HOW TO HANDLE AN ALARM

Enter your user code or present your credential to the keypad if it has a built-in proximity reader. You will see:

**IS THIS A FALSE ALARM? YES NO or CANCEL VERIFY**

Real Alarm
Press **NO** or **VERIFY** to notify to the emergency monitoring station.

Your system will remain armed.

False Alarm
Press **YES** or **CANCEL** to cancel the alarm.
Your system will disarm.
# TABLE OF CONTENTS

**Get to Know Your System** ........................................... 3

**Use Your Keypad** ...................................................... 5
- LCD Keypad................................................................. 5
- Graphic Touchscreen Keypad................................. 6
- Using the Keypad......................................................... 11

**Know Your System Type** ......................................... 13
- Area ........................................................................ 13
- All/Perimeter............................................................... 13
- Home/Sleep/Away.......................................................... 13

**Arm Your System** ..................................................... 14
- Area ........................................................................ 14
- All/Perimeter............................................................... 14
- Home/Sleep/Away.......................................................... 14
- More Arming Options.................................................. 15

**Disarm Your System** ............................................... 16
- How to Handle an Alarm.............................................. 16
- Disarm Your System.................................................. 16

**Using Keyfobs** .......................................................... 17
- Arm ........................................................................ 17
- Disarm ..................................................................... 17

**User Menu** .................................................................. 18
- Description of Each Option........................................ 18
- User Check-In............................................................. 19
- Zone Activity Check.................................................... 19
- Sensor Reset ................................................................. 19
- Outputs On/Off.............................................................. 20
- Favorite .................................................................... 20
- Z-Wave Setup............................................................... 23
- Wi-Fi Setup ................................................................. 25
- Bypass Zones............................................................... 26
- Zone Monitor (Chime).................................................. 26
- System Test................................................................. 27
- User Codes................................................................. 28
- Schedules ................................................................. 32
- Date and Time ............................................................. 35
- Display Events .......................................................... 35
- Request Service?......................................................... 35

**Common Keypad Displays** ........................................ 36
GET TO KNOW YOUR SYSTEM

Your system may not include all of the equipment and functions found in this guide.

**Control Panel**
The control panel acts as your system’s brain. It communicates with the keypad and all the other system devices throughout the building.

**Keypad**
The keypad allows you to control your system from one place. You can use it to arm and disarm your system, add user codes, verify alarms, and many other functions.

**Prox Key**
A prox key is an impact resistant credential that fits on a standard key ring. It allows for codeless arming, disarming, and door access when it is presented to a reader.

**Sensor**
Sensors are small devices that monitor motion, temperature, flooding, breaking glass, and know when windows and doors have been opened.

**Key Fob Remote**
Depending on how your key fob remote is set up, it provides an easy way to arm and disarm your system or send a panic alarm.

**Siren**
The siren emits sound when your system goes into alarm.

**Smoke and Carbon Monoxide (CO) Detector**
These detectors notify you when smoke or carbon monoxide is present. Some detectors have an integrated synchronized sounder. If they are installed in groups, they will all sound simultaneously.
**Z-Wave™**
Z-Wave devices allow you to control the lights, small appliances, garage doors, thermostats, and locks from the keypad, Virtual Keypad™ App, and VirtualKeypad.com™.

**SecureCom™ Video**
SecureCom Video allows you to add wired or wireless cameras inside or outside the building. You can easily record clips or view live video feed at any time using the Virtual Keypad App or VirtualKeypad.com.

**Virtual Keypad App and VirtualKeypad.com**
The Virtual Keypad App and VirtualKeypad.com allow you to control and monitor your system on the go. The app is available for Apple® and Android™ devices.
USE YOUR KEYPAD

Your system may have one or more LCD keypads that allow you to operate the system.

**LCD Keypad**

**Proximity Card Reader**
The keypad may have a built-in proximity card reader that allows you to arm or disarm your system when you present a credential.

**Power and Armed LEDs**
The AC Power and Armed LEDs indicate your system’s power and armed status.

**Select Keys**
Use the select keys to type and navigate in the keypad.
Graphic Touchscreen Keypad

Options
On the LCD keypad, press and hold the CMD and back arrow keys at the same time to access the Options Menu. On the Graphic Touchscreen Keypad, press Options in the carousel menu. From here, you can adjust the keypad brightness, tone, and volume.

Interactive Shield
On the Graphic Touchscreen Keypad, press the shield to display your arming options. Disarm your system by pressing the shield and entering your user code.

Carousel Menu
On the Graphic Touchscreen Keypad, use the navigation arrows or press and drag to scroll through the carousel menu options.
<table>
<thead>
<tr>
<th><strong>CAROUSEL MENU OPTIONS FOR GRAPHIC TOUCHSCREEN KEYPADS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Panic</strong></td>
</tr>
<tr>
<td><strong>Chime</strong></td>
</tr>
<tr>
<td><strong>Reset</strong></td>
</tr>
<tr>
<td><strong>Favorites</strong></td>
</tr>
<tr>
<td><strong>Options</strong></td>
</tr>
<tr>
<td><strong>Keypad</strong></td>
</tr>
<tr>
<td><strong>User Codes</strong></td>
</tr>
<tr>
<td><strong>Schedules</strong></td>
</tr>
<tr>
<td><strong>Events</strong></td>
</tr>
<tr>
<td><strong>Thermostats</strong></td>
</tr>
<tr>
<td><strong>Doors</strong></td>
</tr>
<tr>
<td><strong>Lights</strong></td>
</tr>
</tbody>
</table>
System Status Icons
System status icons for the Graphic Touchscreen keypad are located at the top of your home screen. The following icons indicate the status of your system:

**System Ready to Arm**
The check mark indicates that your system is ready to arm. If you don’t see the check mark, a door or window may be open.

**Attention List**
When pressed, the attention list icon displays the type of event or trouble message your system has recorded. It also shows the name and number of any affected zones.

**Battery Trouble**
If you see this icon, your system’s battery is low or disconnected.

**Chime On**
This icon means your chime is turned on. A tone will sound each time a door or window is opened. You can activate this feature in the Chime section of the user menu.

**AC Power Trouble**
If you see this icon, your system’s isn’t receiving AC power.

**Wi-Fi Connection**
If you see this icon, your system is connected to a Wi-Fi network.
Weather
Your system has been programmed to provide local weather information based on your zip code. Current weather conditions and forecasted HI and LOW temperatures are available on the home screen.

Security Provider Logo
Press the logo at the top of the keypad to bring up your security provider’s contact information.

Power/Armed LED
The LED at the top-center of the keypad indicates the keypad's power status and your system’s arming status. Depending on the status, the LED will be red or blue. See the table below for more information.

<table>
<thead>
<tr>
<th>COLOR AND ACTIVITY</th>
<th>ARMED STATUS</th>
<th>KEYPAD POWER STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Steady</td>
<td>Disarmed</td>
<td>AC Power OK, Battery OK</td>
</tr>
<tr>
<td>Blue Blinking</td>
<td>Disarmed</td>
<td>AC Power OK, Battery Trouble</td>
</tr>
<tr>
<td>No Light</td>
<td>Disarmed</td>
<td>AC Power Trouble, Battery OK</td>
</tr>
<tr>
<td>Red Steady</td>
<td>Armed</td>
<td>AC Power OK, Battery OK</td>
</tr>
<tr>
<td>Red/Blue Alternate</td>
<td>Armed</td>
<td>AC Power OK, Battery Trouble</td>
</tr>
<tr>
<td>Red Blinking</td>
<td>Armed</td>
<td>AC Power Trouble, Battery OK</td>
</tr>
</tbody>
</table>
**Proximity Card Reader**
Your keypad provides a built-in proximity card reader located behind the power/armed LED. Present your proximity card or keyfob here to disarm your system.

**Interactive Shield**
The interactive shield allows arming and disarming from the home screen. Depending on your system type, you will see either the All/Perimeter or Home/Sleep/Away options when you press the shield to arm your system.

- **All**
  This arming type arms both the perimeter and the interior of your home. Use this when you are leaving the house and no one will remain inside.

- **Perimeter**
  This arming type arms just the perimeter of your home. Use this when you are staying home, but would like to arm your exterior doors and windows.

- **Home**
  This arming type arms the perimeter of your home. Use this when you are staying home, but would like to arm your exterior doors and windows.

- **Sleep**
  This arming type arms the perimeter of your home, as well as a portion of the interior. Bedrooms and nighttime parts of your home are left unarmed, allowing you to access parts of your home during the night. Other areas of the house that are not used at night are armed.

- **Away**
  This arming type arms the perimeter, interior, and bedrooms. Use this when you are leaving the house and no one will remain inside.
Using the Keypad

Command (CMD)
Use CMD to move forward through each section of the user menu. You can also press CMD to save information you have just entered.

Back Arrow
Use the back arrow to back up one step while in the user menu. You can also press the back arrow once to erase the last character you entered.

Select Areas
Your keypad has a top row of select areas. Each time you press a select area, the keypad displays a function or series of options.

When there are more than four options available, press CMD to display the remaining options. Pressing the back arrow allows you to review the previous four choices.

Standard Keyboard
- Press ABC to enter uppercase letters.
- Press abc to enter lowercase letters.
- Press !@# to enter symbols.
- Press 123 to enter numbers and to return to the number pad.

![Standard Keyboard](image)
Number Pad
1. Choose a letter or symbol from the table.
2. Identify the correlating number key and enter it in the keypad.
3. Identify the select area for that number and press that select area on the keypad.
4. When your letter or symbol displays on the keypad, return to Step 1 or press CMD if you are finished.
## KNOW YOUR SYSTEM TYPE

Your system operates in one of the following ways:

<table>
<thead>
<tr>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>In an Area (A) system, your burglary protection is divided into up to six areas. Each area can have a custom name, be turned on or off, and limit access to only those users with proper authority.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>All/Perimeter</th>
</tr>
</thead>
<tbody>
<tr>
<td>In an All/Perimeter (All Perim) system, the building is divided into 2 main areas:</td>
</tr>
<tr>
<td>All</td>
</tr>
<tr>
<td>Arms both the perimeter and interior.</td>
</tr>
<tr>
<td>Use when no one is inside.</td>
</tr>
<tr>
<td>Perimeter</td>
</tr>
<tr>
<td>Arms just the perimeter of the building.</td>
</tr>
<tr>
<td>Use when you’re inside.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Home/Sleep/Away</th>
</tr>
</thead>
<tbody>
<tr>
<td>In a Home/Sleep/Away (H S A) system, the building is divided into 2 or 3 areas: perimeter, interior, and bedrooms.</td>
</tr>
<tr>
<td>Home</td>
</tr>
<tr>
<td>Arms the perimeter.</td>
</tr>
<tr>
<td>Use when you’re inside.</td>
</tr>
<tr>
<td>Sleep</td>
</tr>
<tr>
<td>Arms the perimeter and a portion of the interior.</td>
</tr>
<tr>
<td>Use to leave the bedroom areas unarmed.</td>
</tr>
<tr>
<td>Away</td>
</tr>
<tr>
<td>Arms the perimeter, interior, and bedrooms.</td>
</tr>
<tr>
<td>Use when no one is inside.</td>
</tr>
</tbody>
</table>
ARM YOUR SYSTEM

**Area**
1. Press and release the shield on a Graphic Touchscreen Keypad to open the arming options screen or press CMD on an LCD Keypad until ARM DISARM displays.
2. Select ARM. The keypad displays ALL? NO YES.
3. To arm all areas, select YES. To arm selected areas, select NO. The keypad displays each area you have access to. Select YES to arm the areas and NO to leave the area disarmed.

**All/Perimeter**
1. Enter your user code and the keypad displays PERIM ALL.
2. Select ALL to arm all areas. The keypad displays ALL SYSTEM ON. Select PERIM to arm only the perimeter. The keypad displays PERIMETER ON.

**Home/Sleep/Away**
1. Enter your user code and the keypad displays H S A.
2. Select HOME if you’re staying inside the building, leaving the interior disarmed and arming the exterior. Select SLEEP to leave the bedroom areas disarmed, arming the interior and exterior areas. Select AWAY if no one will remain inside the building. Select GUEST to arm the guest areas.
**More Arming Options**

**Instantly Arm Your System**
1. Press and release the shield on a Graphic Touchscreen Keypad to open the arming options screen or press CMD on an LCD keypad until ARM DISARM displays.
2. Select INSTANT. This overrides the entry and exit delay, instantly arming your system.

**Bypass Zones**
If a problem exists on any zone, the zone name and problem display, followed by OK BYPASS STOP.
- Press OK to force arm the zone. The zone will re-arm when it’s restored.
- Press BYPASS to ignore the zone before arming. Panic, emergency, fire, flood detector, and temperature sensor zones cannot be bypassed.
- Press STOP to stop your system from arming. This allows you to correct the zone, return to the keypad, and restart the arming process.

**Extend Schedules**
When a schedule is active, you can extend the schedule to a later time. When arming your system, the keypad displays LATE or CLOSING TIME!.
1. Press any select key or area. The keypad displays ENTER CODE.
2. Enter your user code and press CMD or present your credential to a card reader.
3. The keypad displays 2HR 4HR 6HR 8HR. Select the number of hours to extend the schedule.

**Note:** Panic, emergency, fire, flood detector, and temperature sensor zones cannot be bypassed.
How to Handle an Alarm

Enter your user code or present your credential to the keypad if it has a built-in proximity reader. You will see:

**IS THIS A FALSE ALARM? YES NO or CANCEL VERIFY**

**Real Alarm**
Press **NO** or **VERIFY** to notify the emergency monitoring station. Your system will remain armed.

**False Alarm**
Press **YES** or **CANCEL** to cancel the alarm. Your system will disarm.

**Disarm Your System**

1. Press the shield on the Graphic Touchscreen Keypad and enter your user code to disarm your system or press **CMD** on the LCD Keypad until **ARM DISARM** displays.
2. Select **DISARM**. The keypad displays **ALL? NO YES**.
3. Select **YES** to disarm all areas. Select **NO** to disarm individual areas and select **YES** to disarm the area or **NO** to leave the area armed.
## USING KEYFOBS

<table>
<thead>
<tr>
<th>Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press the key fob button programmed for Arming or Toggle (Arm/Disarm) button. A Red LED two-second acknowledgement indicates All System On. A Green/Red two-second acknowledgement indicates System On with some areas armed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disarm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press the key fob button programmed for Disarming or Toggle (Arm/Disarm) button. A Green LED two-second acknowledgement indicates All System Off.</td>
</tr>
</tbody>
</table>
USER MENU

Description of Each Option

USER CHECKIN
Check-in with the system to indicate arrival on premises.

ZONE ACTIVITY CHECK
Monitor a zone for non-activity.
This could be used for a person living alone to detect when they have not moved about to trip a disarmed zone within a programmed period of time. This feature is optional.
The Zone Activity Check is disabled when a schedule is entered to allow for sleeping hours and is automatically enabled when an area is disarmed.

SENSOR RESET
Resets smoke or glassbreak detectors that have latched during an alarm condition.

OUTPUTS ON/OFF
Turn on or off outputs.

FAVORITES
Activate Favorites.
A maximum of 25 devices can be assigned to each Favorite.

Z-WAVE SETUP
Add, List, Remove, Transfer, and Optimize Z-Wave devices in your system. You can create Z-Wave Favorites, Add, Edit, and Remove Z-Wave devices in Favorites.
A maximum of 140 Z-Wave devices can be added to the system.

WIFI SETUP
Add, remove, or test Wi-Fi service when using the Optional Wi-Fi Module.

BYPASS ZONES
Bypass a zone or reset an already bypassed zone.

ZONE MONITOR
Add or remove a zone from the monitor mode.

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

USER CODES
Add, delete, or change user codes and authority levels.

SCHEDULES
Add, remove, or change system schedules.

DATE AND TIME
Change the Day, Date, or Time that is currently in the system.

DISPLAY EVENTS
View the last 100 events on the XT30 and 200 events on the XT50 that occurred on your system.

SERVICE REQUEST
Send a message to the Central Station requesting service on the alarm system.
**User Check-In**

1. After disarming the system, press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code.
3. At **USER CHECKIN**, press any select key or area. The keypad displays **USER CHECKIN: 22** (22 = user number).
4. The panel sends the Check-in Report containing your account number and user number to the email address or cell phone number.

**Zone Activity Check**

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **ACTIVITY CHECK?**.
3. At this display, press any select key or area. The keypad displays **ENABLE? YES NO**. The default is **YES**.
4. When **NO** is selected, the keypad displays **CHECK DISABLED** for four seconds and then sends the Activity Check Disabled message to the central station.
5. When **YES** is selected, the keypad displays **CHECK ENABLED** for four seconds and then sends the Activity Check Enabled message to the central station.

**Sensor Reset**

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **SENSOR RESET?**.
3. At this display, press any select key or area. The keypad displays **SENSORS OFF** for five seconds followed by **SENSORS ON**.
4. The keypad returns to the status display.
**Outputs On/Off**

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **OUTPUTS ON/OFF?**.
3. At this display, press any Select Key or Area. The keypad displays **OUTPUT: - ON OFF**.
4. Press any select key or area.
5. Enter the output number, then select **ON** or **OFF**.

**Favorite**

**Activating a Favorite**

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **FAVORITES?**.
3. At this display, press any Select Key or Area. The keypad displays **FAVORITE**.
4. Enter a Favorite number from 1-20. Pressing **CMD** activates the Favorite.

**Adding a Favorite**

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **ZWAVE SETUP?**.
3. At **ZWAVE SETUP?**, press any select key or area. The keypad displays **ADD LIST REMOVE**.
4. Press **CMD** again to display **FAV XFER OPT**. Select **FAV** and **FAVORITE NUMBER** is displayed.
5. Enter a Favorite number between 1 and 20 and press **CMD**. If the Favorite number entered is unassigned, **UNUSED** displays. If the Favorite is already assigned, you may change the name or press the back arrow and enter a new number.
6. Press any select key or area and a cursor displays. Enter a Favorite name up to 16 characters. To remove a Favorite, press **CMD** without entering a name.
7. Press **CMD** to save the Favorite and the Favorite name and **ADD EDIT REMOVE** displays.
Add Devices to Favorites
1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Press CMD again to display FAV XFER OPT. Select FAV.
3. When ADD DEL CHG displays, select ADD.
4. When FAVORITE NUMBER is displayed, enter a Favorite number between 1 and 20 and press CMD.
5. The Favorite number displays. Press any top row Select Key or Area and enter a Favorite Name.
6. Press CMD and the Favorite Name and ADD EDIT REMOVE displays.
7. Select ADD.
8. Press CMD to browse your Z-Wave devices.
9. Press any Select Key or Area to assign a device to a Favorite.

Program Devices in Favorites

Lights
Press any Select Key or Area at SETTING and ON OFF DIM displays. Press the Select Key or Area under the desired setting.
- Select ON or OFF to turn a device on or off.
- Select DIM, enter the dim level (1-10) of the device, and press CMD.

Doors
- Doors: Press the select key or area for the desired setting when SETTING: LOCK UNLOCK displays
- Garage Doors: Press the select key or area for the desired setting when SETTING: OPEN CLOSE displays.

Thermostats

Off
1. Select OFF to display FAN SETTING.
2. Press any select key or area. When ON AUTO displays, press the select key for the desired option.

Cool
1. Select CL and press any select key or area.
2. Enter the new temperature and press CMD.

Heat
1. Select HT then press any select key or area.
2. Enter the new temperature and press CMD.
Edit Devices in Favorites
1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Press CMD again to display FAV XFER OPT. Select FAV.
3. At ADD DEL CHG, select CHG.
4. At FAVORITE NUMBER, enter a Favorite number between 1 and 20 and press CMD.
5. The Favorite number and name displays. Press CMD and the Favorite Name and ADD EDIT REMOVE displays.
6. Select EDIT.
7. Press CMD to browse your Z-Wave devices.
8. Press any select key or area to view a device’s settings. Refer to the Lights, Doors, and Thermostat sections on this page to edit your devices.

Remove Devices from Favorites
1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Press CMD again to display FAV ADD DEL CHG displays. Select DEL.
3. When FAVORITE NUMBER is displayed, enter a Favorite number between 1 and 20 and press CMD.
4. The Favorite number and name displays. Press CMD and the Favorite Name and ADD EDIT REMOVE displays.
5. Select REMOVE and the first Z-Wave device stored in the Favorite displays. Remaining devices can be viewed by pressing the CMD key.
6. Press any Select Key or Area to remove the device from the Favorite. REMOVE DEVICE FROM FAV? NO YES displays. When YES is selected, the device is removed from the Favorite.
Z-Wave Setup

Add Z-Wave Devices
1. Press the CMD key until MENU? NO YES displays.
2. Select YES. The keypad displays ENTER CODE. Enter your user code. Press CMD to scroll to ZWAVE SETUP?
3. Press any Select Key or Area. The keypad displays ADD LIST REMOVE.
4. Select ADD.
5. Press the button on the Z-Wave device when PRESS BUTTON ON DEVICE TO ADD displays on the keypad.
6. Press CMD when DEVICE FOUND displays.
7. Press any top row select key or area and name the device.
8. Press CMD to save the device.

Rename Z-Wave Devices
1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Select LIST. Press the CMD key to advance through the list of Z-Wave devices.
3. Press any Select Key or Area to display DEVICE RENAME STATUS.
4. Select RENAME and enter a new device name.
5. Press CMD to save the new Z-Wave device name.

Status of Z-Wave Devices
1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Select LIST to display DEVICE LIST and the first Z-Wave device stored. Press the CMD key to advance through the list of Z-Wave devices.
3. Press any Select Key or Area to display DEVICE RENAME STATUS.
4. Select STATUS. The device name and OKAY display when the device communicates. The device name and FAILED display if the device stored in the system does not communicate.
5. Press CMD and REMOVE FAILED DEVICE displays.
6. Select YES to remove the failed device from your system. Select NO to leave the device in your system.
Remove Z-Wave Devices
1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Select REMOVE.
3. Press the button on the Z-Wave device when PRESS BUTTON ON DEVICE TO REMOVE displays on the keypad.

Transfer Controller
This option allows the transfer of all existing Z-Wave devices that are currently programmed in another manufacturer’s Z-Wave portable controller to your system.

Note: This operation will overwrite all Z-Wave devices that are programmed in your system.

Initiate the transfer at the other manufacturer’s Z-Wave portable controller after starting the transfer on the DMP keypad. Z-Wave devices are not overwritten until the transfer has been initiated at the other manufacturer’s Z-Wave portable controller. The transfer should not be stopped once the process has been initiated from the other manufacturer’s Z-Wave portable controller.

1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Press CMD again to display FAV XFER OPT.
3. Select XFER. The keypad warns you that transferring Z-Wave device information deletes all your Z-Wave devices connected to your system.
4. Select YES to proceed.
5. Initiate the transfer at the other manufacturer’s Z-Wave portable controller. ZWAVE SETUP? displays.

Optimize
This updates communication with all Z-Wave devices. It can be used to re-establish communication after a Z-Wave device has been moved to a different location. Z-Wave devices that fail to communicate during the optimize process are not removed from panel programming.

1. At ZWAVE SETUP?, press any Select Key or Area. The keypad displays ADD LIST REMOVE.
2. Press CMD to display FAV XFER OPT.
3. Select OPT. The keypad displays OPTIMIZE.
4. The keypad will display OPTIMIZE SUCCESS when Z-Wave devices have been retrieved.
**Wi-Fi Setup**

**Use WPS to Connect Your System**
1. Press the WPS button on the Wi-Fi network router to start the pairing operation.
2. Press the **CMD** key until **MENU? NO YES** displays.
3. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **WIFI SETUP?**.
4. Press any Select Key or Area. The keypad displays **WPS LIST MANUAL**.
5. Select **WPS**. When WPS is successful, **CONNECTED** displays. If WPS is unsuccessful, **WPS FAILED RETRY? NO YES** displays. Press **YES** to retry. Press **NO** and **WPS LIST MANUAL** displays.

**List the Available Networks**
1. At the **WPS LIST MANUAL** display, select **LIST** and **SEARCHING** displays.
2. Press **CMD** to view the available Wi-Fi networks.
3. When the desired network displays, press any select key or area to connect. **W/L KEY:***************** displays.
4. If the system is unable to detect the security type, press any select key or area on the keypad and **WEP WPA NONE** displays. Select the desired security type and enter your network password.

**Manually Connect Your System**
1. At the **WPS LIST MANUAL** display, select **MANUAL**.
2. Enter the name of your Wi-Fi network and press **CMD**. **W/L KEY:***************** displays.
3. If the system is unable to detect the security type, press any select key or area on the keypad and **WEP WPA NONE** display. Select the desired security type then enter your network password.

**Test the Network Connection**
1. Select **TEST**. When the test is successful, **CONNECTED** displays. If the test is unsuccessful, **NOT CONNECTED** displays.
2. Press **CMD** to return to **WIFI SETUP?**.
**Bypass Zones**

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **BYPASS ZONES?**.
3. Press any Select Key or Area. The keypad displays **ZONE - RST BYPS**.
   - To reset a zone, enter the zone number and select **RST**. Confirmation will be given when the zone is reset.
   - To bypass a zone, enter the zone number and select **BYP**. Confirmation will be given when the zone is bypassed.

**Zone Monitor (Chime)**

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **ZONE MONITOR?**.
3. Press any Select Key or Area. The keypad displays **PERIM ALL NBR**.
4. Select **PERIM** to place all perimeter zones into Zone Monitor.
   - 4a. The keypad displays **PERIM? ADD RMV**.
   - 4b. Select **ADD** to add all perimeter zones to Zone Monitor.
   - 4c. Select **RMV** to remove all perimeter zones.
5. Select **ALL** to place all zones into Zone Monitor.
   - 5a. The keypad displays **ALL? ADD RMV**.
   - 5b. Select **ADD** to add all Night and Exit zones to Zone Monitor.
   - 5c. Select **RMV** to remove all Night and Exit zones.
6. Select **NBR** to enter a specific zone number for zone monitor.
7. If **NBR** is selected, the keypad displays **ZONE : - ADD RMV**.
   - 7a. Enter any zone number and select **ADD** to add this zone.
   - 7b. Enter any zone number and select **RMV** to remove the zone.
8. The zone number automatically disappears and a new zone number can then be entered. See step 7.
System Test

1. Press the CMD key until MENU? NO YES displays.
2. Select YES. The keypad displays ENTER CODE. Enter your user code. Press CMD to scroll to SYSTEM TEST?.
3. Press any Select Key or Area. The system test begins automatically and the keypad displays:
   - BELL SOUNDING during a two second bell test
   - KEYPAD SOUNDING during a two second keypad test
   - BATTERY - OKAY or BATTERY - TRBL to indicate the battery condition
   - TRANSMIT TEST * and ATTEMPT NO : 1 during the transmit test
   - TRANSMIT OKAY or TRANSMIT FAILED to show the transmit test results
   - TEST END to indicate the System Test is complete.
4. Press the Back Arrow key to end the system test.

* The transmit test does not occur on local systems.

Testing Your System Burglary Protection:
The System Test function should be part of your weekly testing and should be followed by placing the interior and perimeter burglary devices in Zone Monitor mode. This allows you to open and then close each protected door and window while listening for the keypad to beep confirming its operation.
There are three characteristics associated with each user code that define its capabilities within the system.

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>EXAMPLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Number</td>
<td>22</td>
</tr>
<tr>
<td>User Code</td>
<td>3848</td>
</tr>
<tr>
<td>Authority Level</td>
<td>Master</td>
</tr>
</tbody>
</table>

**User Number**
Each user is numbered from 1 to 30 in an XT30 or 1 to 99 in an XT50 panel. This number identifies them to the system and can be transmitted to the central station when they arm or disarm the system.

**User Code**
Users also have a 4-digit user code they enter into the keypad when arming or disarming. This user code is kept secret from other users and is not transmitted to the central station when they arm or disarm. Users enter only their own user code when operating the system.

**User Names**
Each code may also be programmed with the user name. You may enter up to 16 characters for the name. The user is also assigned a level of authority (Master, Standard, Limited, or Scheduled) by the person administrating the system to determine the functions the user can access. The XT30 allows Master and Standard users while the XT50 allows all levels of authority.

The Scheduled authority level only functions during a valid schedule, except for arming which can be done at any time. Disarming is allowed outside of a schedule, but an **UNAUTHORIZED ENTRY** message is sent to the central station. All other authority levels function regardless of schedules.

The next table lists system functions users are allowed to access based on the authority level assigned to their codes at the time they are added to the system.
<table>
<thead>
<tr>
<th>USER MENU OPTION</th>
<th>SCHEDULED (XT50 ONLY)</th>
<th>LIMITED (XT50 ONLY)</th>
<th>STANDARD (XT30/XT50)</th>
<th>MASTER (XT30/XT50)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door Access</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Arm and Disarm</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Alarm Silence</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>User Checkin</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Zone Activity Check</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Sensor Reset</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Outputs On/Off</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Favorites</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Z-Wave Setup</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Wi-Fi Setup</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Bypass Zones</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Zone Monitor</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>System Test</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>User Codes</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Schedules</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Extend</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Set Time</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Display Events</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Service Request?</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>

Adding User Codes

1. Press the CMD key until MENU? NO YES displays.
2. Select YES. The keypad displays ENTER CODE. Enter your user code. Press CMD to scroll to USER CODES?.
3. Press any Select Key or Area. The keypad displays ADD DEL CHG.
4. Select ADD to add a new user code.
5. At the USER NUMBER prompt, enter a user number and press CMD.
6. The displays changes to CODE NO. Enter the four-digit user code and press CMD.
7. A 16-character name may be entered to identify the user. Press any top row key to clear the current text “user name”. You may then enter the new name. After entering the name press CMD.

For XT30 Panels:
8. The display changes to MASTER? NO YES. Select YES to make this a Master user level with the authority to access all User Menu functions. Select NO to make this a Standard user level. Default is set to NO. Proceed to step 11a.

For XT50 Panels:
8. The display changes to LEVEL: STANDARD.
9. Press any Select Key or Area. The keypad displays SCH LTD STD MSTR.
10. Select the authority level to assign to the user code.
11. The following options can be selected for user codes with non-Master authority levels:

   11a. TEMP CODE NO YES.
        Select NO to make this a permanent user code.
        Select YES to make this a temporary code. The keypad displays TEMP DAYS: -. Enter the number of days (1 to 250) that the temporary use code can operate. Default is seven days. Temporary users are deleted from the system at 12:00 AM on the last day. You can delete a Temporary user code at any time before the programmed period ends.

   11b. AREAS: (Displays in Area systems only).
        Enter the area numbers where this user is to have access. For example: if you want this user to only have access to areas 1 and 2, enter the numbers 1 and 2. Once the correct area numbers display, press CMD.

   11c. ARM ONLY NO YES. Select NO to allow this user to arm and disarm the system and access all Standard level functions in the User Menu. Select YES to restrict this user toarming only. The Arm Only user code can bypass zones not in a normal condition at the time of arming.

12. At the USER CODE IN LOCK? NO display, choose whether or not the user code is stored in all compatible Z-Wave Doors. Press the third top row Select Key or Area for NO or the fourth top row Select Key or Area for YES. Then, press CMD.

   Note: This option is only available for user codes 2-20. Once the user code has been received by the lock, entering it at the lock will lock the door or unlock the door and disarm the system depending on the user’s privileges.

13. After you complete your selections, the keypad displays USER # ADDED.
14. Press the Back Arrow key once to add another user or twice to exit the User Menu.
Changing Your Own User Code
1. At USER CODES?, press any Select Key or Area. The display changes to USER CODE? CODE NO: *****.
2. Press any Select Key or Area. The user code is erased and display changes to CODE NO.
3. Type your new user code. Press CMD. Display will show USER XXXX CHNGD to confirm the change.

Changing User Codes
1. At USER CODES?, press any Select Key or Area. The keypad displays ADD DEL CHG SEND.
2. Select CHG to change a user code.
3. At the USER NUMBER prompt, enter the user number to change and press CMD.
4. The display changes to CODE NO: * * * *. Enter the new user code. If the code you entered is already in use, or is a code used internally by the system, the keypad displays ALREADY IN USE. You must enter a different 4-digit user code.
5. The display then shows the current user name. Press any top row key to clear.
6. If you are changing a code other than your own, the keypad next displays LEVEL?.
7. Press any Select Key or Area. The keypad displays SCH LTD STD MSTR.

Note: Changing a user code does not change the user number. User number 2 may have their user code changed from 1234 to 5678 but they are still user number 2.

Deleting User Codes
1. At USER CODES?, press any Select Key or Area. The keypad displays ADD DEL CHG SEND.
2. Select DEL to delete a user code from the system.
3. At the USER NUMBER prompt, enter the user number you want to delete and press CMD. The display changes to USER # DELETED.
4. The display then changes back to USER NUMBER for you to delete another user. Press the Back Arrow key twice to exit the User Menu.
**Schedules**

**Permanent Schedules**
Permanent schedules are used for automatic arming and disarming and always occur at the same time until you change or delete them.

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **SCHEDULES?** displays.
3. Press any Select Key or Area. The keypad displays **PRM EXT OUT FAV**.
4. Select **PRM**. The keypad next displays the day of the week you want the schedule to start as **SUN MON TUE WED**. Press **CMD** to show the remaining days of the week and then select the start day.
5. The keypad displays **OPENING TIME?**. Press **CMD**. The keypad now displays **MON – : AM PM**. Enter the time you want the burglary protection to be turned off. Use a 12-hour clock only (12:00 to 11:59).
6. Select **AM** or **PM**. The keypad then displays **CLOSING TIME?**. Press **CMD**. The keypad then displays **MON – : AM PM**. If you want the schedule to be for consecutive days, Select **MON** to increment the days of the week. When the correct day is shown, enter the time you want the burglary protection to turn on.
7. To clear a schedule, press **DELETE** and then **AM** when the opening time is requested. Press the Back Arrow key to exit the User Menu.

**Extending a Closing Schedule**

1. At **SCHEDULES?**, press any Select Key or Area. The keypad displays **PRM EXT OUT FAV**. Select **EXT**. The keypad displays **AM PM**.
2. Enter in the new time for the closing schedule to expire.
Output Schedules

Add an Output Schedule

1. At SCHEDULES?, press any Select Key or Area. The keypad displays PRM EXT OUT FAV.
2. Select OUT. At the OUTPUT NO display, enter the output number you want to program.
3. Press the CMD key. The keypad displays SUN MON TUE WED. Press the CMD key to display THU FRI SAT.
4. Select the day you want to program. The keypad displays any ON OFF times set for that day. The keypad then displays DELETE KEEP.
5. Select DELETE to enter new times. The keypad then displays ON TIME?. This is followed by the display AM PM.
6. Enter a new output ON time and select AM or PM. The display changes to OFF TIME?. This is followed by the display AM PM.
7. Enter a new OFF time for the output.
8. Enter all schedule times using a 12-hour clock. For example, to enter 6 AM you would enter a 0 + 6 + 0 + 0 and select AM. For 11 PM you would enter a 1 + 1 + 0 + 0 and select PM.
9. The keypad returns to the day of the week display allowing you to enter another Output schedule.
10. To exit the user menu or to go back to the SCHEDULES? display, press the Back Arrow key.
11. To clear a schedule, press DELETE and then AM.

Add a Sunrise/Sunset Output Schedule

Note: A weather zip code must be entered in SYSTEM OPTIONS for this option to be available.

At SCHEDULES?, press any Select Key or Area.
2. Press CMD to display SUNRISE SUNSET. The keypad displays PRM EXT OUT FAV. Select OUT.
3. At the OUTPUT NO display, enter the output number you want to program. Press the CMD key. The screen displays SUN MON TUE WED. Press the CMD key to display THU FRI SAT.
4. Select the day that you want to set up a schedule on.
5. The keypad displays TURN ON AT. Press the second Select Key or Area.
6. Select SUNRISE or SUNSET and then use the Select Keys or Areas below the - and + to set an offset time. Choose from 5, 10, 15, 30, 45, or 60 minutes before or after sunrise or sunset.
7. Press CMD. The keypad displays TURN OFF AT.
8. Press the second Select Key or Area.
9. Select SUNRISE or SUNSET and then use the Select Keys or Areas below the - and + to set an offset time. Choose from 5, 10, 15, 30, 45, or 60 minutes before or after sunrise or sunset.
10. Press CMD to save the schedule.
Favorite Schedules

Add a Favorite Schedule
1. At SCHEDULES?, press any Select Key or Area.
2. At PRM EXT OUT FAV, select FAV.
3. At the FAVORITE display, enter the Favorite number (1-20) you want to schedule. Press the CMD key.
4. The keypad displays SUN MON TUE WED. Press the CMD key to display THU FRI SAT.
5. Select the day you want to program.
6. a. If a time has not been set for the day selected, the keypad then displays ACTIVATE TIME. This is followed by the display MON - : AM PM. Enter the activate time and select AM or PM. Enter all schedule times using a 12 hour clock. For example, to enter 6 AM you would enter a 0 + 6 + 0 + 0 and select AM. For 11 PM you would enter a 1 + 1 + 0 + 0 and select PM.
   b. If a time has been set for the day selected, the keypad displays Act Time with the time programmed. Press a Select Key or Area to display the DELETE and KEEP options. Select DELETE to enter a new time. Select KEEP to keep the current time setting.
7. The keypad returns to the day of the week display allowing you to enter another Favorite schedule. To exit the user menu or to go back to the SCHEDULES? display, press the Back Arrow key.

Add a Sunrise/Sunset Favorite Schedule
1. At SCHEDULES?, press any Select Key or Area.
2. At PRM EXT OUT FAV, select FAV.
3. Enter the favorite number and press CMD. The screen displays SUN MON TUE WED. Press the CMD key to display THU FRI SAT.
4. Press the day that you want to set up a schedule on.
5. At ACTIVATE AT, press the second Select Key or Area.
6. Select SUNRISE or SUNSET and then use the Select Keys or Areas below the - and + to set an offset time. Choose from 5, 10, 15, 30, 45, or 60 minutes before or after sunrise or sunset.
7. Press CMD to save the schedule.
## Date and Time

1. Press the CMD key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. Press **CMD** to scroll to **TIME?** and press any Select Key or Area.
3. The keypad displays the current day and time. Press the **CMD** key to display the current date. Press the **CMD** key again to make any changes.
4. At **TIME DAY DATE**, select **TIME** to change the time. Enter the current time and select **AM** or **PM**.
5. Select **DAY** to change the day of the week. The keypad displays **SUN MON TUE WED**. If the current day does not display, press the **CMD** key. Select the correct day.
6. Select **DATE** to change the date. The keypad displays:
   - **MONTH**: Enter up to two digits for the month. Press **CMD**.
   - **DAY**: Enter up to two digits for the day. Press **CMD**.
   - **YEAR**: Enter up to two digits for the year. Press **CMD**.
7. When the display returns to **TIME DAY DATE**, press the Back Arrow key to exit the User Menu.

## Display Events

This allows you to view up to 100 (XT30) or 200 (XT50) past events. Any event older than 45 days automatically clears from the system memory. Once the full 100 or 200 events are reached, any new event received clears the oldest event from the list.

## Request Service?

The **REQUEST SERVICE?** option displays if a master code was used to enter the menu.

If your system is monitored by a central station and you need to send a Request for Service report to the central station, press any Select Key or Area while **REQUEST SERVICE?** displays. After the Request for Service report is sent, the keypad displays **REQUEST MADE** for four seconds.

If there is a problem with the telephone line connected to the system, you must contact our service department directly for assistance.
# COMMON KEYPAD DISPLAYS

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

<table>
<thead>
<tr>
<th>MESSAGE</th>
<th>TONE AT KEYPAD</th>
<th>MEANING</th>
<th>POSSIBLE SOLUTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>INVALID CODE</td>
<td>No</td>
<td>The user code you entered is not recognized by the system.</td>
<td>Check the user code and try again.</td>
</tr>
<tr>
<td>CLOSING TIME</td>
<td>Yes</td>
<td>The schedule has expired but the system has not been armed.</td>
<td>Users still on the premises are reminded to arm the system or extend the schedule to a later time.</td>
</tr>
<tr>
<td>AC TROUBLE</td>
<td>Yes</td>
<td>The system is not getting proper AC power.</td>
<td>Contact your service person if other electrical devices in your home are working.</td>
</tr>
<tr>
<td>BATTERY TROUBLE</td>
<td>Yes</td>
<td>The battery is either low or missing.</td>
<td>Contact your service person.</td>
</tr>
<tr>
<td>SYSTEM TROUBLE or SERVICE REQUIRED</td>
<td>Yes</td>
<td>There is a problem with one or more components in the system.</td>
<td>Contact your service person.</td>
</tr>
<tr>
<td>SYSTEM BUSY</td>
<td>No</td>
<td>The system is performing another task with a higher priority.</td>
<td>Wait a few moments for the system to complete the task. Contact your service person if the problem remains.</td>
</tr>
<tr>
<td>4-WIRE BUS TROUBLE</td>
<td>No</td>
<td>• There is not a supervised device on the bus.</td>
<td>Contact your service person.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The voltage is low or there is an open yellow wire.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Two devices share the same address.</td>
<td></td>
</tr>
<tr>
<td>TRANSMIT FAIL</td>
<td>Yes</td>
<td>The panel has attempted to communicate with the central station ten times and has not succeeded.</td>
<td>Make sure your telephone line is working properly. Contact your service person if the problem remains.</td>
</tr>
<tr>
<td>NON-POLLED ADDRESS</td>
<td>No</td>
<td>Keypad is set to an invalid address.</td>
<td>Contact your service person.</td>
</tr>
<tr>
<td>WIRELESS TROUBLE</td>
<td>Yes</td>
<td>• The panel is unable to communicate with the wireless receiver.</td>
<td>Verify the receiver is properly connected to the panel. Verify the correct House Code is programmed in System Options.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The wireless receiver is missing.</td>
<td></td>
</tr>
<tr>
<td>LOBAT</td>
<td>Yes</td>
<td>The Z-Wave Lock device has a low battery.</td>
<td>Contact your service person.</td>
</tr>
<tr>
<td>ZWAVE BUSY</td>
<td>No</td>
<td>Only one keypad at a time can access Z-Wave Setup. If a user attempts to access the menu from a second keypad Z-WAVE BUSY will be displayed.</td>
<td>The user must exit Z-Wave Setup in one keypad before accessing it in a second keypad.</td>
</tr>
</tbody>
</table>
Information furnished is believed to be accurate and reliable.
This information is subject to change without notice.