READY indicator of the LED keypad will be OFF, or the LCD keypad will scroll through the zones which are not ready. For example;

**NOT READY ZN 02**  
**NOT RDY: ZONE 02**

Depression of any key from the LCD keypad will display the zone descriptor for the zone(s) which are not ready. Example, FRONT WINDOWS.

On LED keypads the zone indicator lights will display the zones which are currently not ready (see explanation in section 1).

In order to make the system ready determine which zones are not ready by observing the zone indicator lights or the message on the LCD display. From the zone number you can find out which area of protection is not ready.

For example, if the zone 3 indicator light is ON, this means zone 3 is not ready. Typically, this might mean that a protected door or window is open in the area designated as zone 3.

- >> When all the zones are ready the READY light will appear and the system can be armed.

To arm the system with zones not ready one of the following actions is necessary;

- Make the zone(s) ready. Determine which zones are not ready and perform what is necessary to ready the zone(s) (example, close the door or window, etc.), or

- Bypass the zone(s) not ready. Bypassing should only be performed if the zone cannot be made ready or intentionally will remain not ready. Remember, zones that are bypassed are **not** protected when the system is armed. (See section 7)

- Force Arm the system (see section 8)

### 3. DISARMING

---

Disarming the security system will deactivate the burglary portions of the system (Fire zones, and emergency panic zones are active 24 hours a day).

This procedure can also be used to reset your system if you accidentally set off the system ( example, opened a window while the system was armed, or an excessive amount of smoke activated the fire protection system).

#### DISARM PROCEDURE:

[USER]

Enter your user code.

#### IF NO ALARMS HAVE TAKEN PLACE

Upon disarming the ARM indicator will go off.

The system display will reflect the current system status.

#### IF ALARMS HAVE TAKEN PLACE

If alarms or other conditions such as system troubles have taken place since the initial system arming, they will appear on the display. The LED keypad will show these conditions in the zone section behind the sliding plastic door, with each zone displaying the condition as explained in section 1.

LCD keypads will display the information for the zone which caused the alarm. For example,

FIRE	zn 03
KITCHEN SMOKE	

>> To clear the display of the alarm or trouble conditions and silence the audible signal enter your user code [USER] again

### 4. STAY

---

The STAY mode is another way to ARM your system while you remain in the location. The STAY mode will deactivate any interior protection zones which means that you will be free to walk throughout your location without activating the alarm system.

In order to enter the STAY mode, the system must be READY. (see previous description).

#### STAY PROCEDURE:

STAY [USER]

Depress the STAY key followed by your four digit user code.

After a successful STAY arming the ARM indicator will be lit. On LED keypads the STAY indicator light will also be lit. In the STAY mode only the external or perimeter burglary protection is active.

In addition LCD keypads will display the following:

**ON: STAY .....**

- >> Remember, you must **DISARM** the system when you want to leave the premises.

**Note:** The **STAY** option will automatically be reset after the system is disarmed.

## **5. INSTANT**

---

The **INSTANT** mode activates the burglary portions of the system and eliminates the entry time delay interval. This mode would cause an immediate alarm if anyone entered through an entry/exit zone. Typically, this might be used when all occupants are within the location, with no one expected to leave or arrive.

The system must be **READY** to select the **INSTANT** option.

### **INSTANT PROCEDURE:**

#### **INSTANT [USER]**

Depress the **INSTANT** key followed by your four digit user code. Upon successful **INSTANT ARMING** of the system the **ARM** indicator will be lit. In addition the **INSTANT** indicator will be lit (LED keypads only).

LCD keypads will also display;

**ON: INSTANT**

**Note:** The **INSTANT** option will automatically be reset after the system is disarmed.

## **6. INSTANT - STAY**

---

The **INSTANT STAY** mode will arm the system with the characteristics of both the **INSTANT** and **STAY** modes. The system will be armed with the interior portions bypassed and the entry delay will be suspended.

The system must be **READY** in order to enter this mode.

### **PROCEDURE:**

#### **INSTANT STAY [USER]**

or

#### **STAY INSTANT [USER]**

Depress the **INSTANT** and **STAY** in any order followed by a four digit user code.

After a successful **INSTANT STAY** arming the **ARM**, **INSTANT** and **STAY** indicators will be lit on LED keypads.

LCD keypads will display the following;

**ON:STAY INSTANT**

## **7. BYPASS**

---

Bypasses are performed to eliminate burglary zones that are not ready or faulty, in order to activate the rest of the security system.

### **BYPASS PROCEDURE:**

**BYPASS ZN**

Depress the **BYPASS** key followed by the two digit zone number (01 - 16) to be bypassed.

Example:

**BYPASS 02** Will bypass zone 02.

If the zone has already been bypassed, the sequence will unbypass the zone except if the system is armed. Unbypass means that the zone returns as an active burglary zone.

After the bypass (or unbypass) command has been accepted the unit will emit a continuous beep and the following display will appear on LCD keypads:

**BYPASS ZONE 02  
MASTER BEDROOM**

On LED keypads the zone or zones that have been bypassed will appear in a slow blinking mode in the zone status area.

**Note:** Fire zones and emergency panic zones cannot be bypassed.

## 8. FORCED ARMING

---

Forced arming is a procedure which will automatically bypass all burglary zones which are not ready and ARM the system.

**FORCED ARM PROCEDURE:**

{#} 2

Depress the # key, followed by the 2 key. If any of the zones that are not ready are not bypassable, the forced arming will not be successful.

After a successful forced arming the ARM indicator will be lit and the appropriate message will appear on the LCD display.

## 9. UNBYPASS

---

The UNBYPASS function removes an existing bypass from a currently bypassed zone. After UNBYPASSING a zone, the bypass indication will be removed for that zone.

**UNBYPASS PROCEDURE:**

BYPASS ZN

See bypass description.

## 10. USER DEFINITION

---

User codes within your Security System can be entered or modified directly through the keypad. The system can have up to sixteen different users. The system contains at least one master user which has the ability to create or modify other users. Your installer can tell you the master user code and the user numbers active in your security system.

**USER DEFINITION PROCEDURE:**

CODE [USER] [US#] [US#] [USERID] [USERID] [LEV] [LEV]

where;

[USER] Is a master user code ( four digits).

[US#] User number (01-16)

[USID] New user ID (0000 - 9999).

[LEV] Authorization level 1=Master User, 2=Normal User

To create a normal user number 3, with a user access code of 4567 enter:

**CODE [USER] 03 03 4567 4567 2 2**

**Note:** User number 16 is reserved for use as a system-wide ambush code. Ask your installer for details.

## 11. USER DELETION

Removal of users from the XL4800EZ can be performed as follows;

### USER DELETION PROCEDURE:

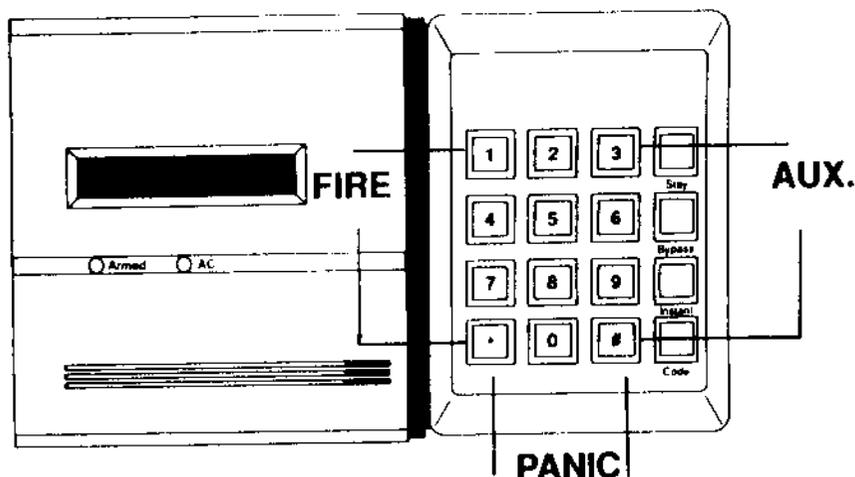
**CODE [USER] [User #] [User #] #**

Where:

CODE	Code key on keypad
[USER]	Master user code
[User #]	Represents the user number being deleted.(01-16). <b>Note:</b> User number 1 cannot be deleted.
#	is the # key on the keypad.

## 12. KEYPAD EMERGENCY CONDITIONS

Various emergency conditions can be transmitted directly through the keypad. These require simultaneous depression of two keys as shown on the diagram below. Please contact your installer to determine whether these conditions are active on your system.



## 13. DURESS

The STAR XL4800EZ system has the ability to send an emergency signal to the Central Station if you are forced to enter the premise. This ambush capability can be programmed by your installer. If active, then user code #16 will be your ambush code.

## 14. QUICK COMMANDS

---

The following commands can be performed directly through the keypad by pressing of the # key followed by the numbers 0- 6. Please contact your installer to explain which of these quick commands are applicable to your system.

### **MULTI-PARTITION # 0**

The STAR XL4800EZ can be configured to appear as two separate systems. Each subgroup is known as a partition. If the system is partitioned, then an option exists for user #1 to operate in both partitions.

The multi-partition command allows user #1 to perform keypad functions at any keypad for either partition.

PROCEDURE:

# 0 [USER] P

where P is the desired partition (1 or 2)

If this feature has been enabled and user #1 code has been entered then the keypad will display the current status of the requested partition.

### **QUICK ARM # 1 -**

This will arm the system without the need for entry of a user code.

### **QUICK FORCED ARM # 2**

This command will arm the system and bypass any burglary zones (non fire or panic) which are not ready without entry of a user code. This can also be preceded by either the STAY or INSTANT keys to Force Arm in either the STAY or INSTANT modes (e.g., STAY #2).

### **TIME/DATE SETUP # 3 0 YY MM DD HH MM \***

This command can be used to set the system time clock. Follow the sequence shown where YY = Year (00-99), MM = Month (01-12), DD= Day of month (00-31), HH= Hour of day (00-24), MM = Minute (00-59).

**Note:** To view the current system time on LCD keypads press # 3 #

### **ZONE DIRECTORY # 4 LCD keypads only)**

This command will scroll through the zone descriptors of the system. This command only applies to LCD keypads.

### **CHIME MODE # 6**

This command will turn on or off the system chime mode which can be programmed by zone by your installer. If chime has been turned on then the keypad will sound for one second every time the selected zone(s) are opened while the system is disarmed. This could be used for example, to inform you every time the front door was opened when the system was disarmed.

After entering the chime mode # 6 , press the 0 button to turn the chime on or off, or the \* key to exit

# SUMMARY

---

## PROCEDURE

ARM SYSTEM  
STAY  
INSTANT  
INSTANT-STAY  
BYPASS  
BYPASS multiple  
  
UNBYPASS  
UNBYPASS multiple  
  
FORCED ARMING  
DISARM  
USER DEFINITION

## SEQUENCE

[USER]  
STAY [USER]  
INSTANT [USER]  
INSTANT STAY[USER] or STAY INSTANT [USER]  
BYPASS [ZN]  
BYPASS [ZN] BYPASS [ZN] BYPASS [ZN]  
.....  
BYPASS [ZN]  
BYPASS [ZN] BYPASS [ZN] BYPASS [ZN]  
.....  
# 2  
[USER]  
CODE[USER][US#][US#][USID][USID][LEV][LEV]

### QUICK COMMANDS:

MULTI-PARTITION # 0 [USER] p  
QUICK ARM # 1  
QUICK FORCED ARM # 2  
TIME/DATE SET # 3 0 YY MM DD HH MM  
ZONE DIRECTORY \* # 4  
CHIME MODE # 6

\* LCD Keypad Only