INSTALLATION AND PROGRAMMING GUIDE

XTLplus

DIGITAL MONITORING PRODUCTS, INC.

MODEL XTLPLUS SERIES
CONTROL PANEL INSTALLATION GUIDE

When using the XT30/XT50 Series control for any listing organization's approved methods, refer to this manual and the XT30/XT50 Installation Guide. These documents outline the installation and programming requirements of all applications for which the XT30/XT50 is approved.

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

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BEFORE YOU GET STARTED

System Configurations

The panel can be programmed to operate as any of the following system types:

► All/Perimeter system that provides one perimeter area and one interior area

► Home/Sleep/Away system that provides one perimeter, one interior, and one bedroom area. The bedroom area provides for any protection devices the user wants disarmed during their sleeping hours and armed as Away.

► Six area system that provides areas of protection that can be independently armed or disarmed.

Caution Notes

Throughout this guide you will see caution notes containing information you need to know when installing the panel. These cautions are indicated with a ⚡ yellow lightning bolt. Whenever you see a caution note, make sure you completely read and understand its information. Failing to follow the caution note can cause damage to the equipment or improper operation of one or more components in the system.

Compliance Instructions

For applications that must conform to a local authorities installation standard or a National Recognized Testing Laboratory certified system, please see *"Listed Compliance Specifications"* for additional instructions.

XTLplus	
Total Number of Zones	99
Number of Possible Hardwired Zones	0
Number of Possible Wireless Zones	99
Number of Areas	6
Event Buffer	200
Number of User Codes	99
Number of Door Access Points	0
Number of Supervised Keypads	7

Onboard Panel Outputs	1-4
51-54	Slow response time wireless outputs and wireless key fobs (activates within 15 seconds)
61-64	Fast response time wireless outputs and wireless key fobs (activates within 1 second)
F1 - F20	Used for Z-Wave favorites

SYSTEM COMPONENTS

CELLULAR COMMUNICATOR CARDS	
265LTE Series Cellular Communicator	Allows you to connect the XTLplus to the Verizon or AT&T LTE network.

DMP TWO-WAY WIRELESS DEVICES	
1100R/1100RE Wireless Repeater	Provides additional range for wireless devices.
1101/1101E Wireless Universal Transmitter	Provides both internal and external contacts that may be used at the same time to yield two individual reporting zones from one wireless transmitter. Provides Disarm/Disable functionality.
1102 Wireless Universal Transmitter	Provides one external contact. Provides Disarm/Disable functionality.
1103/1103E Wireless Universal Transmitter	Provides both internal and external contacts that may be used at the same time to yield two individual reporting zones from one wireless transmitter. Requires EOL resistor for external contact. Provides Disarm/Disable functionality.
1106/1106E Wireless Universal Transmitter	Provides both internal and external contacts that may be used at the same time to yield two individual reporting zones from one wireless transmitter. Provides Disarm/Disable functionality.
1107 Wireless Micro Window Transmitter*	Provides survey capability for window applications.
1108 Wireless Doorbell Module*	Monitors doorbell button presses.
1114 Wireless Four-Zone Expander*	Provides four wireless zones with EOL resisters.
1115 Wireless Temperature Sensor and Flood Detector*	Temperature and flood detector wth an internal temperature sensor. Can be paired with 470PB or T280R remote sensors.
1116 Wireless Relay Output*	Provides one Form C relay.
1117 Wireless LED Annunciator*	Provides a visual system status indicator.
1119 Wireless Door Sounder*	Provides a wireless sounder with integrated door contact.
1122 Wireless PIR Motion Detector*	Provides motion detection with pet immunity.
1126R Wireless Motion Detector*	Ceiling mount motion detector with panel programmable sensitivity and Disarm/Disable functionality.
1127C/1127W Wireless PIR Motion Detector	Wall mount motion detector with panel programmable sensitivity and Disarm/Disable functionality.
1128 Wireless Glassbreak Detector*	Detects the shattering of framed glass mounted in an outside wall and provides full-pattern coverage and false-alarm immunity.
1131 Wireless Recessed Contact*	Provides concealed protection for doors, windows or other applications.
1134 Wireless Access Control Module	Provides wireless access control.
1135/1135E Wireless Siren	Provides a wireless siren.
1136 Wireless Chime	Provides an additional annunciation in installations that benefit form a louder keypad chime, or small multi-family applications where no keypad is installed and the system is controlled from the Virtual Keypad™ App.
1137 Wireless LED Emergency Light*	Provides emergency indoor path lighting.
1139 Wireless Bill Trap*	Provides a silent alarm option for use in cash drawers.
1141 Wireless Wall Button*	One-button wireless transmitter designed to be wall-mounted.
1142BC Wireless Two-button Belt Clip Transmitter	Provides portable two-button panic operation.
1142 Wireless Two-button Panic Transmitter	Provides permanently mounted under-the-counter two-button panic operation.
1144-4 Wireless Key Fob (Four-Button)* 1144-2 Wireless Key Fob (Two-Button)* 1144-1 Wireless Key Fob (One-Button)* 1144-D Wireless Key Fob (Two-Button)*	Key Fob transmitters designed to clip onto a key ring or lanyard.
1148 Wireless Personal Pendant	Wireless emergency transmitter to be worn as a wristband or on a break-away lanyard.
1154 Wireless 4-Zone Takeover Module	Converts up to four existing normally closed, hardwired zones into wireless zones.
1158 Wireless 8-Zone Takeover Module	Converts up to eight existing normally closed, hardwired zones into wireless zones.
1164/1164NS Wireless Commercial Smoke	Battery powered, wireless, low profile, photoelectric smoke detector. The 1164 also offers a synchronized sounder.
1166 Wireless Smoke Ring	Installed with any traditional AC-powered interconnected smoke detector system and provides an audible alert in the event of a fire.
1168 Wireless CO/Smoke Combo Detector	Wireless Carbon Monoxide/Smoke detector.
1183-135F Wireless Heat Detector	Fixed temperature heat detector.
1183-135R Wireless Heat Detector	Fixed temperature and rate-of-rise heat detector.
1184 Wireless Carbon Monoxide Detector	Carbon Monoxide detector.

KEYPADS	
7463 Network Keypad	Network, 32-character LCD keypad.
9000 Series LCD Keypads	Allows you to control the panel from various remote locations.
9862 Wireless Graphic Touchscreen Keypad	Allows you to control the panel from various remote locations.

* These devices have not been investigated and shall not be used in listed installations.

INSTALLATION

Mounting Location Information

A location should be selected that is centrally located between the 1100 Series transmitters used in the installation. Install the XTLplus Series away from metal objects. Mounting the panel on or near metal surfaces impairs performance. When selecting the proper mounting location of a transmitter, refer to the LED Survey Operation section of the specific installation guide for the transmitter being installed.

Mounting the Enclosure

The enclosure for the panel must be mounted using the provided #6 screws in the four mounting holes shown in Figure 1. Mount the enclosure in a secure, dry place away from metal objects to protect the panel from damage due to tampering or the elements. Mount the panel a minimum of 4 feet from any wireless transmitters or repeaters. It is not necessary to remove the PCB when installing the enclosure.

XTLplus

XTLplus Network
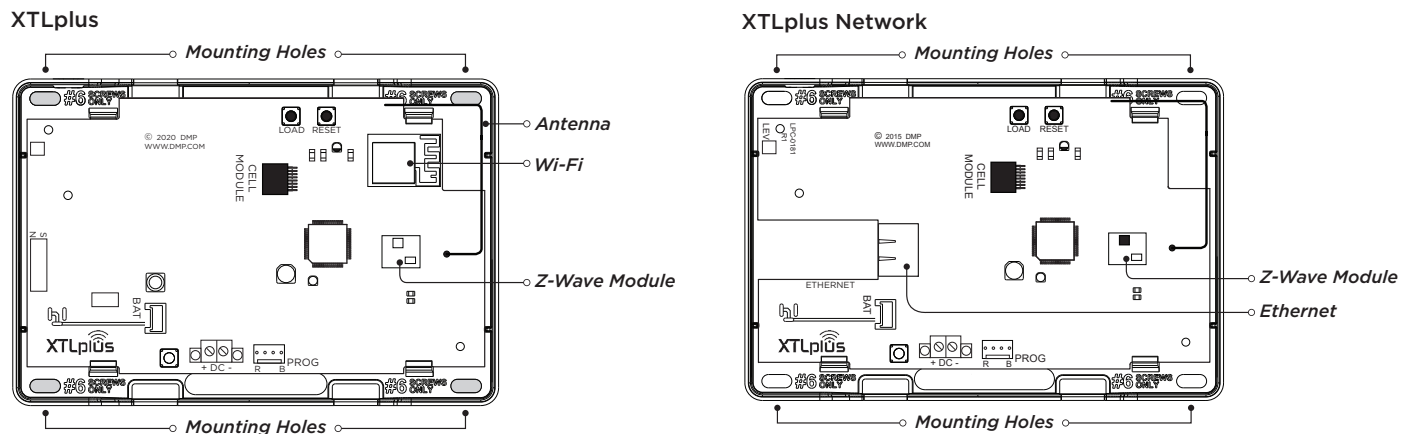
Figure 1: Mounting Hole Locations

Primary Power Supply

DC Input

⚡ **Caution:** Mount the panel near a wall outlet for the Model 372-500-W plug-in DC power supply. In addition to powering the panel, the DC plug-in power supply also charges the back-up battery. The 372-500-W must be located within 100 feet of the panel using 22 AWG wire. Use the following steps to connect the plug-in power supply:

Observe Polarity

1. Using 22 AWG wire, connect the panel DC terminal (+) to the positive terminal on the power supply.

2. Connect the panel DC terminal (-) to the negative terminal on the power supply. See Figure 2.

3. Plug the power supply into a 120 VAC, 60 Hz dedicated outlet not controlled by a switch.

Model 372-500-W DC Plug-in Power Supply

Wire Exits for DC Power Supply

Use 22 AWG for Power Supply connection
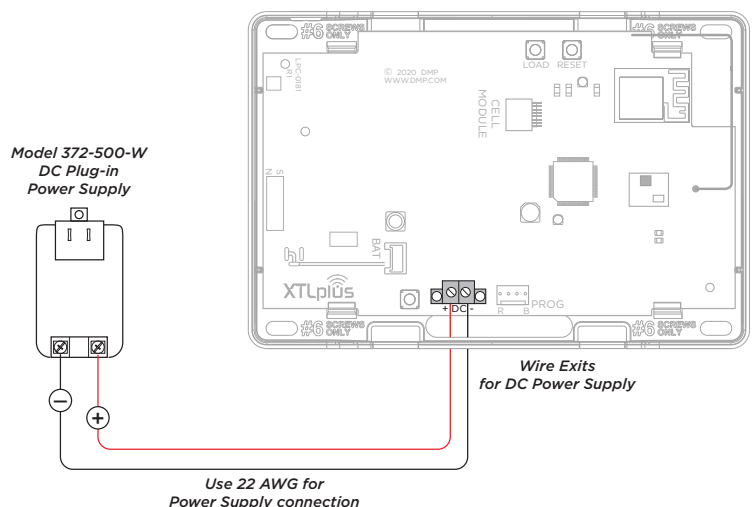
Figure 2: DC Power Supply Connection

Secondary Power Supply

Standby Battery

The XTLplus Series 800 mAh rechargeable battery is used to provide 4 hours of standby battery power when DC power is not available. The battery is intended for backup power only and not to operate the panel on a daily basis. If the battery is low, or not plugged into the BAT battery connector, a low battery condition is indicated by the panel. If 24-hour standby battery power is needed, connect the 3500 mAh battery. See Figure 3.

Note: If removing the panel from service, disconnect the backup battery from the BAT connector.

Replacement

Use the following steps to replace the XTLplus Series standby battery. DMP recommends replacing the battery every 3 years under normal use.

1. Unplug the BAT battery connector from the XTLplus Series panel.
2. Loosen the top PCB snaps.
3. Lean the panel PCB forward and lift out from the bottom PCB snaps.
4. Remove and properly dispose of the used battery.

Caution: Risk of fire, explosion, and burns. Do not disassemble, heat above 212° F (100° C), or incinerate. Properly dispose of used batteries.

5. Place the new battery into the XTLplus Series housing base with the battery wires directed toward the bottom left side. See Figure 3.
6. Set the XTLplus Series PCB into the bottom snaps and press into the top snaps to secure in place.
7. Plug the battery into the BAT panel connector.
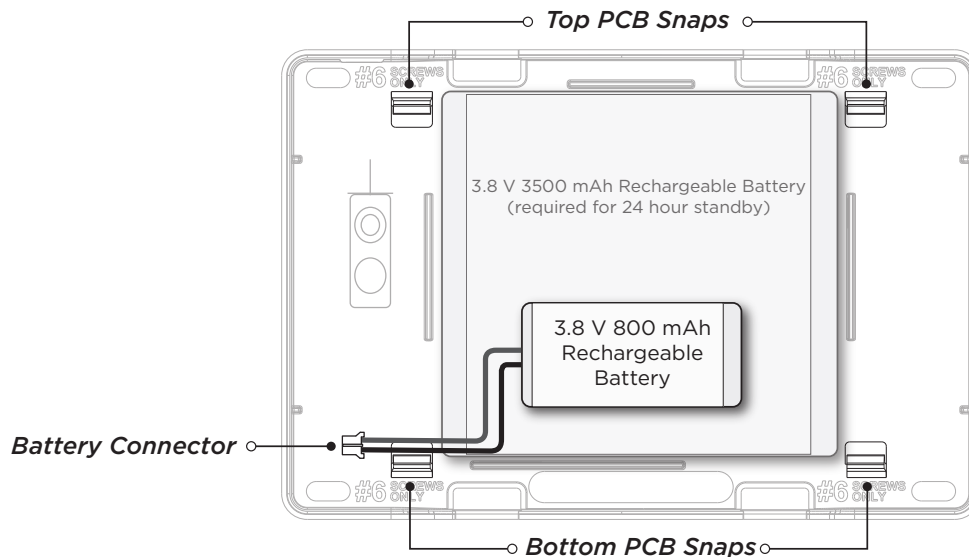
Figure 3: Standby Battery Replacement

Battery Supervision

The panel tests the battery once every hour when DC power is present. This test occurs 15 minutes past each hour and lasts for five seconds. A load is placed on the battery and if the battery voltage is low, a low battery is detected. If DC power has failed, a low battery is detected any time the battery voltage falls below 3.7 V.

LED Operation

Backlight Logo

The backlit logo indicates the Power and Armed status of the panel. Depending on the operation, the LED displays in Red or Green as listed in the table.

COLOR	ACTIVITY	OPERATION
Green	Steady	Panel Disarmed, Primary Power OK, Battery OK
Green	Blinking	Panel Disarmed, Primary Power OK, Battery Fault
No Light		Panel Disarmed, Primary Power Fault, Battery OK
Red	Steady	Panel Armed, Primary Power OK, Battery OK
Red/Green	Alternate Colors	Panel Armed, Primary Power OK, Battery Fault
Red	Blinking	Panel Armed, Primary Power Fault, Battery OK

RESET Button

The RESET button is located on the top of the circuit board and is used to reset the panel. To reset the panel prior to reprogramming, press the RESET button without powering down the system. After resetting the panel, begin programming within 30 minutes. If you wait longer than 30 minutes, you must reset the panel again. See Figure 4 for the RESET button location.

TAMPER Button

The tamper button is pressed when the cover of the panel is secured onto the enclosure. When the cover is removed, the panel sends a Tamper Trouble message to the Central Station.

PROG Programming Connection

Onsite programming can be completed using an associated wireless keypad or by connecting a hardwired keypad to the PROG header.

On-Board 1100 Series Wireless

Wireless Antenna

The XTLplus Series Wireless Antenna is integrated into the circuit board. The panel's built-in wireless receiver operates with DMP 1100 Series transmitters. See *"System Components"* for a list of accessory devices.

Wireless LED Operation

The wireless LEDs are located in the upper right of the circuit board below the RESET button and function as follows:

▶ Green: The green LED flashes every time the receiver transmits. If the panel is reset or powered off, the green LED is off. Under normal operation, the green LED flashes constantly with no interruption or change.

▶ Yellow: The yellow LED flashes every time the panel receives a message from a programmed wireless transmitter. When a message is sent by a transmitter, typically by pressing or releasing the TAMPER button, the yellow LED should flash indicating that the panel received a message from the transmitter. If the LED never flashes, the transmitter is not getting through to the panel. This could be because of a misprogrammed serial number or the transmitter is too far away. Under normal operation, the yellow LED flashes at every trip of every wireless transmitter and when the transmitters perform their periodic check-in. It is not unusual for this LED to stay off for many minutes at a time when no transmitters are communicating. See Figure 4 for Wireless LED locations.
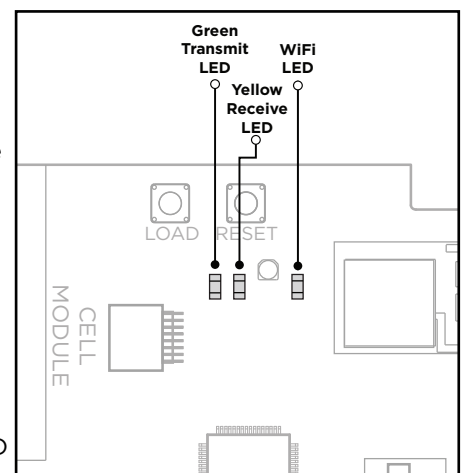
Figure 4: XTLplus Series Wireless LEDs

Wireless Zones

XTLplus Series panels provide 99 wireless zones numbered 1 to 99. A default zone name, zone type, and area assignment are provided for zones 1-48 and can be changed in *"Zone Information"* programming as needed. The defaults are provided as a programming convenience to help reduce installation time.

Wireless Key Fobs and Outputs

XTLplus Series panels provide 8 wireless key fob or output addresses numbered 51 to 54 and 61 to 64. A default name is provided as a programming convenience to help reduce installation time. The default names are described in the programming sections of this guide and can be changed in *"Output Setup"* or *"Zone Information"* programming as needed.

Keypads

Mounting Wireless Keypads

DMP Wireless keypads have removable covers that allow the base to be mounted on a wall, desk stand, or other flat surface using the screw holes provided on each corner.

Associating Keypads

Associate up to seven DMP 9060 or 9063 Wireless LCD Keypads or 9862 Graphic Touchscreen Wireless Keypads to the XTLplus panel, or one 7463 Network Keypad.

Flash LOAD Button

The XTLplus Series panel software can be updated via the panel's PROG programming header. To update the panel with a new software version, complete the following steps at the protected premises:

Model 399 Cable

1. Connect a DMP 399 Cable from the PROG header to the serial port of your PC operating Remote Link and containing the XTLplus Series RU file.
2. Start Remote Link and create or open the control panel account that matches the panel to be updated.
3. Set the Connection Information Type to Direct with a baud rate of 38400 and choose the appropriate COM port.
4. Select **Panel** > **Remote Update**, then select the correct RU file for the panel.
5. Press and hold the LOAD button, then press and release the RESET button.
6. Release the LOAD button and click **<Update>** in Remote Link.
7. After the software update is completed, remove the 399 cable and press the RESET button to resume normal panel operation.

Model 401 USB Flash Module

1. Press and hold the Reset (S1) button.
2. Connect the USB flash drive containing the firmware file to the Model 401 and connect the assembly to the panel's PROG header and press the button on the model 401 one time.
3. With your finger still on the Reset button, press and hold the LOAD (S2) button then release the Reset button.
4. Press and release the button on the 401. The green LED on the 401 should start a slow flash and run for 5 minutes. If the LED blinks rapidly, the update was not successful. Press and release the Reset (S1) button to resume normal operation and start again at Step 1.
5. After the green LED starts a slow flash, release the LOAD button.
6. After the firmware version is updated the green LED will be steady.
7. Press and hold the Reset button, remove the 401, then release the Reset button to resume normal operation.

On-Board Z-Wave Connection

The panel features an on-board Z-Wave controller that allows short range radio control of Z-Wave devices that you or your installation company may provide such as: lighting control modules, thermostat controls, doors, and garage doors. Z-Wave Setup allows you to program the system to control the Z-Wave devices from Smartphones using the DMP Virtual Keypad App or from Virtualkeypad.com. The available setup options are: Add, List, Remove, Favorites, Transfer, and Optimize.

On-Board Wi-Fi Network

The XTLplus Series panels connect directly to a Wi-Fi network for TCP communication using a Wireless-B/G connection and use wireless 802.1 1b/g Wi-Fi technology.

Wi-Fi LEDs

The Green Wi-Fi LED is located to the right of the wireless LEDs in the upper right of the circuit board. Wi-Fi LED displays solid when the network is connected and is off when there is no network connectivity. See _"Figure 4: XTLplus Series Wireless LEDs"_ for Wi-Fi LED location.

Cellular Connection

The CELL MODULE header is provided to connect a 265 Series Cellular Communicator. The 265LTE Series provides a fully supervised alarm communication path over the Verizon or AT&T LTE network. The cellular communicator provides an external SMA antenna connection. Refer to the 265LTE Series Cellular Communicator Installation Guide (LT-1703) for complete installation information.

Install the 265 on an XTLplus Series Panel

1. Place the antenna onto the SMA connector and twist the antenna until it is securely tightened on the 265.
2. Keep the 265 parallel to the XTLplus PCB and slide it into the 8-pin CELL MODULE connector.
3. Fully seat the 265 and snap its standoff hole onto the standoff pin on the XTLplus.
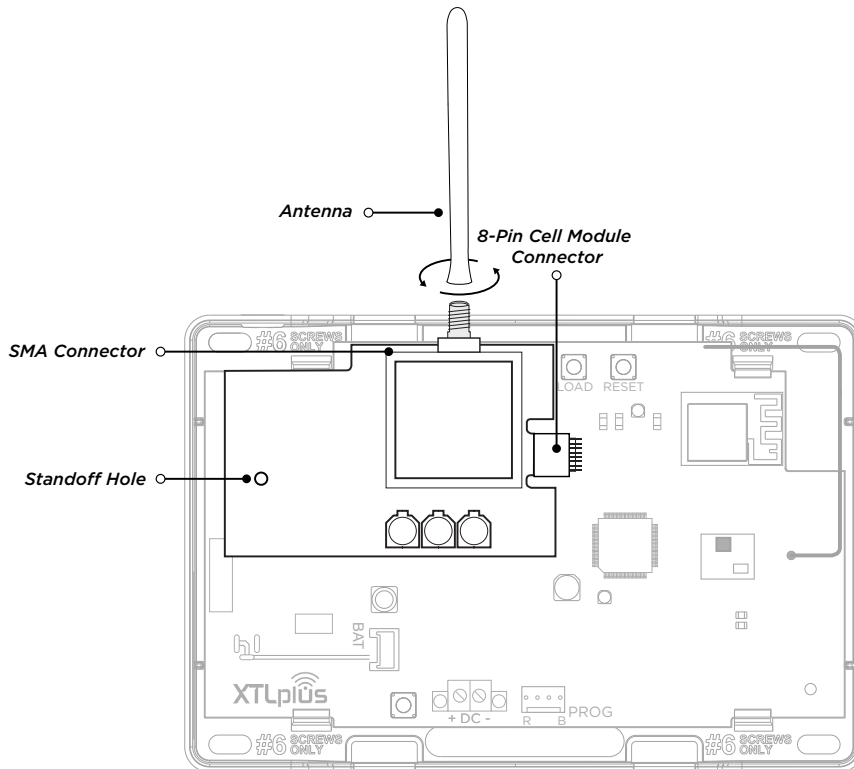
Figure 5: 265 Installed on the XTLplus

On-Board Network Connection

The XTLplusN panels connect directly to a hardwired network for TCP communication using an ethernet cable.

Network LEDs

Two LEDs are located on the Ethernet jack. The green LED indicates data sent to the panel. The yellow LED indicates the speed of the transmission. A solid yellow LED indicates the network is connected at 100 Base-T. A flashing yellow LED indicates the network is connected at 10 Base-T.

GET READY TO PROGRAM

Before starting to program, we recommend you read through the contents of this manual. The information in this document allows you to learn the programming options and operational capabilities of the XTLplus Series panel. You should also be familiar with the following XTLplus documents:

- ▶ XTLplus Series User's Guide (LT-1442)
- ▶ XTLplus Series Fast Programming Sheet (LT-1441F)
- ▶ XTLplus Series Programming Sheet (LT-1441)

Panel programming can be done from a hardwired or wireless keypad as well as from the Dealer Admin™ or Tech APP™.

Ground Yourself

⚡ **Caution:** Ground yourself before handling the panel. Touch any grounded metal before touching the panel to discharge static. The panel should be completely installed before you begin programming. Make sure the AC and battery wires are correctly installed.

Auto WPS

Press the WPS button on your router within 5 minutes of powering the panel to automatically connect to Wi-Fi.

Wireless Keypad Auto Pairing

This allows you to skip the *"Wireless Keypad Association"* process and automatically connect your keypad to the panel. Auto pairing is only available for 9800 Series Wireless Graphic Touchscreen Keypads (Version 109 or higher) that do not have a previously assigned house code. Up to seven wireless keypads are allowed on each panel.

To pair a 9800 Series keypad, power up both the panel and the keypad. A 10-minute pairing timer begins. The auto pairing process starts immediately and the keypad displays Pairing Keypad With System. If the panel acquires the keypad during that time, the home screen displays signaling that pairing is complete.

If the panel does not acquire the keypad by the end of the 10-minute pairing timer, the keypad displays Pairing Failed, followed by the Reset screen. Reset your panel and tap the Pair button to restart the pairing process.

If the keypad loses communication with the panel, the **No Communication With System** display appears and provides the option to reattempt pairing.

Wireless Keypad Association

Associate up to seven DMP 9060 or 9063 Wireless LCD Keypads or 9862 Graphic Touchscreen Wireless Keypads to the XTLplus panel.

Wireless LC Keypad

1. Press and hold the Back Arrow and **CMD** until **SET BRIGHTNESS** displays.
2. Enter the code **3577** (INST) and press **CMD**.
3. Press **KPD RF** to start the RF survey communication. The keypad displays its wireless serial number and **RF SURVEY**.

Wireless Graphics Touchscreen Keypad

1. Access the Options menu through the carousel menu.
2. Press the Installer Options icon.
3. Enter the code **3577** (INST) and press **CMD**.
4. Press **KPD RF** to start the RF survey communication. The keypad displays its wireless serial number and **RF SURVEY**.

Keypad to Panel Connection

After entering the RF Survey, the keypad Power/Armed LED turns Red, indicating communication has not yet been established with the panel receiver.

Press the XTLplus Series RESET button three times allowing the wireless Transmit LED (TX) located near the top of the PCB to begin flashing between each press. When in keypad association, the XTLplus Series Red and Green logo LEDs turn on steady.

For 60 seconds, the panel listens for wireless keypads that are in RF Survey and have not been programmed or associated into another panel.

Wireless keypads are assigned to the first open device position in Device Setup automatically, based upon the order in which they are detected. When successful communication has been established, the Power/Armed LED turns Blue on Graphics keypads or Green on LCD keypads. See the 9000 Series Wireless Keypad Installation Guide (LT-1107) or 9862 Graphic Touchscreen Wireless Keypad Installation Guide (LT-1367) for additional information.

Arming Type Auto Detect (On Select Keypads)

When the XTLplus panel's arming type (A/P, H/S/A, Area) is changed, 9800 Series keypads (Version 109 or higher) will automatically sync their arming type to match the panel. This prevents you from having to manually change the keypad arming type to match the XTLplus panel's settings.

Special Keys

The following special keys are common to all DMP keypads.

Command (CMD) Key	Pressing **CMD** allows you to scroll through the programming menu and through each step of a programming section. As you go through the programming, the keypad display shows any current programming already stored in the panel memory.
Back Arrow (←) Key	Use the Back Arrow key to back up one step while programming. The Back Arrow key is also used when an error is made while entering information. Press the Back Arrow key once to erase the last character entered.
Select Keys or Areas	The top row of keys are called the Select Keys on Thinline and Aqualite keypads or Select Areas on Graphic Touchscreen keypads. Each time you need to press a Select Key or Area, the keypad displays the function or options above one of the Select Keys or in the Select Areas. Displaying choices above individual Select Keys or in Select Areas allows them to be used for many different applications. The Select Keys or Areas allow you to change information currently in panel memory by pressing the Select Key or Area under the display. You then enter the new information using the keypad data entry digit keys. When there are more than four response options available, press **CMD** to display the remaining options. Pressing the Back Arrow key allows you to review the previous four choices. The Select Keys and Areas are also used for choosing a section from the programming menu. When the programming section name you want displays, press any Select Key or Area

Graphic Touchscreen Keypads

When instructed to press the first Select Key, touch Select Area 1; the second Select Key touch Select Area 2; third Select Key touch Select Area 3; and the fourth Select Key touch Select Area 4.

Wireless, Thinline, and Aqualite Keypads

When instructed to press the first Select Key, press the far left Select Key; the second Select Key is the second from the left; third Select Key is second from the right; and the fourth Select Key is the far right key.

Using A Number Pad

1. Choose a character from the table.
2. Identify the number the character correlates with and press it on the number pad.
3. Identify the Select Key or Area for that character and press that Select Key or Area on the keypad. Press that Select Key or Area again to access the uppercase letter.

When the desired character displays on the keypad, return to Step 1 to enter another character or press **CMD** if finished.

NUMBER	SELECT KEY OR AREA			
	1	2	3	4
1	A	B	C	([{
2	D	E	F	)] }
3	G	H	I	! ^ ~
4	J	K	L	? " |
5	M	N	O	/ \ `
6	P	Q	R	& $
7	S	T	U	@ %
8	V	W	X	, =
9	Y	Z	space, :	_ ;
0	-, +	., '	*, <	# >

Table 1: Select Keys or Areas

Using A Graphic Touchscreen Keypad

▶ Press **ABC** to access uppercase letters.

▶ Press **abc** to access lowercase letters.

▶ Press **!@#** to access symbols.

▶ Press **123** to access the number pad.

📝 **Note:** Not all keypad prompts accept letters and/or symbols. For example, pressing **P** on the **ENTER CODE** prompt could display a **6** on the keypad.
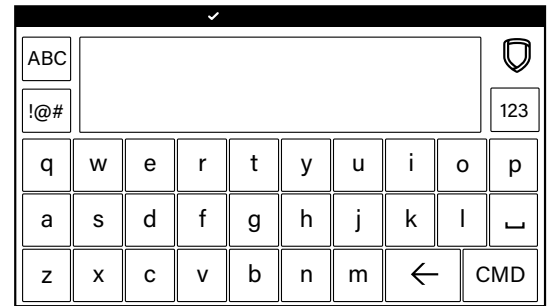
Figure 6: Graphic Touchscreen Keypad Screen

Keypad Displays Current Programming

Each programming option displayed at the keypad shows the currently selected option in the panel memory. These options are either shown as a number, blank, or a **NO** or **YES**. To change a number or blank to a new number, press any 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 the number when you press **CMD**.

To change a programming option that requires a **NO** or **YES** response, press the Select Key for the response not selected. For example, if the current option is selected as **YES** and you want to change it to **NO**, press the third Select Key. The display changes to **NO**. Press **CMD** to display the next option.

Access the Programmer

To access the programmer function of the XTLplus Series panel from a connected keypad:

1. Use a standard LCD keypad, connect to the PROG header, and set the keypad to Address 1.

2. Press the RESET button for two seconds.

3. Enter the code **6653** (PROG). The keypad displays **PROGRAMMER**.

Press **CMD** to scroll through the programming menu. To select a section for programming, press any Select Key or Area when the name of that section displays on the keypad. The detailed instructions for each programming step are found in sections **NETWORK OPTIONS** to **STOP** of this manual. Remove the hardwired keypad when programming is completed.

Access the User Menu

XTLplus Series panels ship with a unique four-digit default master code. This master code is generated using an algorithm based off of the last four digits of the serial number to ensure that it cannot be duplicated. This code can be modified or deleted. In order to revert back to the default code **99**, use the initialize code option found in panel programming.

To access the user menu of the XTLplus Series panel from a connected keypad:

1. Press **CMD** until **MENU? NO YES** displays and select **YES**.

2. Enter the user code and press **CMD**. Defaul is **99**.

3. Press **CMD**. to scroll through the menu.

Reset Timeout

The panel has a feature that requires you to enter the Programmer within 30 minutes of resetting the panel. After 30 minutes, entering the **6653** (PROG) code causes the keypad to display **RESET PANEL**. You must reset the panel and enter the program code within the next 30 minutes.

If you are already in the Programmer and do not press any keys on the programming keypad for 30 minutes, the panel terminates programming. All data entered up to that point is saved in the panel's memory.

To exit programming, use the Stop function. It is the second to the last option in programming. The programming is saved and the keypad returns to the Status List.

INITIALIZATION

INITIALIZATION

Initialization

This function allows you to set the panel's programmed memory back to the factory defaults.

After you select **YES** to clear a section of memory, the panel asks if you are sure you want to clear the memory. This is a safeguard against accidently erasing part of your programming. No memory is cleared from the programming until you answer **YES** to the **SURE? YES NO** option.

CODES?	NO	YES

Clear All Codes

NO leaves existing user codes intact.

YES clears the user code memory and assigns the user code number 99 to user 99 on the XTLplus.

SCHEDS?	NO	YES

Clear All Schedules

NO leaves existing schedules intact.

YES clears all schedules from the XTLplus programming.

EVENTS?	NO	YES

Clear Events

NO leaves existing event memory intact.

YES clears all event memory currently held in the panel's Display Events buffer.

ZONES?	NO	YES

Clear Zone Programming

NO leaves existing zone information intact.

YES sets all zones in the system to **UNUSED**.

COMM?	NO	YES

Clear Communication

NO leaves existing communication and messaging programming intact.

YES resets communication and messaging programming to factory defaults.

CLEAR WIFI	NO	YES

Clear Wi-Fi

NO leaves existing Wi-Fi programming intact.

YES resets Wi-Fi programming to factory defaults.

DEFAULTS?	NO	YES

Set to Factory Defaults

Only use this procedure when the network primary controller is missing or otherwise inoperable.

NO leaves the remainder of the existing panel programming intact.

YES sets the panel's programming back to factory default selections. Selecting **YES** does not clear the panel's event memory, zones, user code information, or schedules.

FAST PROGRAMMING

```
┌─────────────────────────┐
│                         │
│   FAST PROGRAM          │
│                         │
└─────────────────────────┘
```

Fast Program
The Fast Program section allows you to quickly configure the essential settings for the XTLplus Series panel. When the panel programming defaults are acceptable for installation and only basic programming options are needed, FAST PROGRAM allows the installer to quickly enter information without navigating through all of the programming menus.

```
┌─────────────────────────┐
│                         │
│  ACCOUNT NO:            │
│                         │
└─────────────────────────┘
```

Account Number
Enter the account number sent to the receiver. The range of account numbers are 1 to 65535. For account numbers of four digits or less, you do not have to enter leading zeros. The panel automatically right-justifies the account number. See *"Communication"*.

```
┌─────────────────────────┐
│  FIRST IP ADDR          │
│  0.0.0.0                │
└─────────────────────────┘
┌─────────────────────────┐
│  FIRST IP ADDR          │
│  WPS?          NO  YES  │
└─────────────────────────┘
```

First IP Address
Enter the first (primary) IP address which is Central Station's IP Address and press **CMD**. The panel displays WPS? NO YES. Press the fourth Select Key or Area to choose YES. Press the WPS button on the router. WIFI SETUP SEARCHING displays until connected to the IP address. Advance to APP Key. See *"Communication"*.

```
┌─────────────────────────┐
│                         │
│  APP KEY                │
│                         │
└─────────────────────────┘
```

App Key
Enter the 8-digit App Key obtained in your Dealer Settings tab in Dealer Admin (dealer.securecomwireless.com). See *"Remote Options"*.

```
┌─────────────────────────┐
│  SYSTEM:   ALL/PERIM    │
│  AREA      A/P  H/A     │
└─────────────────────────┘
```

System
This configures the panel as either a six-Area system, an All/Perimeter system (Perimeter/Interior), or a Home/Away system (Perimeter, Interior, and Bedrooms). See *"System Options"*.

```
┌─────────────────────────┐
│                         │
│  HRS FROM GMT:       6  │
│                         │
└─────────────────────────┘
```

Hours from GMT
Enter the number (0-23) that indicates the Greenwich Time zone (GMT) where the panel is located. See *"System Options"*.

```
┌─────────────────────────┐
│  ENTER WEATHER          │
│  ZIP CODE:           0  │
└─────────────────────────┘
```

Weather Zip Code
Enter the zip code of where the panel is located. See *"System Options"*.

```
┌─────────────────────────┐
│  ENTER SIREN            │
│  SERIAL#:-              │
└─────────────────────────┘
```

Enter Siren Serial Number
Enter the eight-digit serial number for the wireless siren. The siren is automatically set to Output 61. See *"Output Setup"*.

```
┌─────────────────────────┐
│                         │
│  ZONE NO: -             │
│                         │
└─────────────────────────┘
```

Zone Number
Enter the zone number to program. See *"Zone Information"*.

```
┌─────────────────────────┐
│                         │
│   * DEFAULT NAME *      │
│                         │
└─────────────────────────┘
```

Zone Name
Press any Select Key or Area to display the default zone name. To change the default zone name, press any Select Key or Area to clear name. Enter up to 16 characters for the new zone name.

```
┌─────────────────────────┐
│                         │
│  ZONE TYPE: -           │
│                         │
└─────────────────────────┘
```

Zone Type
To change the default zone type press any Select Key or Area. See *"Zone Information"*.

```
┌─────────────────────────┐
│                         │
│  AREA: -                │
│                         │
└─────────────────────────┘
```

Area Assignment
To change the default area, press any Select Key or Area.

```
┌─────────────────────────┐
│                         │
│  SERIAL #: -            │
│                         │
└─────────────────────────┘
```

Serial Number Entry
Enter the 8-digit serial number, including leading zeros, found on the wireless device.

STOP

Stop

When all zones are programmed, press the Back Arrow key to display FAST PROGRAM. Press **CMD** to display STOP and press any Select Key or Area to exit the Fast Program function and save the programming. See *"Stop"*.

Note: All programming options are still available by reentering the programming menu.

COMMUNICATION

```
┌─────────────────────────────┐
│                             │
│      COMMUNICATION          │
│                             │
└─────────────────────────────┘
```

Communication
The Communication section allows you to configure the communication settings for the XTLplus panel. Before entering the communication type, you will enter two global settings.

```
┌─────────────────────────────┐
│                             │
│  ACCOUNT NO:                │
│                             │
└─────────────────────────────┘
```

Account Number
Enter the account number sent to the receiver. The range of account numbers are 1 to 65535. For account numbers of four digits or less, you do not have to enter leading zeros. The panel automatically right-justifies the account number.

```
┌─────────────────────────────┐
│                             │
│  XMIT DELAY:          30    │
│                             │
└─────────────────────────────┘
```

Transmission Delay
Enter the number of seconds (15 to 45 seconds) the panel waits before sending burglary alarm reports to the receiver. The wireless siren and relay outputs are not delayed during this period. Enter 0 (zero) to disable this function. The default is **30**.

```
┌─────────────────────────────┐
│                             │
│  COMM TYPE:       CELL      │
│  WIFI CEL NET NONE          │
└─────────────────────────────┘
```

Communication Type
This specifies the communication method the panel uses to contact the receiver. Press any Select Key or Area to display the following communication options:

▶ **WIFI**: Network communication to DMP Model SCS-1R or SCS-VR Receivers.

▶ **CEL**: This option allows communication over the cellular network using the 265LTE Series Cellular Communicator to DMP Model SCS-1R or SCS-VR Receivers.

▶ **NET**: This option allows communication over an ethernet network connection.

▶ **NONE**: For local systems. Selecting this ends communication programming.

📝 **Note:** If automatic cellular activation is unsuccessful, cellular communication must be activated using the Activate Cell option provided in Diagnostics Function located in the *"Appendix"*.

```
┌─────────────────────────────┐
│                             │
│  BACKUP CELL                │
│              NO   YES       │
└─────────────────────────────┘
```

Backup Cellular
Backup Cellular option is available if COMM TYPE is set for WIFI or NET. The Backup Cellular tries to send the message after the main communication fails for 60 seconds on WIFI. If the backup cellular fails then the message is discarded.

```
┌─────────────────────────────┐
│                             │
│  TEST TIME                  │
│              00:00 AM       │
└─────────────────────────────┘
```

Test Time
Press **CMD** to enter the Test Time. Enter the time of day the panel sends the test report to the SCS-1R Receiver. Use entries between 12:00 to 11:59 and then choose AM or PM.

```
┌─────────────────────────────┐
│                             │
│  TEST DAYS:            1    │
│                             │
└─────────────────────────────┘
```

Test Days
Enter how often the panel test report is sent to the receiver. Enter from 1 to 60 days. Enter zero to disable the test report. Default is **1** (one) day. This option only displays if a test time is entered.

```
┌─────────────────────────────┐
│                             │
│  CHECKIN:              0    │
│                             │
└─────────────────────────────┘
```

Check-In Minutes
Enter the number of minutes (0 or 3-240) between check-in reports. Check-in reports are a method of supervising the panel for communication with the receiver. Entering **0** (zero) disables the check-in option. Default is **0** (zero).

📝 **Note:** If the Cell Check-In option is used, additional cell charges may apply.

```
┌─────────────────────────────┐
│                             │
│  FAIL TIME:          240    │
│                             │
└─────────────────────────────┘
```

Fail Time
This option is only available if 1 or more minutes are entered in the Check-In Minutes above. Fail Time allows the SCS-1R or SCS-VR receiver to miss a defined number of check-ins before logging that the panel is missing. For example, if CHECKIN is 20 minutes and FAIL TIME is 30 minutes, the SCS-1R receiver only indicates a Panel Not Responding message after 30 minutes. The FAIL TIME must be equal to or greater than the CHECKIN minutes. If CHECKIN is 20 minutes, the FAIL TIME must be 20 minutes or more. The maximum FAIL TIME is **240** minutes. Select from 0 or 3-240 minutes.

Closing Wait Operation

Closing Wait operation is activated if FAIL TIME is set to 3 and O/C Reports in System Reports is YES and O/C User reports in Communication Programming is set to YES.

Closing Wait provides a delay time before a monitored system arms until the panel receives an acknowledgment of the closing report from the central station receiver. During the delay, the keypad displays ONE MOMENT.

Once the closing is acknowledged from the SCS-1R receiver, the keypad buzzes for one second and then displays an armed status message. If the primary communication fails, the message LOCAL ALARM ONLY appears.

```
COMM TRBL      NO  YES
```

Send Communication Trouble

Enable communication fail notification by selecting **YES** at COMM TRBL. Select NO to disable. Default is **YES**. If set to **YES**, Comm Troubles will be logged in panel events.

When **COMM TRBL** is **YES** and the panel detects a failure of communication, the panel sends an S72 (Comm Trouble) message through a backup communication method with notification of the failure. If both primary and secondary methods of communication fail, then two S72 messages will be sent via the third communication method, if programmed. When communication is restored, the panel sends an S73 (Comm Restored) message through the primary communication.

Note: If the primary or secondary communication type is Cell, S72, and S73 messages include the cell signal strength as a -dBm value.

```
CELL APN
```

```
SECURECOM400
```

Cell APN

Enter the first APN (Access Point Name). This allows an access point for cellular communication and is used to connect to a DNS network. The APN may contain two lines of 16 characters to equal 32 characters. Default is set to **SECURECOM400**.

```
RECEIVER 1 PROG
```

Receiver 1 Programming

Allows you to set the options for the first receiver the panel attempts to contact when sending reports. The XTLplus supports communication to two receivers.

```
ALARM          NO  YES
```

Alarm Reports

YES enables Abort, Alarm, Alarm Restoral, Alarm Bell Silenced, Ambush, Exit Error, and System Recently Armed reports to be sent to this receiver. Default is **YES**.

```
SPV/TRBL       NO  YES
```

Supervisory/Trouble Reports

YES enables Supervisory, Trouble, Trouble Restoral, Force Armed, Late to Close, and Fault reports to be sent to this receiver. Default is **YES**.

```
O/C USER       NO  YES
```

Opening/Closing and User Reports

YES enables Opening/Closing, Code Changes, and Bypass reports by user to be sent to this receiver. Default is **NO**.

```
TEST RPT       NO  YES
```

Test Report

Enter **YES** to enable the Recall Test report to be sent to this receiver.

```
FIRST IP ADDR
000.000.000.000
```

First IP Address

Enter the first (primary) IP address where the panel sends network or cellular information. Thei is the Central Station's IP Address. Enter all 12 digits and leave out the periods. The periods display automatically. The message is sent using first Cell APN and the first IP Address. If no acknowledgment is received, first Cell APN and the second IP address are used, followed, if needed, by second Cell APN and first and second IP addresses, respectively.

```
FIRST IP PORT
               2001
```

First IP Port

Enter the first IP port number to be used in conjunction with the first IP Address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is **2001**.

```
┌─────────────────────────┐
│ SECOND IP ADDR          │
│ 000.000.000.000         │
└─────────────────────────┘
```

Second IP Address
Enter the second (secondary) IP address where the panel sends network or cellular information. Enter all 12 digits and leave out the periods. The periods display automatically.

```
┌─────────────────────────┐
│ SECOND IP PORT          │
│                    2001 │
└─────────────────────────┘
```

Second IP Port
Enter the second IP port number to be used in conjunction with the second IP address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is **2001**.

```
┌─────────────────────────┐
│                         │
│    RECEIVER 2 PROG      │
│                         │
└─────────────────────────┘
```

Receiver 2 Programming
Allows you to set the options for the second receiver the panel attempts to contact when sending reports. If you select YES for any of the Receiver 2 options, you must have at least one IP address programmed in Receiver 2 programming. Receiver 2 defaults are set to **NO**.

```
┌─────────────────────────┐
│ BACKUP?      NO   YES   │
└─────────────────────────┘
```

Receiver 2 Backup
Select **NO** to allow Receiver 2 to send dual messages to the central station. Select YES to allow Receiver 2 to start receiving messages only when Receiver 1 stops working, and to return to its backup state when Receiver 1 returns to its normal state. The default is **NO**.

```
┌─────────────────────────┐
│ ALARM        NO   YES   │
└─────────────────────────┘
```

Alarm Reports
YES enables Abort, Alarm, Alarm Restoral, Alarm Bell Silenced, Ambush, Exit Error, and System Recently Armed reports to be sent to this receiver. Default is **NO**.

```
┌─────────────────────────┐
│ SPV/TRBL     NO   YES   │
└─────────────────────────┘
```

Supervisory/Trouble Reports
YES enables Supervisory, Trouble, Trouble Restoral, Force Armed, Late to Close, and Fault reports to be sent to this receiver. Default is **NO**.

```
┌─────────────────────────┐
│ O/C USER     NO   YES   │
└─────────────────────────┘
```

Opening/Closing and User Reports
YES enables Opening/Closing, Code Changes, and Bypass reports by user to be sent to this receiver. Default is **NO**.

```
┌─────────────────────────┐
│ TEST RPT     NO   YES   │
└─────────────────────────┘
```

Test Report
YES enables the Recall Test report to be sent to this receiver. Default is **NO**.

```
┌─────────────────────────┐
│ FIRST IP ADDR           │
│ 000.000.000.000         │
└─────────────────────────┘
```

First IP Address
Enter the first (primary) IP address where the panel sends network or cellular information. Enter all 12 digits and leave out the periods. The periods display automatically.

The message is sent using first Cell APN and the first IP Address. If no acknowledgment is received, first Cell APN and the second IP address are used, followed, if needed, by second Cell APN and first and second IP addresses, respectively.

```
┌─────────────────────────┐
│ FIRST IP PORT           │
│                    2001 │
└─────────────────────────┘
```

First IP Port
Enter the first IP port number to be used in conjunction with the First IP Address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is **2001**.

```
┌─────────────────────────┐
│ SECOND IP ADDR          │
│ 000.000.000.000         │
└─────────────────────────┘
```

Second IP Address
Enter the second (secondary) IP address where the panel sends network or cellular information. Enter all 12 digits and leave out the periods. The periods display automatically.

```
┌─────────────────────────┐
│ SECOND IP PORT          │
│                    2001 │
└─────────────────────────┘
```

Second IP Port
Enter the second IP port number to be used in conjunction with the second IP Address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is **2001**.

NETWORK OPTIONS

NETWORK OPTIONS

Network Options

This option is for configuring the desired network settings. This information will be used during communication of messages via network.

Note: IP addresses and port numbers may need to be assigned by the network administrator. When entering an IP, Gateway, or Subnet Mask address be sure to enter all 12 digits and leave out the periods.

WI-FI SETUP

WPS   LIST   MANUAL

TEST

Wi-Fi Setup (XTL+W/XTL+WZ Only)

This option is for connecting to the desired Wi-Fi network and will display only when the Communication Type is set to Wi-Fi. See *"Communication"*. Press any Select Key or Area to select. WPS LIST MANUAL displays. Press **CMD** to display TEST.

► **WPS** automatically connect to a WPS enabled router.

► **LIST** displays the name and signal strength of any Wi-Fi routers in range.

► **MANUAL** enter the name of the Wi-Fi router you wish to connect to.

► **TEST** verifies the connection of your system to the Wi-Fi network.

On Graphic Touchscreen Keypads with Version 110 or higher connected to a panel running Version 172 or higher, a Wi-Fi status icon will display at the top of the keypad when the system is connected to the network.

SEARCHING

WPS

When WPS is selected, SEARCHING displays. Press the WPS button on the Wi-Fi network router to which you are attempting to connect. SEARCHING displays for up to two minutes or until connected to the WPS enabled router. Refer to the router's instruction manual for sending a security key to the XTLplus Series panel.

If the panel fails to connect to the WPS enabled router, WPS FAILED RETRY? NO YES displays. Press the fourth Select Key or Area to RETRY or press the third Select Key or Area to display WPS LIST MANUAL.

SEARCHING

SIGNAL ▌▌▌▌▌▌▌ HOMENET123

List

When **LIST** is selected, SEARCHING displays until any Wi-Fi networks are found in range. Once available Wi-Fi networks are found the keypad displays the name of the SSID (Wi-Fi Network name) and signal strength of each network. Press **CMD** to scroll through the list of available Wi-Fi networks. When the desired network is displayed, press any Select Key or Area to connect.

MANUAL

Manual

This option allows you to enter the desired network name using the keypad. When MANUAL is selected, the current settings display. Press **CMD** to continue with no change. **SECURECOM** is the default.

Enter up to 32 characters for the SSID from the network router to identify the network LAN. The SSID is blank by default. Use the chart below to enter lowercase or special characters. Each successive press of the Select Key or Area gives additional options. For example, to enter Me5%, you would press 5, Select Key or Area 1 (M); press 2, Select Key or Area 2 twice (e); press 5; press 7, Select Key or Area 4 twice (%).

When \ is entered, the keypad displays ¥. When ~ is entered, -> displays.

NUMBER	SELECT KEY OR AREA 1	SELECT KEY OR AREA 2	SELECT KEY OR AREA 3	SELECT KEY OR AREA 4
1	A, a,	B, b	C, c	(, [, {
2	D, d	E, e	F, f	),], }
3	G, g	H, h	I, i	!, ^, ~
4	J, j	K, k	L, l	?, ",	
5	M, m	N, n	O, o	/, \, `
6	P, p	Q, q	R, r	&, $
7	S, s	T, t	U, u	@, %
8	V, v	W, w	X, x	, =
9	Y, y	Z, z	space, :	_, ;
0	-, +	., '	*, <	#, >

Table 2: Entering Lowercase or Special Characters

```
┌─────────────────────────────┐
│         WIFI SETUP          │
│ ENTER SSID                  │
└─────────────────────────────┘

┌─────────────────────────────┐
│ SSID:                       │
│         SSID FOUND          │
└─────────────────────────────┘

┌─────────────────────────────┐
│ SSID:                       │
│      SSID NOT FOUND         │
└─────────────────────────────┘
```

Once the SSID is entered, press **CMD** and SEARCHING displays.

When an SSID is entered for the first time or changed, the panel searches for the SSID entered to ensure communication. The keypad displays SSID FOUND or SSID NOT FOUND. When the SSID is found, the security type is also detected.

Depending on the security type, the SSID might take several seconds to process. If the panel can not connect to the desired network SSID NOT FOUND displays. Press **CMD** and WPS LIST MANUAL displays. Press **CMD** again to display TEST.

```
┌─────────────────────────────┐
│ TEST                        │
│                             │
└─────────────────────────────┘
```

Test
Press the first Select Key or Area to select TEST and the panel will attempt to verify connection of your system to the correct Wi-Fi network. This option allows for testing communication outside of the system's initial set up.

```
┌─────────────────────────────┐
│ W/L SECURITY:               │
│ WPA-PSK                     │
└─────────────────────────────┘

┌─────────────────────────────┐
│ W/L SECURITY:               │
│ WEP   WPA   NONE            │
└─────────────────────────────┘
```

Wireless Security Type
When successful, W/L SECURITY displays. Select the security type based on the network router programming. The default network security type is WPA-PSK. Press any Select Key or Area to display the other security options. The available options are WEP, WPA, and NONE.

- ▶ Press the first Select Key or Area to choose **WEP**
- ▶ Press the second Select Key or Area for **WPA**
- ▶ Press the third Select Key or Area for **NONE**

```
┌─────────────────────────────┐
│ W/L SECURITY:               │
│ WPA-PSK                     │
└─────────────────────────────┘

┌─────────────────────────────┐
│ W/L SECURITY:               │
│ WEP WPA NONE                │
└─────────────────────────────┘

┌─────────────────────────────┐
│ W/L KEY:                    │
│ *****************           │
└─────────────────────────────┘

┌─────────────────────────────┐
│ W/L KEY:                    │
│ -                           │
└─────────────────────────────┘

┌─────────────────────────────┐
│ W/L KEY:                    │
│ *****************           │
└─────────────────────────────┘
```

If the panel is unable to detect the security type, W/L SECURITY with the default security type WPA-PSK displays. If a different security type is required, press **CMD** and WEP WPA NONE displays. Press the Select Key or Area of the desired security type to choose.

When connecting to the Wi-Fi network the panel also detects the security type in use and W/L KEY: *************** displays.

Enter the W/L KEY and the panel performs a connection test and CONNECTING displays. When successful, CONNECTED displays on the keypad. If the panel does not connect to the Wi-Fi network, NOT CONNECTED displays. Press **CMD** to return to the WIFI SETUP main screen.

Wireless Network Key
This option displays only if **COMM TYPE** is set to Wi-Fi and Security option is not set to NONE. Enter the key provided from the network router's programming. WEP requires a network password of 10 characters (WEP64) or 26 characters (WEP128), using a combination of the number 0-9 and the letters A-F. WPA/WPA-PSK uses a custom key that allows 8 to 32 characters (See the table *"Entering Lowercase or Special Characters"* to enter lowercase or special characters). Press **CMD** to save the key.

Note: Depending on the security type, the key might take several seconds to process.

```
┌─────────────────────────────┐
│ DHCP            NO  YES     │
│                             │
└─────────────────────────────┘
```

DHCP
If the panel uses a dynamic IP address, select **YES**. When set to **YES** the panel operates in DHCP and will not use the Local IP Address number. Default is **YES**.

```
┌─────────────────────────────┐
│ LOCAL IP ADDR               │
│         192.168.000.250     │
└─────────────────────────────┘
```

Local IP Address
Enter the local IP address for the panel. The Local IP Address must be unique and cannot be duplicated on the network. The default local IP address is **192.168.000.250**.

```
┌─────────────────────────────┐
│ GATEWAY ADDR                │
│         192.168.000.001     │
└─────────────────────────────┘
```

Gateway Address
Enter the local gateway address. The Gateway IP Address is needed to exit the local network. The default gateway address is **192.168.000.001**.

```
SUBNET MASK
        255.255.255.000
```

Subnet Mask
Enter the local subnet mask assigned to the panel. The default subnet mask address is **255.255.255.000**.

```
DNS SERVER
        192.168.000.001
```

DNS Server
Enter the IP address of the DNS (Domain Name System) used by the panel to resolve domain names into IP addresses. The default address is **192.168.000.001**. The DHCP programming in the panel must be set to NO.

```
PROGRAMMING PORT
                   2001
```

Programming Port
Enter the programming port number. The programming port identifies the port used to communicate messages to and from the panel. The default Programming Port setting is **2001**.

DEVICE SETUP

```
┌─────────────────────────────┐
│                             │
│   DEVICE SETUP              │
│                             │
└─────────────────────────────┘
```

Device Setup
This section allows you to define the XTLplus panel wireless device configuration, including a door, 1100T Wireless translator, wireless devices, or keypads. You can install and address up to seven wireless devices.

```
┌─────────────────────────────┐
│                             │
│   DEVICE NO:-               │
│                             │
└─────────────────────────────┘
```

Device Number
Enter the device number of the wireless device you are programming. The valid range is 2-8.

Note: Address one is reserved for the XTLplus programming keypad attached during programming.

```
┌─────────────────────────────┐
│                             │
│   * UNUSED *                │
│                             │
└─────────────────────────────┘
```

Device Name
This section allows you to define a 16-character alphanumeric name for the device number. If no name is entered, UNUSED is displayed.

To remove a device from the system, delete the device name by pressing any Select Key or Area, then press **CMD**. The device name is now displayed as UNUSED.

```
┌─────────────────────────────┐
│   DEVICE SETUP              │
│   DOOR?          NO  YES    │
│                             │
└─────────────────────────────┘
```

Door Device Type
When YES is selected, the door device type can be viewed and managed from Virtual Keypad. This includes 1134 devices. Default is **NO**.

```
┌─────────────────────────────┐
│                             │
│   NETWORK?       NO  YES    │
│                             │
└─────────────────────────────┘
```

Network
Select **YES** to use a 7463 Thinline Network Keypad or an 8860 Touchscreen Keypad over Wi-Fi. Select **NO** to use a wired or wireless keypad. Default is **NO**.

You can install and address up to three Wi-Fi only network keypads. Devices 2-8 may be network keypads connected via ethernet or Wi-Fi.

If the Programming Port in Network Options is set to 0, then up to three Wi-Fi keypads can be connected. If the Programming Port is not set to 0, then only one Wi-Fi keypad can be connected. An error will display if you attempt to connect additional network keypads.

Panel Communication Type	Available Network Keypads (Including Wi-Fi)
Hardwired Network	7 network keypads
Wi-Fi Only	1 network keypad (if **Programming Port** is set to any value)
Wi-Fi Only	3 network keypads (if **Programming Port** is disabled by setting to **0**)

Note: You can only enter panel programming or disable the **Programming Port** on a hardwired keypad when connected to the keypad bus of an XT Series panel.

```
┌─────────────────────────────┐
│                             │
│   1100T?         NO  YES    │
│                             │
└─────────────────────────────┘
```

1100T
The 1100T allows you to use compatible non-DMP wireless with an XTL Series panel. Select **YES** to use an 1100T Wireless Translator. One 1100T Translator is programmable on devices 2-8 per panel. If an 1100T is programmed, you must select **YES** in the Competitor Wireless prompt and enter the Competitor Wireless Serial Number in Zone Information.

```
┌─────────────────────────────┐
│                             │
│   SERIAL#: XXXXXXXX         │
│                             │
└─────────────────────────────┘
```

Enter the 1100T serial number and press **CMD**.

```
┌─────────────────────────────┐
│   1100T FREQ:               │
│   HWL 2GIG INT DSC          │
│                             │
└─────────────────────────────┘
```

Communication frequencies are **HWL** (Honeywell), 2GIG, INT (Interlogix), and DSC. Default is **HWL** (Honeywell).

Select **NO** to move to the next prompt. Default is **NO**.

```
┌─────────────────────────┐
│                         │
│  WIRELESS?      NO  YES  │
│                         │
└─────────────────────────┘
```

Wireless
Select **YES** to use a wireless device. Default is **YES**.

```
┌─────────────────────────┐
│                         │
│  SERIAL#: XXXXXXXX       │
│                         │
└─────────────────────────┘
```

Serial Number
Enter the eight-digit serial number found on the wireless device.

```
┌─────────────────────────┐
│                         │
│  SUPRVSN TIME:     240   │
│                         │
└─────────────────────────┘
```

Supervision Time
Press any top row key to select the supervision time required for the device. Press **CMD** to accept the default time. Default is **240** minutes.

```
┌─────────────────────────┐
│  SELECT MINUTES:        │
│  0        60       240  │
│                         │
└─────────────────────────┘
```

Press the Select Key or Area under the required number of minutes. The device must check in at least once during this time or a missing condition is indicated for that device. Zero (0) indicates an unsupervised wireless keypad.

Note: When the panel is reset, panel is powered down and powered up, or programming is complete, the supervision timer restarts for all wireless devices.

REMOTE OPTIONS

REMOTE OPTIONS

Remote Options
In this section you can enter the information needed for Remote Command and Remote Programming operation through Wi-Fi or Network communication.

RMT KEY:

Remote Key
This option allows you to enter a code of up to eight digits for use in verifying the authority of an alarm or to allow remote connections to perform a remote command/programming session. The receiver must give the correct key to the panel before being allowed access. All panels are shipped from the factory with the Remote Key preset as blank.

To enter a new Remote Key, press any Select Key or Area and enter any combination of up to eight digits. The numbers you enter appear as asterisks. Press **CMD**.

DISARM   NO **YES**

Remote Disarm
Select **YES** to enable the panel to be disarmed remotely. Select NO to disable remote disarming. Default is **YES**.

APP KEY:

App Key (For EASYconnect only)
Enter the 8-digit App Key obtained in your Dealer Settings tab in Dealer Admin (dealer.securecomwireless.com).

This communication option is used to eliminate the need for a static IP address programmed in Network Options.

To enter the App Key, press any Select Key or Area and enter any combination of eight digits.

Press **CMD**. The default for this option is blank.

SYSTEM REPORTS

SYSTEM REPORTS

System Reports
This function allows you to select the reports the XTLplus sends to the receiver.

O/C RPTS **NO** YES

Opening/Closing Reports
NO: No Opening/Closing Reports are sent.

YES: Sends Opening/Closing Reports for each programmed area.

ABORT **NO** YES

Abort Reports
YES allows the panel to send an Alarm Abort Report to the receiver any time an area is disarmed during Transmit Delay before an alarm report is sent and the Bell Cutoff Time has not expired. The area must be disarmed and no zones that were in alarm can still be armed.

YES also allows a Bell Silenced Report to be sent if the alarm bell is silenced with a valid user code during an alarm. Default is **NO**.

> **Note:** Alarm Cancel or Verify Reports are sent if the alarm is canceled or verified after being sent to the alarm receiver, if the Bell Cutoff timer has not expired. The Abort Reports option does not affect Cancel or Verify reports.

The panel will not send Abort reports for Fire zones or Supervisory-type zones.

RESTORAL **YES**

NO YES DISARM

Zone Restoral Reports
This option allows you to specify whether the panel sends zone restoral reports and when they will be sent.

NO: Restoral reports are not sent by the panel.

YES: The panel always sends zone restoral reports at the time the zone restores from an alarm or trouble condition.

DISARM: The panel sends zone restoral reports when a zone that has restored from an alarm or trouble is disarmed. Twenty-four hour zones send restorals immediately.

BYPASS NO **YES**

Bypass Reports
YES allows the panel to send all zone bypass, reset, and force arm reports to the receiver. The bypass report includes the zone number, zone name, and the user number of the individual bypassing the zone.

CODE CHG NO YES

Code Change Reports
YES allows the panel to send all code additions, changes, and deletions to the receiver. The code change report includes the user number added or deleted and the user number of the individual making the change.

SEND STORED MESSAGES? **NO** YES

Send Stored Messages
If a panel loses communication with the receiver, it will store any messages that are not able to be sent while communication was down. Selecting YES allows the panel to send all stored messages to the receiver once communication is restored. The time at which each message was generated is also sent. Default is **NO**.

If the panel is programmed to communicate to a second IP address (IP2), send Stored Messages must be enabled for the panel to send a special check-off message to IP2 once communication is restored to the primary IP address (IP1).

AMBUSH **NO** YES

Ambush
YES allows an ambush report to be sent any time user code number one is entered at a keypad. Selecting **NO** disables the ambush report and allows user code number one to operate the same as all other codes.

```
┌─────────────────────────────┐
│ LATE TO OPEN                │
│ MINUTES:              0     │
└─────────────────────────────┘
```

Late To Open

Enter 1-240 as the number of minutes to elapse that the system may remain armed after the opening time of a schedule without sending a Late To Open message. If the system continues to be armed after the Late To Open minutes expire, a Late To Open message is sent to the central station. Default is **0** (zero), which disables the Late To Open option.

```
┌─────────────────────────────┐
│ EARLY TO CLOSE              │
│ MINUTES:              0     │
└─────────────────────────────┘
```

Early To Close

Enter 1-240 as the number of minutes that the system can be armed prior to the scheduled closing time.

If the system is armed prior to the Early To Close minutes, an Early To Close message is sent to the central station. Default is **0** (zero), which disables the Early To Close option.

```
┌─────────────────────────────┐
│ ENTRY CHECKIN               │
│                 NO   YES    │
└─────────────────────────────┘
```

Entry Check-in Protection

If **YES** is selected, this enables the panel to send a Serial 1 check-in message when an Entry Delay begins. The fail time included in this message is the programmed Entry Delay (rounded up to the nearest minute) plus one minute.

When the System is Disarmed, (either before or after going into Alarm, regardless of Transmit Delay) another check-in message will be sent. The seperate fail time for this check-in message is 0 (zero) if regular check-ins are not programmed and is the normal fail time if check-ins are programmed. During the time frame between the beginning of the Entry Delay and the following check-in message, regular check-in messages are suspended. The default is **YES**.

SYSTEM OPTIONS

SYSTEM OPTIONS

System Options
This section allows you to select system wide parameters used in the operation of the XTLplus Series panel.

SYSTEM: **HOME/AWAY**

AREA   A/P   **H/A**

System
This configures the panel as either a Home/Away system (Perimeter, Interior, and Bedrooms), an All/Perimeter system (Perimeter/Interior), or a six Area system.

Zones must be assigned to Bedrooms for Sleep to appear on the keypad.

CLS CODE   **NO**   YES

Closing Code
When YES is selected, a user code is required for system arming. If **NO** is selected, a user code is not required for system arming. Default is **NO**.

CLS CHK   **NO**   YES

Closing Check
Select YES to enable the panel to verify that all areas have been armed after a schedule ends. If the Closing Check finds any areas disarmed past the scheduled time, all keypads emit a steady beep and display CLOSING TIME. The user must extend the schedule or arm the system within 10 minutes or a Late to Close message is sent to the central station. Default is **NO**.

ENTRY DLY 1:   **30**

ENTRY DLY 2:   **60**

Entry Delay
Enter the entry delay time for all exit type zones programmed to use Entry Delay 1. When an armed Exit type zone is faulted, the keypad prewarn tone begins sounding. ENTER CODE and the name of the zone causing the Entry Delay displays on all keypads. All Burglary type zones in all areas are delayed along with the Exit zone.

When the first digit of a code is entered, the prewarn tone stops at the keypad. If, within five seconds, a valid user code is not entered or an invalid user code is entered, the prewarn tone begins sounding again. Fifteen seconds must elapse before entering a digit silences the prewarn tone again.

The area must be disarmed before the entry delay expires or an alarm is tripped.

Entry delay times can be from 30 to 250 seconds. Repeat the above for Entry Delay 2 if it is being used. Default is **30** seconds for Entry Delay 1.

EXIT DLY 2:   **60**

Exit Delay
Enter the Exit Delay time for all Exit type zones. When the exit delay time starts, all activity on exit and burglary zones is ignored until the exit delay expires. The keypad displays the Exit Delay time countdown and annunciates the Exit Delay tone at 8 second intervals until the last 10 seconds when annunciation is at 3 second intervals. The exit delay can be from 45 to 250 seconds. Default is **60** seconds.

During Exit Delay, if an exit zone trips, then restores, and trips again, the Exit Delay timer restarts. This restart can occur only once.

Exit Error Operation
At arming, when an entry/exit zone (EX) is faulted at the end of the exit delay then one of two sequences occur:

For Entry Delay 1 EX Type Zones
- ▶ The bell sounds for the length of time set in Bell Cutoff programming
- ▶ The Entry Delay operation starts, requiring code entry to disarm
- ▶ If not disarmed, a zone alarm and an Exit Error are sent to the receiver

For Entry Delay 2 EX Type Zones
- ▶ The zone is force armed and a zone force arm message is sent to the receiver
- ▶ An Exit Error is sent to the receiver
- ▶ The bell sounds for the length of time set in Bell Cutoff programming

CRS ZONE TM: 0

Cross-Zone Time

Enter the time allowed between two or more different zone's faults. When a zone programmed for cross zoning faults, the panel begins counting down the Cross-Zone Time entered here. If the same zone or another cross-zoned zone faults within this time, an alarm report is sent to the receiver.

If the Cross-Zone Time expires without the second zone fault, only a zone fault report from the first zone is sent to the receiver. The Cross-Zone Time can be from 4 to 250 seconds in one second increments. Enter 0 (zero) to disable the Cross-Zone Time feature. Default is **0** (zero). See the *"Appendix"*.

PWR FAIL HRS: 1

Power Fail Delay

This option tracks the duration of an AC power failure. The delay time can be from 1 to 9 hours. When the AC power is off for the length of the programmed delay time, an AC power failure report is sent to the receiver. Entering a 0 (zero) sends the AC power failure report within 15 seconds. Default is **1**.

SWGRBYPS TRIPS: 2

Swinger Bypass Trips

Enter the number of times (1-6) a zone can go into fault with a repeated alarm or trouble condition within one hour before being automatically bypassed. Bypassed zones are automatically reset when the area they are assigned to is disarmed. All 24-hour zones are reset when any area of the system is disarmed. A programming Stop operation restores a bypassed zone. Entering 0 (zero) disables this function. Default is **2**.

Note: Not investigated by Intertek.

RST SBYP **NO** YES

Reset Swinger Bypass

When YES is selected, an automatically bypassed zone is reset if it remains in a normal condition for one complete hour after being bypassed. A report of the automatic reset is sent to the receiver if Bypass Reports has been selected as YES. Default is **NO**.

Note: Not investigated by Intertek.

ZN ACTY HRS: 0

Zone Activity Hours

This option provides supervision of a person living alone for non-activity. Enter the number of hours, 0 to 9, allowed to elapse without a disarmed zone being tripped before a message is sent to the receiver. Default is **0** (zero).

When the system is disarmed, the timer begins to countdown the number of hours programmed. Each time activity occurs, the timer restarts the countdown. Before the countdown time expires, the keypad sounds a tone and PRESS ANY KEY displays to allow the user to restart the activity timer. The duration of the tone is the number of seconds programmed for Entry Delay 2.

Select the SUPV/TRBL receiver option in communication programming to send S93 ALARM: User Activity Not Detected, S94 Alert: Activity Check Enabled, and S95 Alert: Activity Check Disabled messages.

When an open/close schedule is programmed, the timer only counts down during the scheduled open period. Also, when a schedule is programmed, if the timer is counting down and the scheduled open time occurs, the timer resets and begins the countdown again.

ARM ACTY DAYS: 0

Arm Activity Days

Select the number of days a countdown timer is set for area arming and disarming activity. The range for the countdown timer is 00 to 99. When the timer counts down to zero because of no arming or disarming activity, the panel sends a "No Arming/Disarming" message to the receiver at 10:00 AM. Each time an area is armed or disarmed, the timer is restarted. When the countdown timer expires because of no arming or disarming activity, and a message is sent, the timer does not restart until a panel reset occurs or an area is armed or disarmed.

The SUPV/TRBL receiver option must be selected in communication programming for the message to be sent.

```
┌─────────────────────────┐
│                         │
│  TIME CHG      NO  YES   │
│                         │
└─────────────────────────┘
```

Time Zone Changes

This option allows the panel to request automatic time changes from the DMP SCS1R Receiver. For the receiver to send time changes, it must be programmed to send time changes and must be receiving time change updates from the host automation computer at least every 24 hours. Default is **YES**.

```
┌─────────────────────────┐
│                         │
│  HRS FROM GMT:      6    │
│                         │
└─────────────────────────┘
```

When time zone is programmed **YES**, enter the number (0-23) that indicates the Greenwich Time zone (GMT) where the panel is located. The default is **6**. See the table below for GMT values.

GMT	CITY/TIME ZONE
0	London, Monrovia, Lisbon, Dublin, Casablanca, Edinburgh
1	Cape Verde Island, Azores
2	Mid-Atlantic, Fernando de Noronha
3	Buenos Aires, Georgetown, Brasilia, Rio de Janeiro
4	Atlantic Time (Canada), Caracas, La Paz, Santiago
5	Eastern Time (US, Canada) Bogota, Lima, Arequipa
6	Central Time (US, Canada), Mexico City, Saskatchewan
7	Mountain Time (US, Canada), Edmonton
8	Pacific Time (US, Canada), Tijuana
9	Alaska
10	Hawaii
11	Midway Island, Samoa
12	Fiji, Marshall Island, Wellington, Auckland, Kwajalein, Kamchatka
13	New Caledonia
14	Guam, Sydney
15	Tokyo, Seoul
16	Hong Kong, Singapore
17	Bangkok, Hanoi
18	Dhaka, Almaty
19	Islamabad, Karachi
20	Abu Dhabi, Kazan
21	Moscow, Bagdad
22	Eastern Europe
23	Rome, Paris, Berlin

```
┌─────────────────────────┐
│                         │
│  TIME DSP      NO  YES   │
│                         │
└─────────────────────────┘
```

Time Display

YES allows the keypad to display the time and day in the Status List. When NO is selected, time and day of the week are not displayed.

```
┌─────────────────────────┐
│                         │
│  HOUSE CODE:        -    │
│                         │
└─────────────────────────┘
```

House Code

A Wireless House Code between 1 and 50 is pre-programmed at the factory. To change the house code, press any Select Key or Area. Enter a House Code from 1 to 50 and press **CMD**. The house code identifies the panel, receiver, and transmitters to each other. When operating, the receiver listens for transmissions that have the programmed house code and transmitter serial number.

```
┌─────────────────────────┐
│                         │
│  DET JAMNG     NO  YES   │
│                         │
└─────────────────────────┘
```

Detect Wireless Jamming

When enabled and the receiver detects jamming, a trouble or alarm message is sent to the receiver and displays in the Status List. Select YES to enable jamming messages to display in the Status List. Select **NO** to disable jamming messages. Default is **NO**.

```
┌─────────────────────────┐
│                         │
│ TBL AUDIBLE:       DAY   │
│                         │
└─────────────────────────┘
```

Trouble Audible Annunciation
This option allows you to choose when trouble audibles will annunciate from the keypad.

```
┌─────────────────────────┐
│                         │
│ ANY   DAY   MIN         │
│                         │
└─────────────────────────┘
```

Press any top row key to select the keypad buzzer annunciation method for wireless low battery and missing messages.

- ▶ Select ANY to enable annunciation anytime.
- ▶ Select **DAY** to enable annunciation except during sleeping hours (9 PM to 9 AM). Default is **DAY**.
- ▶ Select MIN (minimum) to annunciate only Fire and CO zones during daytime hours (9 AM to 9 PM).

```
┌─────────────────────────┐
│ 1100 ENCRYPTION         │
│ NONE    ALL    BOTH     │
│                         │
└─────────────────────────┘
```

Wireless Encryption
Encryption allows the panel to communicate with encrypted 1100 Series wireless devices that are v200 and higher. Select ALL to to allow encryption for all the wireless devices programmed into the panel. Select BOTH to allow both encrypted and non-encrypted wireless devices to be programmed into the panel. Select **NONE** to don't allow encryption for wireless devices programmed into the system. The default is **NONE**.

```
┌─────────────────────────┐
│ 1100 PASSPHRASE         │
│ ********                │
│                         │
└─────────────────────────┘
```

Enter Passphrase
ENTER PASSPHRASE displays if you select ALL or BOTH for wireless encryption. In order for the panel to support encrypted 1100 Series wireless devices, a passphrase must be entered. The passphrase must be an 8-digit hexadecimal number which determines the system's encryption key.

```
┌─────────────────────────┐
│                         │
│ KPD PANCS      NO  YES   │
│                         │
└─────────────────────────┘
```

Enable Keypad Panic Keys
This option allows the two-button panic key operation selected at a keypad to send the Panic, Emergency, or Fire message to the central station receiver. Select **YES** to enable the two-button panic operation. To disable the two-button panic operation, select NO. Default is **YES**.

```
┌─────────────────────────┐
│ OCCUPIED PREMISE        │
│                NO  YES   │
│                         │
└─────────────────────────┘
```

Occupied Premises
Select YES to allow the panel to automatically disarm the interior area(s) when arming all areas and a perimeter zone is not tripped during the exit delay.

This False Alarm Reduction feature keeps a user from arming the entire system when they do not exit and remain in the premises. Select **NO** to not automatically disarm interior area(s). Default is **NO**.

```
┌─────────────────────────┐
│ USE FALSE ALARM         │
│ QUESTION?      NO  YES   │
│                         │
└─────────────────────────┘
```

Use False Alarm Question
Select YES to display IS THIS A FALSE ALARM? NO YES at the keypad in place of CANCEL VERIFY when a burglar alarm occurs. Select NO to display CANCEL VERIFY for burglar alarms. This operates for ALL/PERIM and HOME/SLEEP/AWAY arming systems. Default is **YES**.

```
┌─────────────────────────┐
│ ENTER WEATHER           │
│ ZIP CODE:        -       │
│                         │
└─────────────────────────┘
```

Weather Zip Code
This option allows local U.S.A. weather updates to display in the Status List on the keypad. Enter the zip code of the user at this option. When no number is entered weather conditions are not displayed. Default is **-**.

```
┌─────────────────────────┐
│ THERMOSTAT UNIT         │
│ CELSIUS       NO   YES   │
│                         │
└─────────────────────────┘
```

Celsius Temperature Option
This prompt determines whether the panel should use Celsius for displayed Thermostat temperatures and for sending temperature commands to Z-Wave Thermostats.

BELL OPTIONS

BELL OPTIONS

Bell Options
This section allows you to program the panel bell output functions. If using the Model 1135 Wireless Siren, the Trip with Panel Bell option should be selected in Output Setup programming for the siren.

BELL CUTOFF: 5

Bell Cutoff Time
Enter the maximum time from 1 to 15 minutes that a wireless output remains on. If the output is manually silenced or the system is disarmed, the cutoff time is reset. Default is **5**.

BELL TEST   **NO** YES

Automatic Bell Test
When YES is selected, the 1135 wireless siren is turned on for two seconds when all areas in the system are armed. The Bell Test only occurs when the areas are armed from a keypad. Arming performed from an Arming zone or remotely from Remote Link™ does not activate the Bell Test.

Closing Wait Operation
When Bell Test is set to **YES**, the closing wait function also operates. Closing Wait provides a delay time before a monitored system arms until the panel receives an acknowledgment of the closing report from the central station receiver. During the delay, the keypad displays ONE MOMENT. Once the closing is acknowledged, the keypad buzzes for one second and then displays the ALL SYSTEM ON message. If communication fails, the message LOCAL ALARM ONLY appears.

BELL OUTPUT: 0

Bell Output
Enter the output number (51-54, 61-64) for an 1116 or 1117 wireless output when needed to follow the on and off condition of the bell action. Enter 0 (zero) to disable.

Note: When BELL ACTION below is set to T for Temporal Code 3, this Bell Output action will be Pulse for wireless outputs 51-54 and 61-64.

BELL ACTION . . .

Bell Action
This defines the type of Bell Action from zone alarms that will occur. Trouble conditions do not activate Bell Action. There are eight zone types you can program individually for Bell Output.

▶ Enter S for a Steady Bell Output.
▶ Enter P for a Pulsed Output.
▶ Enter T for a Temporal Code 3 output.
▶ Enter 4 for a Temporal Code 4 output.
▶ Enter N for no bell action.

FIRE   TYPE: **T**

Fire
Defines Bell Action for Fire Type Zones. The default is set at **T**.

BURGLARY TYPE: **S**

Burglary
Defines Bell Action for Burglary Type Zones. The default is set at **S**.

SUPRVSRY   TYPE: **N**

Supervisory
Defines Bell Action for Supervisory Type Zones. The default is set at **N**.

PANIC   TYPE: **N**

Panic
Defines Bell Action for Panic Type Zones. The default is set at **N**.

EMERGNCY   TYPE: **N**

Emergency
Defines Bell Action for Emergency Type Zones. The default is set at **N**.

```
┌─────────────────────────────────┐
│                                 │
│  AUXLRY 1         TYPE: N       │
│                                 │
└─────────────────────────────────┘
```

Auxiliary 1
Defines Bell Action for Auxiliary 1 Type Zones. The default is set at **N**.

```
┌─────────────────────────────────┐
│                                 │
│  AUXLRY 2         TYPE: N       │
│                                 │
└─────────────────────────────────┘
```

Auxiliary 2
Defines Bell Action for Auxiliary 2 Type Zones. The default is set at **N**.

```
┌─────────────────────────────────┐
│                                 │
│  CO               TYPE: 4       │
│                                 │
└─────────────────────────────────┘
```

Carbon Monoxide (CO)
Defines Bell Action for Carbon Monoxide (CO) Type Zones. The default is set at **4**.

OUTPUT OPTIONS

OUTPUT OPTIONS

Output Options
This section allows you to program output options for the 1116 and 1117 wireless outputs. Select from the following output numbers:

- ► 51 to 54
- ► 61 to 64
- ► F01 to F20 (To Activate Z-Wave Favorites)

COM FAIL OUT:	0

Communication Failure Output
This output/Favorite turns on when the panel fails to communicate with the receiver after three communication attempts. Enter **0** (zero) to disable this output.

To turn off the Communication Failure Output, disarm the panel or turn the output off using the User Menu Outputs On/Off function.

FIRE ALR OUT:	0

Fire Alarm Output
This output turns on any time a fire type zone is placed in alarm. The output turns off using the Sensor Reset option when no additional fire type zones are in alarm. Enter 0 (zero) to disable this output.

FIRE TRB OUT:	0

Fire Trouble Output
This output/Favorite turns on any time a fire type zone is placed in trouble or when a supervisory type zone is placed in alarm or trouble. The output turns off when all fire and supervisory type zones restore to normal. Enter 0 (zero) to disable.

AMBUSH OUT:	0

Ambush Output
This output/Favorite turns on any time an Ambush code is entered at a keypad. The output turns off using the Sensor Reset option. Enter 0 (zero) to disable this output.

BEGIN EXIT:	0

Begin Exit Output
This output/Favorite turns on any time an exit delay time starts. The output turns off when the system arms or when the arming has been stopped. Enter 0 (zero) to disable.

END EXIT:	0

End Exit Output
This output or Z-Wave Favorite turns on any time an exit delay time ends. The output turns off when the system disarms. Enter 0 (zero) to disable.

READY OUT:	0

Ready Output
This output or Z-Wave Favorite turns on whenever all disarmed zones are in a normal state. The output turns off when any disarmed zone is in a bad state. Enter 0 (zero) to disable.

ARMED HOME:	**0**

ARMED SLEEP:	**0**

ARMED AWAY:	**0**

ARMED ALL:	**0**

ARMED PERIM:	**0**

ARMED OUT:	**0**

Armed Output
The entered output turns on any time the system is armed. The keypad display is dependent on the system's arming type.

For Home/Away systems, only the HOME and AWAY screens display. If a Bedroom area is programmed into the panel, the SLEEP screen also displays. For All/ Perimeter systems, the ALL and PERIM screens display. For Area systems, the OUT screen displays.

All options are defaulted to 0 (zero). The output turns off when the system completely disarms. Enter 0 (zero) to disable this output.

```
┌─────────────────────────────────┐
│                                 │
│  DISARMED    OUT:      0         │
│                                 │
└─────────────────────────────────┘
```

Disarmed Output
This output or Z-Wave Favorite turns on when all areas of the panel are disarmed. The output turns off when an area is armed.

```
┌─────────────────────────────────┐
│                                 │
│  BURGLARY    OUT:      0         │
│                                 │
└─────────────────────────────────┘
```

Burglary Output
This output or Z-Wave Favorite turns on any time a burglary zone goes into alarm. The output turns off when the area in which the alarm occurred disarms and no other burglary zones are in alarm. Enter 0 (zero) to disable this output.

```
┌─────────────────────────────────┐
│                                 │
│  ARM-ALARM   OUT:      0         │
│                                 │
└─────────────────────────────────┘
```

Arm-Alarm Output
Enter the output or Z-Wave Favorite to turn on steady when any area of the system is armed. If an alarm occurs causing the keypads to turn Red, this output pulses and continues to pulse for approximately three (3) minutes after the panel is disarmed. Enter 0 (zero) to disable.

Wireless Outputs
The Arm-Alarm Output is compatible with the Model 1117 Wireless LED Annunciator and the Model 1116 Wireless Relay Output connected to a Model 572 Indicator LED.

When the Model 1117 is battery operated, the LED is off when the system is armed to conserve battery life. If an alarm occurs, the output flashes quickly.

When using the Model 1116 connected to a Model 572, the LED is on when the system is armed. If an alarm occurs, the output pulses.

To operate the Arm-Alarm output within one second, program a fast response number from 61 to 64. Fast response operation reduces overall wireless output battery life.

To operate the Arm-Alarm output within 15 seconds, program a slow response number from 51 to 54. Slow response operation increases overall wireless output battery life.

```
┌─────────────────────────────────┐
│  HEAT SAVER                      │
│  TEMPERATURE:          0         │
│                                 │
└─────────────────────────────────┘
```

Heat Saver Temperature
Enter the desired temperature setting for all Z-Wave thermostats when the system is armed ALL or AWAY. When the system is disarmed the thermostats return to their previous settings. The range is 55-95 degrees. Enter 0 (zero) to disable.

```
┌─────────────────────────────────┐
│  COOL SAVER                      │
│  TEMPERATURE:          0         │
│                                 │
└─────────────────────────────────┘
```

Cool Saver Temperature
Enter the desired temperature setting for all Z-Wave thermostats when the system is armed ALL or AWAY. When the system is disarmed the thermostats return to their previous settings. The range is 55-95 degrees. Enter 0 (zero) to disable.

```
┌─────────────────────────────────┐
│  OUTPUT OPTIONS                  │
│  CO  ALRM  OUT: XXX              │
│                                 │
└─────────────────────────────────┘
```

Carbon Monoxide Alarm Output
This output turns on any time a Carbon Monoxide Zone (CO) is placed in alarm. The output is turned off using Sensor Reset option while no additional CO type zones are in alarm.

```
┌─────────────────────────────────┐
│  OUTPUT OPTIONS                  │
│  ZN MNTR  OUT: XXX               │
│                                 │
└─────────────────────────────────┘
```

Zone Monitor Output
This output turns on momentarily when a zone monitor tone is activated on keypads. If zone monitoring is turned off, the zone monitor output will not trigger.

OUTPUT SETUP

OUTPUT SETUP

Output Setup
This section allows you to program and name wireless outputs into the panel.

OUTPUT NO: -

Output Number
Enter an output number. Select from the following output numbers:

▶ 51 to 54 - Slow response time* wireless outputs (activate within 15 seconds)

▶ 61 to 64 - Fast response time* wireless outputs (activate within 1 second)

Note: Addresses 51 to 54 and 61 to 64 are available for wireless outputs or wireless key fob zones and can only be assigned to one device.

* The response time of a wireless output is the time it takes for a wireless output to activate once the panel event occurs. A slow response output number extends battery life, but response time may be up to 15 seconds. A fast response output number responds within 1 second, but reduces battery life. Refer to the specific wireless output installation guide to determine battery life.

* UNUSED *

Output Name
This section allows you to define a 16-character alphanumeric name for any wireless output.

An output that is not part of the system must be marked UNUSED. To mark an output unused, press any Select Key or Area to display the default name, then press **CMD**. The programmer automatically programs the name as UNUSED.

SERIAL#: -

Serial Number
Enter the 8-digit serial number found on the wireless device.

ALREADY USED: ZXX

ALREADY USED displays when the serial number is already programmed for another output or zone. The programmed output or zone number displays.

SUPRVSN TIME: **240**

Supervision Time
Press any top row key to select the supervision time required for the wireless output. Default is **240** minutes.

O 3 60 **240**

Select the required number of minutes. The transmitter must check in at least once during this time or a missing condition is indicated for that zone. 1100 Series transmitters automatically check in based on the supervision time selected for the wireless zone, no additional programming is needed. Zero (0) indicates an unsupervised transmitter.

The 3-minute supervision time is only available if using an 1135 Wireless Siren.

Note: When the panel is reset, a receiver is installed or powered down and powered up, or programming is complete, the supervision timer restarts for all wireless outputs.

TRIP WITH PANEL BELL NO **YES**

Trip with Panel Bell Option
This option displays when the wireless device is an 1135 wireless siren. Select **YES** to have the 1135 wireless siren follow the panel bell output. Default is **YES**.

AREA INFORMATION

<table>
<tr><td>AREA INFORMATION</td></tr>
</table>

Area Information
This section allows you to assign functions to individual areas for XTLplus Series panels. All non-24-hour zones must be assigned to an active area.

Activate an area by assigning it a name. An area can be armed or disarmed. A name is given to each active area to assist the user during arming and disarming.

<table>
<tr><td>AREA NO: -</td></tr>
<tr><td>INT   PERIM</td></tr>
<tr><td>INT   BDRM   PERIM</td></tr>
<tr><td>* UNUSED *</td></tr>
</table>

Area Number
Enter the number of the area to program. In an area system, select from areas 1 to 6.

In an All/Perimeter system, select INT (interior) or PERIM (perimeter).

In a Home/Away system, select INT (interior), BDRM (bedroom), or PERIM (perimeter).

Area Name
In an area system, enter up to 16 characters for the area name. Only those areas given names can have zones assigned to them. All others are marked UNUSED.

To add an area name to the system, press any Select Key or Area and then enter up to 16 characters for the new name. Refer to *"Using A Number Pad"* and *"Using A Graphic Touchscreen Keypad"* sections.

To mark an active area as unused, delete the old name by pressing any Select Key or Area then press CMD. The panel automatically sets the name as UNUSED.

<table>
<tr><td>AUTO ARM   **NO** YES</td></tr>
</table>

Automatic Arming
Select YES to allow this area to arm automatically according to the opening and closing schedule.

If Closing Check is selected as YES, the automatic arming does not take place until the expiration of a 10-minute Closing Check delay. If the area has been disarmed outside a schedule and the area was forgotten to be armed again, the Closing Check delay occurs one hour after the area is disarmed.

At arming, faulted zones are handled according to the option selected in Bad Zones. Select **NO** to disable automatic arming for this area. Default is **NO**.

<table>
<tr><td>BAD ZONES: **BYP**</td></tr>
<tr><td>BYP   FORC   REF</td></tr>
</table>

Bad Zones
At the time of automatic arming, some zones in the area may not be in a normal condition. This option allows you to program the panel's response to these bad zones.

This option is not displayed if AUTO ARM is NO.

BYP: All bad zones are bypassed. A report of the bypass is sent to the receiver if Bypass Reports has been selected as YES. See *"Bypass Reports"*. The report indicates SCH as the user number.

FORC: All bad zones are force armed. Zones force armed in a bad condition are capable of restoring into the system and reporting alarms if tripped. A report of the force arm is sent if Bypass Reports is YES. See *"Bypass Reports"*. The report indicates the user number as SCH.

REF: The automatic arming is refused and no arming takes place. A No Closing report is sent to the receiver regardless of the Closing Check selection. For listed installations, set Bad Zones to REF.

<table>
<tr><td>AUTO DIS   **NO** YES</td></tr>
</table>

Automatic Disarming
NO disables automatic disarming by schedule for this area. Select YES to allow this area to automatically disarm according to a schedule. If an Opening report is sent to the receiver, the user number is indicated as SCH. Default is **NO**.

ZONE INFORMATION

Zone Information
This allows you to define the operation of each protection zone used in the system.

Zone Number
Zone numbers on the panel default to the following settings. The settings can be changed as described in the following sections. Zones 51-54 can be wireless zones, key fobs, or slow outputs. Zones 61-64 can be wireless zones, key fobs, or fast outputs.

ZONE NUMBER	ZONE NAME	ZONE TYPE	AREA ASSIGNMENT
1	FRONT DOOR	EX	PERIM
2	BACK DOOR	EX	PERIM
3	GARAGE ENTRY DR	NT	INT
4	PATIO DOOR	EX	PERIM
5	BASEMENT DOOR	EX	PERIM
6	GARAGE DOOR	EX	PERIM
7	WAREHOUSE DOOR	EX	PERIM
8	SHIPPING DOOR	EX	PERIM
9	BREAKROOM DOOR	NT	INT
10	STOCKROOM DOOR	NT	INT
11	FRONT MOTION	NT	INT
12	BACK MOTION	NT	INT
13	HALLWAY MOTION	NT	INT
14	UPSTAIRS MOTION	NT	INT
15	BASEMENT MOTION	NT	INT
16	GARAGE MOTION	NT	INT
17	GLASSBREAK	NT	INT
18	WATER DETECTOR	SV	INT
19	LOW TEMPERATURE	SV	INT
20	SMOKE DETECTOR	FI	PERIM
21	FRONT SMOKE	FI	PERIM
22	BACK SMOKE	FI	PERIM
23	HALLWAY SMOKE	FI	PERIM
24	UPSTAIRS SMOKE	FI	PERIM
25	BASEMENT SMOKE	FI	PERIM
26	OFFICE SMOKE	FI	PERIM
27	WAREHOUSE SMOKE	FI	PERIM
28	SHIPPING SMOKE	FI	PERIM
29	STORAGE SMOKE	FI	PERIM
30	SHED DOOR	EX	PERIM
31	SHOP DOOR	EX	PERIM
32	OFFICE DOOR	NT	PERIM
33	BREEZEWAY DOOR	NT	PERIM
34	SHOP WINDOW	NT	PERIM
35	OFFICE WINDOW	NT	PERIM
36	BREEZEWAY WINDOW	NT	PERIM
37	BASEMENT WINDOW	NT	PERIM
38	SHED MOTION	NT	PERIM
39	SHOP MOTION	NT	PERIM
40	OFFICE MOTION	NT	PERIM
41	BREEZEWAY MOTION	NT	PERIM
42	DRIVEWAY BEAM	NT	PERIM
43	CASHIER PANIC	PN	PERIM
44	OFFICE PANIC	PN	PERIM
45	CO DETECTOR	FI	PERIM
46	EMERGENCY PENDNT	PN	PERIM
47	GARAGE HEAT	AUX 1	PERIM
48	UTILITY ROOM HT	AUX 1	PERIM
51	OUTPUT 1		PERIM
52	OUTPUT 2		PERIM
53	OUTPUT 3		PERIM
54	OUTPUT 4		PERIM
61	ALARM SOUNDER 1		PERIM
62	ALARM SOUNDER 2		PERIM
63	ALARM SOUNDER 3		PERIM
64	ARM/ALARM/LIGHT		PERIM

Key Fob

KEYFOB   **NO** YES

Select YES to program an 1144 Series Key Fob for zones 51-54 or 61-64.

When YES is selected, programming continues at the *"1144 Series Key Fobs"* section. Default is **NO**.

Zone Name

* UNUSED *

Press any Select Key or Area to display the default zone name. To keep the default zone name, press **CMD**. To change the default zone name, press any Select Key or Area to clear name. Enter up to 16 characters for the new zone name. This name is displayed at the keypads when the zone is bad or viewed in Display Events. The zone name is also sent to the receiver as part of a zone event report.

A zone that is not part of the system must be marked UNUSED. To mark a zone unused, delete the old name by pressing any Select Key or Area, then press **CMD**. The programmer automatically programs the name as UNUSED. If you selected ZONES? NO YES to clear the panel's memory during Initialization, the zones will already be marked UNUSED. See *"Initialization"*.

Zone Type

ZONE TYPE: -

The Zone Type defines the panel's response to the zone being opened or shorted. Each zone has a default type. When you assign a Zone Type to a zone, responses are made automatically for the zone. To change the Zone Type, press any Select Key or Area.

Blank, Night, Day, or Exit. Press **CMD** to display additional zone types.

Fire, Panic, Emergency, or Supervisory. Press **CMD** to display additional zone types.

--	NT	DY	EX
FI	PN	EM	SV
A1	A2	FV	AR
CO	IN	DB	

Auxiliary 1, Auxiliary 2, Fire Verify, Arming, and CO for use with Carbon Monoxide detectors, Instant, and Doorbell. Press the Back Arrow key to display the previous zone types.

If you select blank, Night, Day, Exit, Auxiliary 1, Auxiliary 2, or Instant as the Zone Type, the zone must be assigned to an area. If you select Fire (FI), Panic (PN), Emergency (EM), Supervisory (SV), or Carbon Monoxide (CO) as the Zone Type, these are 24-hour zones that are always armed and no area assignment is needed.

See *"Zone Type Descriptions"*.

Press **CMD** to continue.

Arming Areas

AREA:

For Area systems, this option specifies the areas to be armed by the Arming Type zone. Press the appropriate number keys on the keypad to assign areas 1 to 6. When disarmed, all programmed areas are disarmed.

ARM AREA: PERIM

PERIM   ALL

HOME SLEEP AWAY

For All/Perimeter systems, choose PERIM or ALL. For Home/Away systems, choose HOME, SLEEP, or AWAY.

Perimeter/All: Specify whether the arming zone arms just the Perimeter (PERIM) or the Perimeter and Interior areas (ALL) for All/Perimeter systems. When disarming, all areas are disarmed.

Home/Sleep/Away: Specify whether the arming zone arms the Perimeter (HOME), the Perimeter and Interior (SLEEP), or all three areas (AWAY). When disarming, all areas are disarmed.

Arming Zone Operation

If a bad (faulted) Priority zone is in the area being armed by an Arming zone, the arming is stopped. If there are no Priority zones, or they are all in a normal condition, the following applies:

When a non-Priority zone is bad when an area is armed with a keyswitch on an Arming zone, the arming is delayed for five seconds. If, during the five-second delay, the keyswitch is turned to disarm, the arming stops. If the keyswitch is held in the arming position for the full five seconds, the bad zone is force armed and the area is armed.

The ability to stop the arming does not apply if a wireless arming device is being used.

Note: Arming from a zone, Wi-Fi, or Remote Link is not affected by this operation.

```
AREA: -
```

Area Assignment

To change the default area, press any Select Key or Area.

For Area systems, enter the area number from 1 to 6 where this zone is being assigned and what it will arm or disarm as.

For All/Perimeter systems, choose INT or PERIM.

```
INT                PERIM
```

For Home/Away systems, choose INT, BDRM, or PERIM.

```
INT      BDRM     PERIM
```

- ▶ INT (Interior)   Assigns the zone to Interior.
- ▶ BDRM (Bedroom)   Assigns the zone to Bedrooms. This option is only displayed in Home/Away systems under Sleep.
- ▶ PERIM (Perimeter)   Assigns the zone to Perimeter.

Style

```
STYLE:           TOGGLE
```

This option specifies the style for the arming/disarming operation. The default for STYLE is TGL (toggle). Pressing any Select Key or Area displays the STYLE options. To view more style options press **CMD**.

TGL *(Toggle)*

```
TGL   ARM   DIS   STEP
```

When the zone changes from normal to shorted, the programmed areas toggle between the armed or disarmed condition.

When restored to normal, no action occurs.

When the zone is opened from a disarmed state, a trouble is reported.

When opened from an armed state, an alarm is reported and the zone is disabled until you disarm the area(s) from either a keypad, Remote Link™, or Virtual Keypad™.

ARM

```
TGL   ARM   DIS   STEP
```

When the zone is shorted, the programmed areas are armed.

When restored to normal, no action occurs.

When the zone is opened from a disarmed state, a trouble is reported.

When opened from an armed state, an alarm is reported.

DIS *(Disarm)*

```
TGL   ARM   DIS   STEP
```

When programmed as an Area system, a short will disarm the programmed areas.

When programmed as an All/Perimeter or Home/Away system, a short will disarm all areas.

When restored to normal, no action occurs.

When the zone is opened from a disarmed state, a trouble is reported.

```
┌─────────────────────────────┐
│                             │
│ TGL   ARM   DIS   STEP      │
│                             │
└─────────────────────────────┘
```

STEP

When programmed as an area system, a short will arm the areas and beep the keypads once.

When programmed as All/Perimeter or Home/Away, on the first short HOME will arm and beep the keypad once. On the second short, SLEEP will arm and beep the keypads twice. On the third short, AWAY will arm and beep the keypad three times. A normal condition will cause no action. An open condition will disarm the programmed areas and beep the keypads for one second.

Note: This arming style is designed for wireless arming pendants. When using an arming/disarming keyswitch, locate the keyswitch within the protected area.

```
┌─────────────────────────────┐
│                             │
│ MNT                         │
│                             │
└─────────────────────────────┘
```

MNT *(Maintain)*

When the zone is shorted, the programmed areas are armed.

When restored to normal, the programmed areas are disarmed and any alarm bells are silenced.

When the zone is opened from a normal (disarmed) state, a trouble is reported. If opened from a shorted (armed) state, an alarm is reported and the zone is disabled until you disarm the area(s) from either a keypad, Remote Link, or Virtual Keypad.

DMP Wireless

For wireless key fob programming see the *"1144 Series Key Fobs"* section.

All wireless programming is stored in the panel. Each time the panel powers up, when the programmer STOP routine is selected or the panel is reset, the wireless receiver memory refresh could take up to 45 seconds to complete depending on the number of wireless zones programmed and the Red LED remains on during this time. Normal wireless receiver operation is inhibited during the memory refresh period. If using a 738T, follow the installation steps listed in the 738T Wireless Translator Installation Guide (LT-1760).

```
┌─────────────────────────────┐
│                             │
│ COMP WLS?      NO   YES     │
│                             │
└─────────────────────────────┘
```

Competitor Wireless

Select YES to program this zone as a wireless zone if using the 1100T Wireless Translator. Default is **NO**.

```
┌─────────────────────────────┐
│                             │
│ COMP WLS SRL #: -           │
│                             │
└─────────────────────────────┘
```

Competitor Wireless Serial Number

If using an 1100T Wireless Translator, you can press the first top row Select Key or Area and manually enter the eight-character serial number found on the wireless device. Once the signal is detected and read, the device serial number will display on the keypad screen.

To transmit the serial number to the panel automatically, select the LRN option. When TRANSMIT NOW appears on the keypad, tamper the transmitter that is being paired. Once the panel has received the tamper signal, the serial number will display on the keypad.

```
┌─────────────────────────────┐
│                             │
│ SERIAL #: -                 │
│                             │
└─────────────────────────────┘
```

Serial Number Entry

Enter the eight-digit serial number, including leading zeros, found on the wireless device.

```
┌─────────────────────────────┐
│                             │
│ INT      EXT                │
│                             │
└─────────────────────────────┘
```

Contact

This option displays if the serial number entered is for an 1101, 1103, or 1106 Universal Transmitter or 1114 Wireless Four-Zone Expander. Press any top row key to select the contact.

This option displays when programming an 1101, 1103, or 1106 Universal Transmitter. Select INT to use the internal reed switch contacts. Select EXT to connect an external device to the 1101, 1103, or 1106 terminal block. Default is **INTERNAL**.

By allowing both of the transmitter contacts (INT and EXT) to be used at the same time, two zones may be programmed from one transmitter. When using multiple contacts, you must use consecutive zone numbers. For example, program transmitter serial number 01345678 as Zone 11 with an INT contact type and Zone 12 with an EXT contact type. The same serial number is used for both zones.

```
┌─────────────────────────────┐
│                             │
│ CONTACT: X                  │
│                             │
└─────────────────────────────┘
```

This option displays when programming an 1114 zone expander which provides four input contacts. Press any top row key to select the contact. Default is Contact 1.

```
┌────────────────────────┐
│                        │
│  1     2     3     4    │
│                        │
└────────────────────────┘
```

Select the contact number to program. The same transmitter serial number is used for all four contacts. When using the contacts, you must use consecutive zone numbers.

For example, use serial number 08345678 to program Contact 1 for Zone 21, Contact 2 for Zone 22, Contact 3 for zone 23, and Contact 4 for zone 24.

A tamper on the 1114 is transmitted as the zone number assigned to Contact 1.

```
┌────────────────────────┐
│                        │
│  ALREADY USED   ZXX     │
│                        │
└────────────────────────┘
```

This message displays when the Contact is already programmed for another zone.

The programmed zone number displays.

```
┌────────────────────────┐
│                        │
│  NORM OPEN    NO  YES   │
│                        │
└────────────────────────┘
```

The Normally Open option only displays when EXT is selected as the Contact type. For external devices connected to the 1101 terminal block, select **NO** to use normally closed (N/C) contacts. Select YES to use normally open (N/O) contacts. Default is **NO**.

```
┌────────────────────────┐
│                        │
│  SUPRVSN TIME:     XX   │
│                        │
└────────────────────────┘
```

Supervision Time
Press any top row key to select the supervision time required for the wireless zone. Press **CMD** to accept the default time. Default is **240** minutes.

If using competitor wireless, the default supervision time is **24** hours.

```
┌────────────────────────┐
│                        │
│  0    3    60    240    │
│                        │
└────────────────────────┘
┌────────────────────────┐
│                        │
│  0    4H   12H   24H    │
│                        │
└────────────────────────┘
```

Select the required number of minutes. If using competitor wireless, the supervision time is measured in hours. The transmitter must check in at least once during this time or a missing condition is indicated for that zone. 1100 Series transmitters automatically check-in based on the supervision time selected for the wireless zone, no additional programming is needed. If two zones share the same transmitter, the last programmed supervision time is stored as the supervision time for both zones. Zero (**0**) indicates an unsupervised transmitter.

The 3-minute supervision time is only available for zone types of Fire (FI), Fire Verify (FV), Supervisory (SV), and Carbon Monoxide (CO).

📋 **Note:** When the panel is reset the supervision timer restarts for all wireless zones.

```
┌────────────────────────┐
│                        │
│  LED OPER     NO  YES   │
│                        │
└────────────────────────┘
```

LED Operation
This only displays when programming a panic or pendant transmitter. Select **YES** to turn a panic or pendant LED on during normal operation. Select NO to turn the LED off during normal operation. The LED always operates on all transmitters when the transmitter case is open and the tamper is faulted. Default is **YES**.

```
┌────────────────────────┐
│                        │
│  DISARM DISABLE         │
│               NO  YES   │
│                        │
└────────────────────────┘
```

Disarm/Disable
Select YES to disable the Zone Tripped message from 1101/1102/1106 Universal Transmitters (Verison 108 or higher software), 1103 Universal Transmitters (Version 107 or higher software), or 1122/1126/1127 PIRs during the disarmed period. When disarmed, the transmitter or PIR only sends Supervision, Tamper, and Low Battery messages to extend transmitter battery life. For transmitters, a Zone Tripped message is sent if the zone remains tripped for 20 seconds.

Leaving the panel defaulted to **NO** causes the panel to always send Zone Tripped messages in addition to Supervision, Tamper, and Low Battery.

```
┌────────────────────────┐
│                        │
│  WIRELESS PIR           │
│  PULSE COUNT:      4    │
│                        │
└────────────────────────┘
```

Wireless PIR Pulse Count
This option displays for 1122, 1126, and 1127 Wireless PIRs. Select the number of infrared pulse counts (2 or 4) the PIR will use before sending a short message. The first infrared pulse starts a timer and count. If no additional infrared pulses occur in 25 seconds, the timer and count are reset. Default is **4**.

```
┌────────────────────────┐
│                        │
│  WIRELESS PIR           │
│  SENSITIVITY:    LOW    │
│                        │
└────────────────────────┘
```

Wireless PIR Sensitivity
This option displays for 1122, 1126, and 1127 Wireless PIRs. Select the sensitivity setting for the PIR. Selecting **LOW** sets the PIR to operate at 75% sensitivity for installations in harsh environments. Selecting HIGH sets the PIR to maximum sensitivity. Default is **LOW**.

```
┌─────────────────────────────────┐
│ WIRELESS PIR PET                │
│ IMMUNITY:        NO  YES        │
│                                 │
└─────────────────────────────────┘
```

Pet Immunity
This option displays for the 1122 Wireless PIR Motion Detector. Select whether or not to enable pet immunity. Selecting **YES** allows pet immunity for animals up to 55 pounds.

```
┌─────────────────────────────────┐
│                                 │
│ NEXT ZN         NO  YES         │
└─────────────────────────────────┘
```

Next Zone
Select YES to return to the ZONE NO option to program a new zone. Select NO to display the Alarm Action option. See *"Alarm Action"*.

1144 Series Key Fobs

Only zones 51-54 or 61-64 can be programmed as 1144 Series Key Fob zones. Refer to the 1100 Series Key Fob Programming Sheet (LT-0706) and the 1144 Series Key Fob Install Guide (LT-1449) as needed.

To operate arming and disarming properly, the Key Fob should be assigned to a User Number with appropriate area assignments, however, the User Number does not have to exist at the time the Key Fob is programmed.

The following programming continues from when Key Fob YES is selected.

```
┌─────────────────────────────────┐
│                                 │
│ KF USER NO:                     │
│                                 │
└─────────────────────────────────┘
```

Key Fob User Number
Enter the User Number used to identify the key fob user and their arming and disarming authority. Default is blank. User number range: 1 to 99

```
┌─────────────────────────────────┐
│                                 │
│          NOT IN USE             │
│                                 │
└─────────────────────────────────┘
```

Displays when the User Number entered does not exist in User Code programming.

```
┌─────────────────────────────────┐
│                                 │
│ SERIAL #: -                     │
│                                 │
└─────────────────────────────────┘
```

Key Fob Serial Number
Enter the 8-digit serial number found on the wireless device.

```
┌─────────────────────────────────┐
│                                 │
│ ALREADY USED        ZXX         │
│                                 │
└─────────────────────────────────┘
```

Displays when the serial number is already programmed. The programmed zone number displays.

```
┌─────────────────────────────────┐
│                                 │
│ SUPRVSN TIME:          0        │
│                                 │
└─────────────────────────────────┘
```

Key Fob Supervision Time
Press any top row Select Key or Area to select the supervision time required for the key fob zone. Press **CMD** to accept the default time. Default is **0**.

```
┌─────────────────────────────────┐
│                                 │
│ 0        60          240        │
│                                 │
└─────────────────────────────────┘
```

Press the Select Key or Area under the required number of minutes. The key fob must check in at least once during this time or a missing condition is indicated for that zone. 1144 Series key fobs automatically checkin based on the supervision time selected for the wireless zone, no additional programming is needed. Zero (0) indicates an unsupervised transmitter.

Note: When the panel is reset the supervision timer restarts for all wireless zones.

```
┌─────────────────────────────────┐
│                                 │
│ BUTTONS:               4        │
│                                 │
└─────────────────────────────────┘
```

Number of Key Fob Buttons
Enter the number of buttons (1, 2, or 4) on the key fob being programmed. Default is **4** (four buttons).

```
┌─────────────────────────────────┐
│                                 │
│ TOP    BTM    LFT    RGT        │
│                                 │
└─────────────────────────────────┘
```

Key Fob Button Selection (Four Buttons)
This option only displays if the key fob being programmed is a four-button model Press the Select Key under the key fob button to program. Refer to *"Button Action"*. The following list identifies the default button assignments:

- ► TOP   Arming with areas 1, 2, and 3 assigned
- ► BTM   Disarming with areas 1, 2, and 3 assigned
- ► LFT   Panic Alarm (PN) with no output assigned
- ► RGT   Arming with Area 1 assigned

```
┌─────────────────────────┐
│                         │
│  TOP    BTM             │
│                         │
└─────────────────────────┘
```

Key Fob Button Selection (Two Buttons)

This option only displays if the key fob being programmed is a two-button model. Press the Select Key or Area under the key fob button to program. Refer to *"Button Action"*. The following list identifies the default button assignments:

- ▶ TOP   Arming with areas 1, 2, and 3 assigned
- ▶ BTM   Disarming with areas 1, 2, and 3 assigned

```
┌─────────────────────────┐
│                         │
│  ACTION:       XXXXXXX  │
│                         │
└─────────────────────────┘
```

Button Action

This option specifies the Button Action for an individual key fob button. The default action for the button selected is displayed. Press any Select Key or Area to display the Button Action options. To view more options press **CMD**.

```
┌─────────────────────────┐
│                         │
│  ARM   DIS   TGL   STA  │
│                         │
└─────────────────────────┘
```

- ▶ ARM (Arm)   Arms selected areas and force arms bad zones.
- ▶ DIS (Disarm)   Disarms selected areas.
- ▶ TGL (Toggle Arm)   Toggles arm/disarm for selected areas and force arms bad zones when arming.
- ▶ STA (Status)   Causes the key fob LED to indicate the arm/disarm status of the system.

```
┌─────────────────────────┐
│                         │
│  PN   PN2   EM   EM2    │
│                         │
└─────────────────────────┘
```

- ▶ PN (Panic)   Triggers a Panic zone type alarm with no restoral.
- ▶ PN2 (Panic 2)   Triggers a Panic zone type alarm with no restoral when pressed simultaneously with any other Panic 2 button. No action occurs when pressed alone.
- ▶ EM (Emerg)   Triggers an Emergency zone type alarm with no restoral.
- ▶ EM2 (Emerg 2)   Triggers an Emergency zone type alarm with no restoral when pressed simultaneously with any other Emergency 2 button. No action occurs when pressed alone.

```
┌─────────────────────────┐
│                         │
│  OUT    RST    UN       │
│                         │
└─────────────────────────┘
```

- ▶ OUT (Output)   Causes an output to turn on steady, pulse, momentary, toggle or off.
- ▶ RST (Sensor Reset) Causes the panel to perform a standard Sensor Reset.
- ▶ UN (Unused)   The button is not used and performs no action.

```
┌─────────────────────────┐
│                         │
│  PRESS TIME:     XXXXX  │
│                         │
└─────────────────────────┘
```

Button Press Time

This option specifies the amount of time (SHORT or LONG) the user must press the button before the key fob sends a message to the wireless receiver. The default press time displays. Press any Select Key or Area to set the Button Press Time for Arm, Disarm, Toggle, Status, Output, and Sensor Reset.

> 📝 **Note:** The Button Press Time is not programmable on Panic (PN or PN2), Emergency (EM or EM2) or Unused (UN) zones. For those zones the button press time is always two (2) seconds.

- ▶ SHORT   Press the button for one-half (1/2) second to send the message to the wireless receiver.
- ▶ LONG   Press the button for two (2) seconds to send the message to the wireless receiver.

```
┌─────────────────────────┐
│                         │
│  AREA:  1 2 3 4 5 6     │
│                         │
└─────────────────────────┘
```

Arm/Disarm Area Selection

For Area systems, enter the areas 1 to 6, to be armed/disarmed by the Key Fob button being programmed.

```
┌─────────────────────────┐
│                         │
│  ARM AREAS:      PERIM  │
│                         │
└─────────────────────────┘
```

For All/Perimeter systems, choose PERIM or ALL.

For Home/Sleep/Away or Home/Away systems, choose HOME, SLEEP, or AWAY.

After selecting the areas, for one-button key fobs ZONE NO displays.

For two-button or four-button key fobs, the Key Fob Button Selection option displays to program the additional buttons.

```
┌─────────────────────────────┐
│                             │
│  OUTPUT NO:            0     │
│                             │
└─────────────────────────────┘
```

Output Number
You can specify a wireless output to operate when OUT, PN, PN2, EM, or EM2 is selected for a key fob Button Action and the button is pressed. Valid range is 51-54, 61-64, and F1-F20. For an output turned on by a PN, PN2, EM, or EM2 button action, the output turns off when any area is disarmed.

To enter an output number, press any Select Key or Area followed by the output number. Press **CMD**.

```
┌─────────────────────────────┐
│                             │
│  ACTION:                    │
│                             │
└─────────────────────────────┘
┌─────────────────────────────┐
│                             │
│  STD    PLS    MOM    TGL    │
│                             │
└─────────────────────────────┘
```

Output Action
This option allows you to define the output action for the selected output number. The default is **STEADY**.

- ▶ **STD** (Steady)   The output is turned on and remains on.
- ▶ PLS (Pulse)   The output alternates one second on and one second off.
- ▶ MOM (Momentary) The output is turned on only once for one second.
- ▶ TGL (Toggle)   The output alternates between the on state and off state. Each button press toggles the output state.

```
┌─────────────────────────────┐
│                             │
│  OFF                        │
│                             │
└─────────────────────────────┘
```

- ▶ OFF (Off)   The output is turned off. If programmed, the output was turned on by some other means such as another button press, a zone action, or a schedule.

📝 **Note:** When the output is assigned to PN/PN2 or EM/EM2 button action and is turned on, the output turns off when any area is disarmed.

When the output action is steady, pulse, or toggle and the output is turned on, the output remains on until:

- ▶ The output cutoff time expires
- ▶ The output is reset from the keypad menu
- ▶ Toggled off

```
┌─────────────────────────────┐
│                             │
│  ALARM ACTION . . .         │
│                             │
└─────────────────────────────┘
```

Alarm Action
The Alarm Action section allows you to change or confirm the default alarm characteristics of a zone type.

If you selected the non-24-hour zone type Blank, Night, Day, Exit, Auxiliary 1, Auxiliary 2, or Instant, the Alarm Action programming begins with Disarmed Open.

If you selected the 24-hour zone type Fire, Panic, Emergency, Supervisory, or CO, the Alarm Action programming begins with Armed Open.

```
┌─────────────────────────────┐
│                             │
│  DISARMED OPEN              │
│                             │
└─────────────────────────────┘
```

Disarmed Open
Defines the action taken by the panel when the zone is opened while the area is disarmed. There are three actions to define:

- ▶ Message to Transmit
- ▶ Output Number
- ▶ Output Action

You must also make these selections for the Disarmed Short, Armed Open, and Armed Short zone conditions. Press **CMD** to continue.

```
┌─────────────────────────┐
│                         │
│  MSG: TROUBLE           │
│                         │
├─────────────────────────┤
│                         │
│  A      T      L     -  │
│                         │
└─────────────────────────┘
```

Message To Transmit

▶ ALARM   Selecting A allows an alarm report to be sent to the receiver and the
             wireless siren output to activate according to zone type. See *"Bell
             Action"*. The zone name appears in the panel's alarmed zones status
             lists.

▶ TROUBLE   Selecting T allows a trouble report to be sent to the receiver and the
             zone name to appear in the panel's alarmed zones status lists.

▶ LOCAL   When you select L, an alarm report is not sent to the receiver. The
             bell output still activates according to zone type and the zone name
             appears in the panel's alarmed zones status lists.

▶ **–** (dash) When you select – , reports are not sent to the receiver. The wireless
             siren output does not activate and there is no display in the panel's
             alarmed zones status list. Only the programmed Output Number
             activates.

```
┌─────────────────────────┐
│                         │
│  OUTPUT NO:          0  │
│                         │
└─────────────────────────┘
```

Output Number

You can specify any of the outputs on the panel to be activated by a zone condition.
The output can be activated regardless of the report to transmit or whether or not
the zone is programmed as local. An output activated by a non-24-hour armed zone
is turned off when the zone's area is disarmed by a user. To enter an Output Number,
press any Select Key or Area followed by the output number 51-54, 61-64, or F1-F20.
Press **CMD**.

```
┌─────────────────────────┐
│                         │
│  ACTION:                │
│                         │
└─────────────────────────┘
┌─────────────────────────┐
│                         │
│  STD  PLS  MOM  FOLW    │
│                         │
└─────────────────────────┘
```

Output Action

Entering an Output Number displays this option that allows you to assign an output
action.

▶ STD (Steady)   The output is turned on and remains on until the area is
                     disarmed, an output cutoff time expires, or the output is reset
                     from the keypad User Menu.

▶ PLS (Pulse)   The output alternates one second on and one second off until
                     the area is disarmed, an output cutoff time expires, or the
                     output is reset from the keypad User Menu.

▶ MOM (Momentary)   The output is turned on only once for one second.

▶ FOLW (Follow)   The output is turned on and remains on while the zone is in
                     an off normal, or bad condition. When the zone restores, the
                     output is turned off.

After you have selected the Message To Transmit, the display prompts you for the
same three selections for Disarmed Short, Armed Open, and Armed Short conditions.
If the zone is a 24-hour type, only the Armed Open and Armed Short conditions
are displayed. When you have programmed all of the zone conditions, the Swinger
Bypass selection is then displayed.

```
┌─────────────────────────┐
│                         │
│  SWGR BYP       NO  YES │
│                         │
└─────────────────────────┘
```

Swinger Bypass

Selecting **YES** allows the zone to be swinger bypassed by the panel according to the
programming in Swinger Bypass Trips and Reset Swinger Bypass. The bypassed zone
displays in the keypad Status List. Selecting NO disables swinger bypassing for this
zone.

How it works

If within one hour, a zone trips the total number of times as specified in Swinger
Bypass Trips, the panel bypasses it until the following conditions occur; the area in
which the zone is assigned is disarmed, the zone is manually reset through the Bypass
Zones keypad User Menu function, the zone remains normal for one hour and the
Reset Swinger Bypass is **YES**.

If the zone trips fewer than the specified times within one hour of the first trip, the
bypass trip counter returns to 0 (zero) and the process must be repeated.

A report of the swinger bypass is sent to the receiver if Bypass Reports is **YES**.

```
┌─────────────────────────┐
│                         │
│  PREWARN: 12345         │
│                         │
└─────────────────────────┘
```

Prewarn Address
The Prewarn Address option is only available for an Exit zone.

At the start of the entry delay, all keypad addresses display ENTER CODE. If you want the prewarn to sound at all addresses, leave the default as shown.

To delete an address, press the matching number on the keypad. To disable prewarning at all keypads, press a top row key to clear the addresses shown. Press **CMD** when the address selection is complete.

```
┌─────────────────────────┐
│  CHIME: DOORBELL        │
└─────────────────────────┘
┌─────────────────────────┐
│  NONE   DB   DESC   ASC │
└─────────────────────────┘
```

Chime
Option is only shown for Night, Exit, and Instant zones. Select either NONE, **DOORBELL**, DESC (descend), or ASC (ascend) to assign that tone to a zone. Default is **DOORBELL** for Exit zones and NONE for Night zones.

```
┌─────────────────────────┐
│  ENTRY DELAY:        1  │
└─────────────────────────┘
```

Entry Delay
Option is only shown for an Exit zone. Select the entry delay timer for this zone. Entry delay timers 1 and 2 are programmed in Entry Delay in the System Options menu.

```
┌─────────────────────────┐
│  CRS ZONE      NO  YES  │
└─────────────────────────┘
```

Cross Zone
Select **YES** to enable cross-zoning for this zone. The purpose of cross-zoning is that it requires a zone to trip twice, or this zone and another cross-zoned zone to trip, within a programmed time before an alarm report is sent to the receiver.

Note: To operate correctly, all cross-zone zones need to be programmed as the same zone type.

When a cross-zoned zone trips, the Output action assigned to the zone activates. See *"Bell Action"*. The cross-zone time specified in *System Options* begins to count down. See *"Cross-Zone Time"*. If another cross-zoned zone in the system faults, or if the first zone restores and faults again before the cross-zone time expires, the bell turns on and the panel sends an alarm report.

If no other cross-zoned zone in the system trips before the cross-zone time expires, the panel sends only a fault report from the first zone to the receiver.

Note: If CRS ZONE is YES, a valid CRS ZN TIME must be programmed in System Options for this feature to be enabled.

Cross-zoning is not compatible and cannot be enabled for Fire Verify zone types.

```
┌─────────────────────────┐
│  PRIORITY      NO  YES  │
└─────────────────────────┘
```

Priority
Selecting YES allows you to provide additional protection for a zone by requiring it to be in a normal condition before its assigned area can be armed. A priority zone cannot be bypassed.

A Priority zone not in a normal condition cannot be armed. If a user attempts to arm the area, the keypad displays the bad zone name followed by PRIORITY ZONE and the arming is stopped.

```
┌─────────────────────────┐
│  TRAFFIC COUNT          │
│                NO  YES  │
└─────────────────────────┘
```

Traffic Count
This option is displayed for NT or EX type zones. Select YES to provide reporting to the receiver of the number of zone trips while in a disarmed state. The number of trips for each zone set as traffic count are added together and included with the area closing message and reported to the central station automation system. Default is **NO**.

```
┌─────────────────────────┐
│  ZONE AUDIT DAYS:       │
│                 0 - 0   │
└─────────────────────────┘
```

Zone Audit Days
Enter the number of days (0 to 99) allowed to elapse without the zone being tripped before a fault message is sent. The message is sent to the receiver(s) programmed to receive Supervisory/Trouble Reports at 10:00 am following the expiration of the timer. Each time the zone is tripped, the Zone Audit Days timer restarts and begins to countdown the number of days programmed. After the countdown expires, a fault message is sent and the Zone Audit Days timer restarts and begins to countdown the number of days programmed. Available for all zone types except Fire and Fire Verify. Enter 0 (zero) to disable this function. Default is 0 (zero).

```
┌─────────────────────────────┐
│                             │
│  RECEIVER ROUTING           │
│                             │
└─────────────────────────────┘
```

Receiver Routing

This option displays if Zone Type is set for Auxiliary 1 or Auxiliary 2.

Press any top row key to select the Receiver Routing for the selected zone.

```
┌─────────────────────────────┐
│                             │
│                    NORMAL   │
│                             │
└─────────────────────────────┘
┌─────────────────────────────┐
│                             │
│  NORM    1    2    BOTH     │
│                             │
└─────────────────────────────┘
```

- ► Select NORM to send Alarm and Supv/Trbl messages from this zone to Receiver 1 or Receiver 2 as programmed within the receiver.
- ► Select 1 to send Alarm and Supv/Trbl messages from this zone to Receiver 1 only, regardless of the programming for that receiver.
- ► Select 2 to send Alarm and Supv/Trbl messages from this zone to Receiver 2 only, regardless of the programming for that receiver.
- ► Select BOTH to send Alarm and Supv/Trbl messages from this zone to both receivers, regardless of the programming for either receiver.

```
┌─────────────────────────────┐
│                             │
│       ZONE NO: -            │
│                             │
└─────────────────────────────┘
┌─────────────────────────────┐
│                             │
│                       00    │
│                             │
└─────────────────────────────┘
```

Zone Number

Enter the zone number you want to program next. Return to *"Area Information"* and follow the descriptions of each programming option. If all zones are programmed, press the back arrow key at the **ZONE NO** display to continue.

STOP

STOP

Stop
At the **STOP** option, pressing any Select Key or Area allows you to exit the programmer function of the XTLplus Series panel. When selected, the panel performs an internal reset and exits the programmer. The Stop function causes the following conditions to occur:

▶ All 1100 Series DMP Wireless transmitters are reset to NORMAL

▶ The panel's Status List is CLEARED

During the Stop function, all keypad displays are momentarily disabled for two seconds. Afterwards, the programming function is terminated and the keypads return to the Status List display.

SET LOCKOUT CODE

SET LOCKOUT CODE

Set Lockout Code
Pressing **CMD** at the Stop option displays SET LOCKOUT CODE. This feature allows you to program a special code that will then be required to gain access to the panel's internal Programmer through the keypad.

Changing the Lockout Code
You can change this code at any time to any combination of numbers from 1 to 5 digits long (1 to 65535). Do not use leading zeros for the lockout code.

1. Press any Select Key or Area. The display changes to ENTER CODE.

2. Enter a 1- to 5-digit code (do not enter a number higher than 65535). Press **CMD**.

3. Enter the new Lockout Code again. Press **CMD**. The keypad display changes to CODE CHANGED.

Once you have changed the code, it is important that you write it down and store it in a safe place. Lost lockout codes require the panel to be sent back into DMP for repair. You may cancel a Lockout Code by entering 00000 at the Set Lockout Code command option.

APPENDIX

This section provides additional zone and system information.

Status List

The Status List is the current status of the system or records of recent system events that display on alphanumeric keypads.

If an event were to occur on the system, such as an AC failure, the keypad would display the AC POWER -TRBL message. This is a system event that is placed into the Status List to alert the user to a problem with the system.

Some Status List items remain in the display until manually cleared and some are cleared automatically when the condition returns to normal. Below is a list of status and event displays the keypad can show in the Status List:

REASON	DISPLAY	ACTION
Fire, Carbon Monoxide, and Supervisory zone troubles	Yes	By Sensor Reset
Fire, Carbon Monoxide, and Supervisory zone troubles	No	Clears when zone restores
Burglary zone alarms	No	Clears at disarming
All other zone alarms	No	Clears when zone restores
Zone monitor displays	No	Clears after approximately 8 minutes
Day zone alerts	No	Clears after approximately 8 minutes
System monitor troubles	No	Clears when condition restores—AC and battery trouble
Armed status display	No	System On
Disarmed status displays	No	System Ready, System Not Ready
Remote keypad messages	No	Sent to the keypad by your office or central station
Not Connected message	No	Clears after panel connection to network keypad is reestablished
Wireless zones in an Area or All/Perimeter system	Zone Trouble or Low Battery	Trouble buzzer resounds every four hours

The highest priority message is displayed on the keypad. When there are multiple items in the list, you can use **CMD** or the Back Arrow key to scroll forward or back through the items.

Transmission Delay

You can set Abort Reports to YES if Opening and Closing reports are not being sent.

If the area where the alarm occurred is disarmed during the Transmit Delay time, only an Abort Report (S45) message is sent to the receiver. If the area where the alarm occurred is disarmed after the alarm message is sent to the receiver but before the Bell Cutoff time expires, even if the alarm was silenced, an Alarm Cancelled (S49) message is sent. The Alarm Cancelled report cannot be disabled.

False Alarm Reduction

System Recently Armed Report

The System Recently Armed report (S78) is sent when a burglary zone goes into alarm within two minutes of the system being armed.

Diagnostics Function

The XTLplus Series panel contains a Diagnostics function that allows you to test the integrity of the network communication, integrity of the cellular communication and cellular signal communication of the 265 Series to the nearest tower for the cellular carrier. The Diagnostics function also displays the panel settings. To use Diagnostics, reset the panel, enter the Diagnostics code **2313** (DIAG), and press **CMD**.

MAC Address

Short for Media Access Control address. This hardware address uniquely identifies each network node. Not to be confused with an IP address, which is assignable. In the Diagnostics function, the MAC address is the panel on-board network hardware address. Press any Select Key or Area to display the panel MAC address. Press **CMD** to view the next option.

Serial Number

This number is the network communicator serial number. Reference this number for communicator date of manufacture, hardware version, etc. Press any Select Key or Area to display the Serial Number. Press **CMD** to view the next option.

Panel Settings

Pressing a Select Key or Area displays the MAC Address, Serial Number, Frequency Offset, Panel Model, and Firmware Version.

Frequency Offset

This menu option displays the frequency offset of the panel.

Panel Model

This menu option displays the panel model number.

Firmware Version

This menu option displays the Firmware Version number of the panel and date it was released.

Communication Status

This option tests the individual components of cellular or Wi-Fi network communication. The displayed results are shown on the next page.

Cellular Results:

SUCCESSFUL DISPLAY	FAILURE DISPLAY
MODEM OPERATING	NO MODEM FOUND
IDENTIFIED	NO SIM CARD
TOWER DETECTED	NO TOWER
REGISTERED	NOT REGISTERED

```
SIGNAL: ▌▐▐▐▐▐▐
CONTINUE?        NO  YES
```

This displays the cellular signal strength of the nearest tower for the SIM card carrier. The ▌'s represent the signal strength 0-7. Select YES to continue through the remaining component tests. Select NO to stop testing and return to the COMM STATUS option.

SUCCESSFUL DISPLAY	FAILURE DISPLAY
CONNECTED	CONNECT ERROR NOT ACTIVATED
COMM PATH GOOD	NO ACK RECEIVED

Wi-Fi and Ethernet Results:

SUCCESSFUL DISPLAY	FAILURE DISPLAY
LINK OK	LINK ERROR
DHCP OK	DHCP ERROR
GATEWAY FOUND	NO GATEWAY
DEST FOUND	NO DESTINATION
COMM PATH GOOD	NOT CONNECTED NO ACK RECEIVED

```
              -XX DBM
SIGNAL: ▌▐▐▐▐▐▐
```

Cellular Signal Strength (CELL SIGNAL)

This option provides a way to test the cellular signal strength of the nearest tower for the cellular carrier. Press any Select Key or Area to display cell signal strength. The X's represent the numerical value of the cell signal strength in -dBm. The ▌'s represent the signal strength 0-7.

265 Series Activation

Cellular Service is required before you can use the 265LTE Series for single transmission. The 265LTE Series comes ready for activation with SecureCom™ Wireless, LLC. To begin cellular activation, verify the 265LTE Series SIM number has been added to the panel by using Remote Link™, the Dealer Admin Site (dealer.securecomwireless.com), the Tech APP™, or by calling DMP Customer Service (1-866-266-2826). Refer to the 265LTE Series Cellular Communicator Installation Guide (LT-1703) for complete activation instructions.

```
SIGNAL: ▐▌▌▌▌▌▌▌
HOMENET123
```

Wi-Fi Signal Strength (Wi-Fi SIGNAL)

This option tests the signal strength of the selected SSID. Press any Select Key or Area to display Wi-Fi signal strength. The ▐'s represent the signal strength 0-7.

WI-FI SIGNAL STRENGTH	
NUMBER OF BARS	**INDICATION**
7	Good Signal (Excellent for consistent operation)
6	
5	
4	Average Signal (Expect consistent operation)
3	
2	
1	Weak Signal (Will not operate reliably. Relocate Wi-Fi equipment or add a Wi-Fi extender for better reception.)
0	No Signal

```
TEST ZWAVE
```

```
DEVICE LIST:
HALLWAY LIGHT
```

```
HALLWAY LIGHT
LIGHT 02 0/0
```

```
HALLWAY LIGHT
99/99 SUCCESSFUL
```

Z-Wave Test Option

This feature allows the installer to test XTLplus Series communication with Z-Wave devices. A successful test indicates a response from a device. Press any Select Key or Area to view the Z-Wave Device List.

Press **CMD** to advance through each Z-Wave device and press any Select Key or Area to begin the test on the device displayed.

The name of the device displays above the device number. The current number of successful communications followed by the total number of attempts displays to the right of the device number. The test stops after 99 attempts.

Press **CMD** to view the final number of successful communications.

Initializing Z-Wave Defaults

Only use this function when the Z-Wave network primary controller is missing or otherwise inoperable.

1. Rest the panel and enter **2313** (DIAG) at the keypad to access the Diagnostic menu.
2. Press **CMD** until INIT Z-WAVE displays and press a top row Select Key or Area.
3. Select **YES** when Z-WAVE? NO YES displays. INIT SUCCESSFUL displays when all Z-Wave programming has been initialized

Exiting the Diagnostics Menu

Press **CMD** until **STOP** displays. Press any Select Key or Area. The keypad returns to the Status List display.

Using the Walk Test

The XTLplus Series panel provides a walk test feature that allows a single technician to test all the protection devices connected to zones on the system. Conduct the Walk Test within 30 minutes of resetting the panel. The Walk Test automatically ends if no zones are tripped for 20 minutes. TEST IN PROGRESS displays at all keypads. When five minutes remain, TEST END WARNING displays. If any areas are armed the Walk Test does not start and SYSTEM ARMED displays.

```
WALK TEST
```

```
STD   WLS   PIR
```

Walk Test

To conduct the Walk Test, reset the control panel by pressing the RESET button then wait one minute. From the keypad, enter the code **8144**. The keypad displays WALK TEST.

▶ STD (Standard Walk Test) - Select STD to Walk Test zones. All programmed zones are included in the test.

▶ WLS (Wireless Check-in Test) - Select WLS to automatically test 1100 Series wireless transmitter communications. Includes all wireless devices except key fobs and transmitters programmed for a supervision time of 0 (zero).

▶ PIR (Wireless PIR Walk Test) - The PIR Walk Test allows the installer to verify the 1126, 1127, and 1128 operation. When enabled, the 1126 LED flashes each time motion is detected for up to 30 minutes. This is a local test only and no messages are sent to the Central Station.

```
┌─────────────────────────┐
│                         │
│       WALK TEST         │
│                         │
└─────────────────────────┘

┌─────────────────────────┐
│                         │
│  TRIPS: XXX        END  │
│                         │
└─────────────────────────┘
```

Trip Counter for DMP Wireless Check-in Test (WLS)

Displays the number of wireless zones that automatically communicate a supervisory check-in message.

▶ The number of zones that check in. (XXX in the example).

▶ The total number of wireless zones programmed for supervision that should check in. (ZZ in the example).

Select END to stop the Wireless Check-in Test. When the test ends or a 5 minute time-out expires, normal wireless zone processing returns. If all transmitters check-in, both numbers will match within three (3) minutes. If a transmitter has multiple zones (1101, 1114, etc.), all zones will be included in the counts. Failed wireless zones then display on the keypad.

```
┌─────────────────────────┐
│                         │
│    TEST END WARNING     │
│                         │
└─────────────────────────┘
```

Test End Warning

When no zones have been tripped and five minutes remain on the 5 minute Walk Test timer, the keypad displays TEST END WARNING and the keypad tones. If no additional test zone trips occur, the test ends and a final Sensor Reset automatically occurs. The System Test End message is sent to the receiver along with Verify and Fail messages for each zone under WALK test. Faulted zones then display on the keypad.

```
┌─────────────────────────┐
│                         │
│      SOUTH LOBBY        │
│                         │
└─────────────────────────┘

┌─────────────────────────┐
│                         │
│  ZONE: 10        -FAIL  │
│                         │
└─────────────────────────┘
```

Failed Zones Display

Each zone that did not trip at least once during the Walk Test displays on the keypad that initiated the test. Any Fire (FI), Panic (PN), Supervisory (SV), or Carbon Monoxide (CO) 24-hour zone that is faulted at the end of the Walk Test displays a trouble condition for that zone regardless of the message programmed for the open or short condition of the zone and a zone trouble is sent to the receiver. Press **CMD** to display the next failed zone.

For the Wireless Check-in Test, failed wireless zones display only on the keypad. Zone Verify/Fail Reports are not sent to the central station receiver for the wireless checkin test.

Keypad Speaker Operation

The panel provides distinct speaker tones from the keypad for Fire, Burglary, Zone Monitor, Carbon Monoxide (CO), and Prewarn events. The list below details the conditions under which the speaker is turned on and off for each event.

▶	Fire	On	Fire zone alarm and Bell Output are ON.
		Off	Alarm Silence or briefly when a key is pressed.
▶	Burglary	On	Burglary zone alarm and Bell Output and is ON.
		Off	Alarm Silence or briefly when a key is pressed.
▶	Zone Monitor	On	One time only when a monitored zone is tripped.
		Off	After one tone.
▶	CO	On	CO zone alarm and Bell Output are ON.
		Off	Using Sensor Reset option while no additional CO type zones are in alarm
▶	Prewarn	On	During Entry Delay.
		Off	When Entry Delay expires, when a Valid Code is entered, or when a key is pressed.

Cross Zoning

Caution must be taken when cross zoning devices to ensure that the Cross Zone Time is long enough to allow an intruder to trip both devices before it expires. A Cross Zone Time that is too short may allow an intruder to trip the devices and allow only a zone fault report be sent to the central station.

When a Cross Zoned zone trips, a FAULT report is sent to the SCS-1R Receiver. When two Cross Zoned zones trip within the Cross Zone Time, both zones send ALARM signals to the receiver. For example, if zones 1 and 2 are Cross Zoned zones, and only zone 1 trips, a FAULT report is sent to the receiver for zone 1. If zone 1 trips and zone 2 trips within the Cross Zone Time, an ALARM report is sent to the receiver for zone 1 and zone 2.

Note: To operate correctly, all cross-zone zones need to be programmed as the same zone type.

Zone Type Descriptions

This section describes applications for the zone types in *"Zone Information"* programming.

- ► NT (Night Zone) - Controlled instant zone used for perimeter doors and windows and interior devices such as PIRs and glassbreak detectors.

- ► DY (Day zone) - Used for emergency doors or fire doors to sound the keypad buzzer and display the zone name when the zone is faulted. Day zones also will send alarm reports to the receiver during the system's armed periods.

- ► EX (Exit zone) - Initiates the entry delay timer when its assigned area is fully armed. Also, can initiate an exit delay timer to allow a user to exit an area after the arming process has started.

- ► PN (Panic zone) - Used for connecting to mechanical devices that allow a user to signal an emergency alarm. Panic zones can provide either a silent or audible alarm with or without reporting to a central station receiver.

- ► EM (Emergency zone) - These are used for reporting medical or other non-panic emergencies to the central station.

- ► SV (Supervisory zone) - Used to provide 24-hour zone supervision. Typical applications are high water, and low and high temperature gauges.

- ► FI (Fire zone) - Used for any type of powered or mechanical fire detection device. Typical applications are for smoke detectors, sprinkler flow switches, manual pull stations, and beam detectors.

- ► FV (Fire Verify zone) - Used primarily for smoke detector circuits to verify the existence of an actual fire condition. When a Fire Verify zone initiates an alarm, the panel performs a Fire Reset. If any Fire zone initiates an alarm within 120 seconds after the reset, an alarm is indicated. If an alarm is initiated after 120 seconds, the cycle is repeated.

- ► A1 and A2 (Auxiliary 1 and Auxiliary 2) - These zones are typically used to protect restricted areas within a protected premises. Auxiliary 2 zones do not appear in the Status List.

- ► AR (Arming zone) - Allows you to connect a keyswitch to a zone and use it to arm and disarm the system.

- ► CO (Carbon Monoxide) - This output turns on any time a Carbon Monoxide Zone (CO) is placed in alarm. The output is turned off using Sensor Reset option while no additional CO type zones are in alarm.

- ► IN (Instant) - This provides a zone that does not follow entry ot exit zones. Choose Instant if you need a zone that will not follow Entry or Exit delay.

- ► DB (Doorbell) - This output is used for zones that are assigned to doorbells. These zones are similar to an Auxiliary 1 zone type.

Common Keypad Messages

MESSAGE	MEANING	POSSIBLE SOLUTIONS
INVALID CODE	The user code you have entered is not recognized by the system.	Check the user code and try again.
CLOSING TIME	The schedule has expired but the system has not been armed.	Users still on the premise should arm the system or extend the schedule to a later time.
KEYPAD NAME - NOPWR	Wireless keypad is not getting proper power.	Check that AC/DC transformer is plugged in correctly.
AC TROUBLE	The system AC is low or missing.	Check that the AC connections are good.
BATTERY TROUBLE	The System battery is either low or missing.	Check that the battery connections are good and the battery is still good.
SYSTEM TROUBLE or **SERVICE REQUIRED**	There is a problem with one or more components in the system.	Press the RESET button for 1-2 seconds.
SYSTEM BUSY	The system is performing another task with a higher priority.	Wait a few moments for the system to complete the task. If the message displays for a long period of time, the processor could be locked up.
TRANSMIT FAIL	The panel has attempted to communicate with the central station 10 times and has not succeeded.	Verify your communication type, account number, and IP address.
ENTER CODE (When entering Programming)	A lockout code has been programmed for the panel.	Enter the lockout code.

LISTED COMPLIANCE SPECIFICATIONS

The programming and installation specifications contained in this section must be completed when installing the XTLplus Series panel in accordance with any of the ANSI/UL or SIA burglary standards. Additional specifications may be required by a particular standard.

Use Marking

Commercial Central Station, Household Burglar Control Unit.

Locations and Wiring

Locations and wiring methods shall be in accordance with the National Electrical Code, ANSI/NFPA 70 and the Standard for Installation and Classification of Burglar and Holdup Alarm Systems, UL 681.

NFPA 72

This equipment should be installed in accordance with Chapter 29 of the National Fire Alarm Code, ANSI/NFPA 72, (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment.

⚠️ **Warning:** Owner's instruction notice, not to be removed by anyone except occupant.

Types Of Service

Suitable for Central Station Burglar. Suitable for Household Fire and Household Burglar. Test weekly.

Police Station Phone Numbers

The XTLplus must not be programmed to communicate with a police station.

Bypass Reports

The bypass reports must be programmed as YES for all listed burglary applications.

System Testing

The system must be tested once per week and checked by a qualified technician once every three (3) years.

Z-WAVE CERTIFICATION INFORMATION

Removing or Replacing Failed Devices

If a device fails, users can remove or replace the device through the User Menu.

1. Press **CMD** until MENU? YES NO appears, then press **YES**.
2. After accessing the User Menu, press **CMD** until ZWAVE SETUP? appears. Press any Select Key or Area.
3. Select **LIST** and press **CMD** until the device you are removing or replacing displays. Then, press any Select Key or Area to select the device.
4. Select **STATUS**. The status of the device displays as either OKAY or FAILED. If the device fails, REMOVE FAILED DEVICE displays.
5. Select **YES** to remove the device. Press the second Select Key or Area to replace the device.
6. If you chose to replace the device, PROCESSING displays.
7. When prompted, press the button (or series of buttons if adding a thermostat) on the replacement device.
8. The keypad displays that the device has connected to your system.

Note: The replacement device keeps the orinigal device's name.

Z-Wave Terminology

Primary Controller

This is the main device used to set up and control your Z-Wave network. There can only be one primary controller and it can be used to add or delete devices. A primary controller can be a portable device like a hand-held remote, a static controller (permanently installed & never moved), a Z-Wave enabled PC or a Z-Wave enabled Ethernet router/bridge.

Secondary Controller

The Z-Wave network supports multiple controllers so that additional Z-Wave remote controllers can be used throughout the home. If the secondary controller is the same brand and model as the primary, it will have all the same capabilities as the primary.

Home Control Network

The controllers and every Z-Wave device added with the primary controller are linked together into a wireless network. Each device in the network has a unique address assigned to it and cannot be activated by a neighbor's Z-Wave controller.

Light/Node/Device

Node is the technical term used to describe a Z-Wave device in a home control network. Please note that the terms "Node," "Device," and "Light" all refer to an individual Z-Wave enabled device and are interchangeable within the context of these instructions.

Z-Wave Certification

► The XTLplus is a Z-Wave Security enabled device.
► The XTLplus can be added to an existing network as a secondary controller using the Learn (LRN) process.
► The XTLplus is compatible with Z-Wave devices from all manufacturers.
► The XTLplus can perform a Factory Default Reset by initializing defaults in the panel programming menu.
► The XTLplus only supports group one with a maximum of one node.
► The XTLplus takes no action when a basic set command is received.

COMPLIANCE

HOUSEHOLD BURGLAR-ALARM SYSTEM UNITS - ANSI/UL 1023	
Bell Cutoff	The bell cutoff time cannot be less than 4 minutes.
Entry Delay	The maximum entry delay used must not be more than 45 seconds.
Exit Delay	The maximum exit delay used must not be more than 60 seconds.
Wireless External Contact	When used, the External Contact of 1101, 1102, or 1106 transmitters must be programmed Normally Closed.
Wireless Supervision Time	The Zone Information Supervision Time cannot be set to 0 (zero).
Wireless Audible Annunciation	The Wireless Audible option must be selected as **DAY** for residential applications.
Panel Location	Mount panel inside protected area.
Test Frequency	The Test Frequency option must be programmed to send a report at least once every 30 days.

CENTRAL STATION BURGLAR ALARM UNITS - ANSI/UL 1610	
Supervision	Commercial Burglary is provided when the Check-in and Fail Time time is set to 3 minutes.
Remote Disarm	**REMOTE DISARM** must be programmed as **NO**.
Central Station	**MESSAGE TO TRANSMIT** programming for zones must not be set to local (**L**).

HOUSEHOLD FIRE WARNING SYSTEM - ANSI/UL 985 NFPA 72 SPECIFICATIONS	
Bell Output Definition	The bell output of the Model XTLplus must be programmed to operate steady on burglary alarms and temporal on fire alarms.
Household System	An alarm sounding device must be installed indoors so that it is clearly heard in all sleeping areas.
Wireless Supervision Time	The Zone Information Supervision Time must be 3 minutes for fire devices.
Wireless Fire Verification	When used, wireless smoke detectors must not be programmed as Fire Verification (FV) zone type.
Battery Standby	For listed applications, the panel must have 24 Hour battery standby operation. The Model XTL+BAT3500 battery should be used for fire installations.
Test Frequency	The Test Frequency option must be programmed to send a report at least once every 30 days.

False Alarm Reduction Programmable Options - ANSI/SIA CP-01-2010

Shipping Defaults and Recommended Programming

SIA CP-01 DESCRIPTION	PROGRAMMING SECTION	REQUIREMENT	RANGE	SHIPPING DEFAULT	RECOMMENDED PROGRAMMING*
Exit Time	Exit Delay	Required (Programmable)	45 sec. - 250 sec.	60 Seconds	60 Seconds
Progress Annunciation	Prewarn Address	Allowed	Individual keypads may be disabled per zone	All keypads enabled	All keypads enabled
Exit Time Restart	Exit Delay	Required Option	For re-entry during exit time	Enabled	Enabled
Auto Stay Arm on Unvacated Premises	Occupied Premise - See Install Guide	Required Option (except for remote arming)	Occupied Premise NO/YES option	Enabled	Enabled Yes for Residential Applications
Exit Time and Progress Annunciation/Disable - for Remote Arm	Not Available on Remote Arming	Allowed Option	Progress Annunciation Always disabled for Remote Arming	Not Available	Remote Arming not allowed for CP-01 installations.
Entry Delay(s)	Entry Delay	Required (Programmable) Only use Entry Delay 1. Do not use Entry Delay 2.	30 sec. – 240 Sec. **	30 Seconds	At least 30 Seconds **
Abort Window – for Non-Fire Zones	Transmit Delay	Required Option	Disable by zone or zone type	Enabled NT DY EX Zone	Enabled
Abort Window Time – for Non-Fire Zones	Transmit Delay	Required (Programmable)	20 sec., 30 sec., or 40 sec. **	30 Seconds	At least 20 Seconds **
Abort Annunciation	Transmit Delay	Required Option	Annunciate that no alarm was transmitted	Yes	Yes
Cancel Annunciation	Always Enabled - Not Programmable	Required Option	Annunciate that a Cancel was transmitted (S49)	Always Enabled	Yes
Duress Feature	User Code + 1 = Ambush Code Not Available	Allowed Option	No 1 + derivative of another user code/no duplicates with other user codes	Code +1 Always Disabled	Not Programmable
Cross Zoning	Cross Zone	Required Option	Yes/No Zone Programming	No	Enabled using two or more programmed zones
Programmable Cross Zoning Time	Cross Zone Time	Allowed	4 sec. - 250 sec.	0 Seconds	Per walk path in protected premises
Swinger Shutdown	Not Available - Always On	Required	1-6 trips	2 trips	2 trips
Swinger Shutdown Disable	Swinger Bypass	Allowed	For non-police response zones	Yes	Enabled (all zones)
Fire Alarm Verification	Zone Type	Required Option	FV Type Zone	No	Yes as required (unless sensors can self verify)
System Test	Walk Test	Allowed	Test all protection devices	N/A	N/A
Communications	Walk Test	Not Allowed	N/A	N/A	N/A

* Programming at installation may be subordinate to other listed requirements for the intended application.
** For listed Installations, combined Entry Delay and Transmit Delay should not exceed 1 minute.

Local Bell
All non-fire zones such as Night, Day, Exit, Aux 1 and Aux 2 must be programmed for local bell enabled with a bell cutoff time set to a minimum of 6 minutes to provide a cancel window of 5 minutes or greater. This does not apply to manually operated zone types such as Panic and Emergency. The requirements are superseded by any requirements for Commercial Burglar, Household Fire Warning, or Household Burglar applications.

Minimum Installation Requirements: SIA CP-01-2010 minimum system installation requirements include an XTLplus, an 1135 Wireless Siren, a 9000 Series Wireless keypad, and communication to an SCS-1R receiver.

SPECIFICATIONS

Power Supply: Model 372-500-W Plug-In DC Power Supply

Input	120 VAC, 60 Hz
Output	12 VDC
Standby Battery	DMP 3.8 VDC Lithium, 800 mAh
Optional Standby Battery	DMP 3.8 VDC Lithium, 3500 mAh

All circuits inherent power limited

Enclosure

Size	5.50 W x 3.75 H x 1.00 D inches 13.97 W x 9.53 H x 2.54 D cm
Color	White

Communication

Optional 265LTE Series Cellular Communicator to send messages to DMP Model SCS-1R or SCS-VR Central Station Receivers.

Built-in Wi-Fi network or hardwired Ethernet alarm signal communication to DMP Model SCS-1R or SCS-VR Central Station Receivers.

Keypads

You can associate up to seven 9000 Series Thinline Keypads or 9862 Series Graphic Touchscreen Keypads, or one 7463 Network Keypad.

Number of Zones

XTLplus Series has 99 wireless initiating zones numbered 1-99.

Zone and Output numbers 51 to 54 and 61 to 64 can support 1144 Series Key Fobs, Output Modules, or sirens.

CERTIFICATIONS

FCC Wireless Receiver and Z-Wave Approvals

FCC ID:	CCKPC0181
IC:	5251A-PC0181

FCC Wi-Fi Network Approvals

FCC ID:	VW4-ATWINC1500
IC:	20266-WINC1500PB

Intertek (ETL) Listed

ANSI/UL 1023	Household Burglar
ANSI/UL 1610	Central Station Burglar
ANSI/UL 985	Household Fire

California State Marshall (CSFM)

FCC Information

This equipment generates and uses radio frequency energy and, if not installed and used properly in strict accordance with the manufacturer's instructions, may cause interference with radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specification in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the installer is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the computer with respect to the receiver
- Move the computer away from the receiver
- Plug the computer into a different outlet so that computer and receiver are on different branch circuits

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and any part of your body.

This device must not be collocated or operating in conjunction with any other antenna or transmitter.

This device has been designed to operate with the integrated 1100 Series PCB antenna having a maximum gain of 1.0 dB. Antennas having a gain greater than 1.0 dB are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If necessary, the installer should consult the dealer or an experienced radio/television technician for additional suggestions. The installer may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to identify and Resolve Radio-TV Interference Problems."

Industry Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.