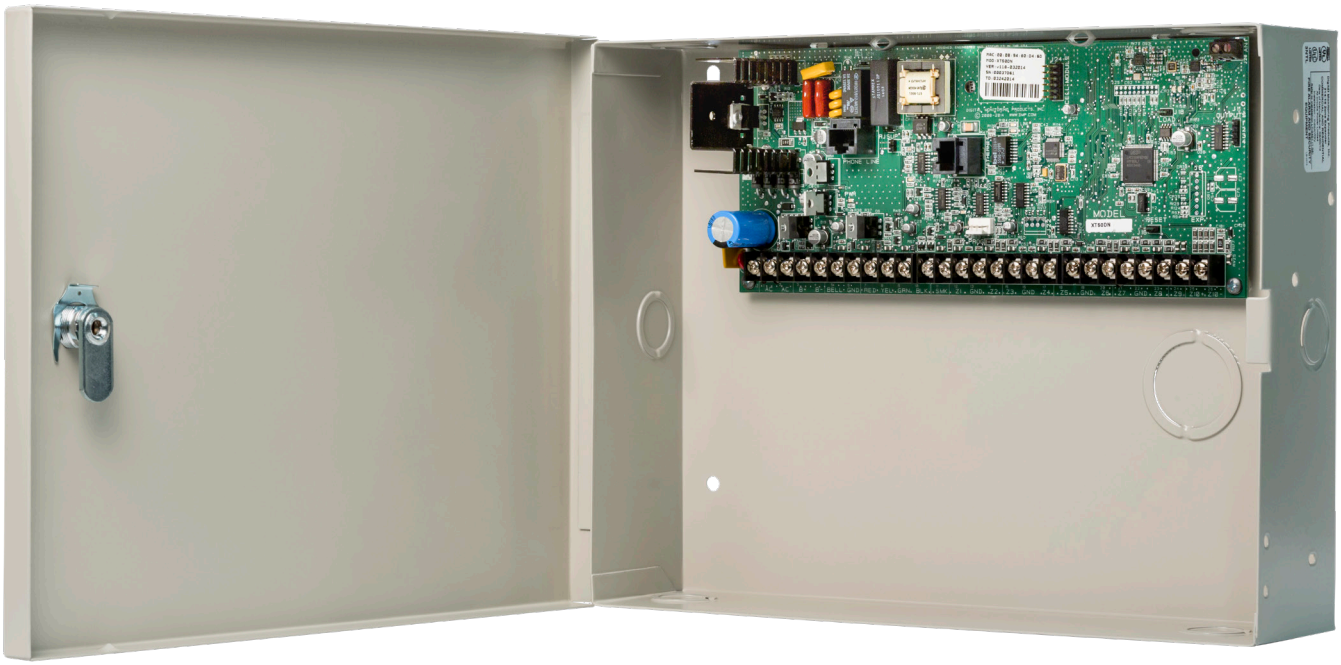

PROGRAMMING GUIDE

XT SERIES

DIGITAL MONITORING PRODUCTS, INC.

MODEL XT30/XT50 SERIES
PROGRAMMING 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.

FCC Notice

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

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."

This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402

Stock No. 004-000-00345-4

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

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This information is subject to change without notice.

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INTRODUCTION

BEFORE YOU BEGIN

The information in this document enables you to quickly learn the programming options and operational capabilities of the XT30/XT50 Series panel.

In addition to this manual, you should also be familiar with the following XT30/XT50 documents:

- Installation Guide (LT-0980)
- User Guide (LT-0982)
- Programming Sheet (LT-0983)
- Fast Programming Sheet (LT-0983F)

GETTING STARTED

Before starting to program the panel, make sure the panel is properly grounded and AC and battery power is applied to the appropriate panel terminals. All wiring connections and grounding instructions are detailed in the XT30/XT50 Installation Guide (LT-0980).

PROGRAMMING OPTIONS

System programming can be done from a hardwired or wireless keypad, or Dealer Admin (dealer.securecomwireless.com). This guide will focus primarily on programming from a hardwired or wireless keypad.

QUICK REFERENCE

XT30		**XT50**	
Total Number of Zones	42	Total Number of Zones	58
Number of Possible Hardwired Zones	42	Number of Possible Hardwired Zones	42
Number of Possible Wireless Zones	32	Number of Possible Wireless Zones	48
Number of Areas	6	Number of Areas	6
Event Buffer	100	Event Buffer	200
Number of User Codes	30	Number of User Codes	99
Number of Door Access Points	8	Number of Door Access Points	8
Number of Supervised Keypads	8	Number of Supervised Keypads	8

Onboard Panel Outputs	1-4
31-34	Slow response time wireless outputs (activates within 15 seconds)
41-44	Fast response time wireless outputs (activates within 1 second)
F1 - F20	Used for Z-Wave favorites

To arm non-area systems, enter your 4-digit code. Do NOT press CMD after.

ACCESSING THE USER MENU

XT30/XT50 panels ship with a unique four-digit default master code that is used to access the user menu for the first time. 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:

1. Press the **CMD** key until **MENU? NO YES** displays.
2. Select **YES**. The keypad displays **ENTER CODE**. Enter your user code. You can now scroll down through the list of system features available to you.

BEGIN A PROGRAMMING SESSION

To access the programmer function of the XT30/XT50 from a connected keypad:

1. Set the reset jumper across the two RESET pins for two seconds.
2. Remove the reset jumper and place it over just one pin for future use.
3. Enter the code 6653 (PROG).
4. The keypad displays: PROGRAMMER.

PROGRAMMING MENU

You are now ready to start programming the XT30/XT50 panel. Pressing **CMD** scrolls you through the programming menu items listed below.

MENU ITEM	SECTION IN THIS MANUAL	MENU ITEM	SECTION IN THIS MANUAL
Initialization	2	Bell Options	10
Fast Programming	3	Output Options	11
Communication	4	Output Setup	12
Network Options	5	Area Information	13
Device Setup	6	Stop	14
Remote Options	7	Set Lockout Code	15
System Reports	8		
System Options	9		

To select a section for programming, press any select key or area when the name of that section displays on the keypad.

RESET TIMEOUT

The XT30/XT50 has a feature that requires you to enter the Programmer within 30 minutes of resetting the panel. After 30 minutes, if you attempt to program by entering the 6653 (PROG) code, the keypad displays: RESET PANEL.

KEYPADS

Use a 32-character hardwired or wireless keypad to complete the panel programming. Programming cannot be accessed using an Icon Series keypad.

SPECIAL KEYS

The following special keys or areas are common to all DMP keypads.

COMMAND (CMD) Key

Pressing **CMD** allows you to go forward 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. If no change is required for an option, press **CMD** to advance to the next step.

CMD is also used to enter information into the panel's memory. Press **CMD** after entering information.

Back Arrow (<—) Key

Use the Back Arrow key to back up one step while programming. Press the Back Arrow key once to erase the last character entered.

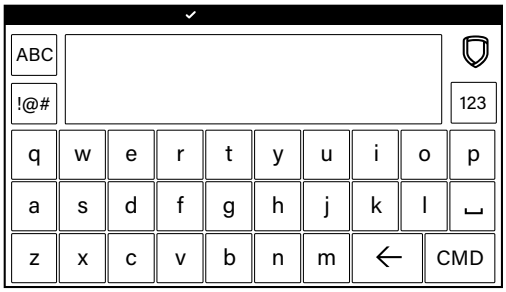
Select Keys or Areas

The top row of keys are called the select keys on Thinline and Aqualite keypads or select areas on Graphic Touchscreen keypads.

During programming, the select keys or areas also allow you to change information currently in panel memory by pressing the appropriate select key or area under or on the display.

When there are more than four response options available, press **CMD** to display the next one to four options. Pressing the Back Arrow key allows you to review the previous four choices. Press any select key or touch the select area when the programming section name you want displays.

ENTERING CHARACTERS USING THE STANDARD KEYBOARD (GRAPHIC TOUCHSCREEN KEYPADS)



- Press ABC to access uppercase letters.
- Press abc to access lowercase letters.
- Press !@# to access symbols.
- Press 123 to access the Standard DMP Keypad.

  Keep in mind that not all keypad prompts accept letters and/or symbols.

ENTERING CHARACTERS USING THE NUMBER PAD

1. Choose a character from the table.
2. Identify the Number the character correlates with and press it on the keypad.
3. Identify the Select Key or Area for that character and press that select key or area on the keypad. To access the lowercase letter, press that select key or area again.
4. 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	-, +	., ‘	*, <	# >

KEYPAD DISPLAYS CURRENT PROGRAMMING

Each programming option displayed at the keypad shows the currently selected option in the panel memory. To change a programming option that requires a NO or YES response, press the select key or touch the select area for the response not selected.

For example, if the current option is selected as YES and you want to change it to NO, on Thinline or Aqualite keypads press the third top row select key. On Graphic Touchscreen keypads touch select area 3. The display changes to NO. Press **CMD** to display the next option.

PROGRAMMER LOCKOUT CODES

Although the XT30/XT50 panels allow you to access the Programmer menu without a lockout code, it is recommended you program one to restrict programming access to authorized individuals only. You can do this by using SET LOCKOUT CODE at the end of the programming menu.

Installing a lockout code

1. After entering the Programmer menu, the keypad displays PROGRAMMER. Press **CMD** until SET LOCKOUT CODE is displayed (after STOP).
2. Press any select key or area. At the ENTER CODE: - display, enter a 1- to 5-digit programmer lockout code. Press **CMD**.
3. The displays shows ENTER AGAIN. Enter the same lockout code again and press **CMD**. The display shows CODE CHANGED. The new code number must now be entered before the Programmer menu can be accessed.

Lost Lockout Code requires factory reset: The lockout code should be written down and kept in a secure place with access limited to authorized persons only. If you lose or forget the lockout code, the panel must be sent back to the factory to be reset.

INITIALIZATION

INITIALIZATION

Initialization

This function enables 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 codes intact.

YES clears the user code memory and assigns the user code number 99 to user 30 on the XT30, and user code number 99 to user 99 on the XT50.

SCHEDS? NO YES

Clear All Schedules

NO leaves existing schedules intact.

YES clears all schedules from the XT30 or XT50 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 *

COMMS? NO YES

Clear Communication

NO leaves existing communication and network intact.

YES clears communication and network programming to factory defaults.

WIFI? NO YES

Clear Wi-Fi

NO leaves existing Wi-Fi programming intact.

YES clears Wi-Fi programming to factory defaults.

DEFAULTS? NO YES

Set to Factory Defaults

NO leaves the remainder of the existing panel programming intact.

YES sets the panel's programming back to factory default selections and clears all Favorites, Device Setup, System Options, and Remote Options programming from the panel. Selecting YES does not clear the panel's event memory, zone, user code information, or schedules.

FAST PROGRAMMING

FAST PROGRAM

Fast Program

The Fast Program section allows you to quickly configure the essential settings for XT30/XT50 Series panels. 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 all of the programming menus. After choosing FAST PROGRAM, continue through the list of options.

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**.

COMM TYPE: **DD**

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:

DD CID NET CELL

WIFI NONE

DD - Digital Dialer communication to DMP SCS-1R.
CID - Contact ID dialer communication to non-DMP receivers. This format sends the report codes in the Ademco Contact ID communication format.
NET - Network communication to DMP Model SCS-1R Receivers or SCS-VR Receivers.
CELL - Cellular communication to DMP Model SCS-1R or SCS-VR Receivers.
WIFI - Network communication to DMP Model SCS-1R or SCS-VR Receivers.
NONE - For local systems. Selecting this ends communication programming.

The Backup Dialer, Backup Cellular, Check-in Minutes, and Failed Minutes options revert to their default values when the communication type is changed. All other communication programming items remain at their programmed values.

FIRST IP ADDR
0.0.0.0

First IP Address

Enter the first (primary) IP address and press **CMD**. The panel displays WPS? NO YES. Press the fourth select 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.

FIRST PHONE NO:
-

First Telephone Number

Enter the first number the panel dials to send reports to this receiver. A phone number may contain two lines of 16 characters to equal 32 characters.
P - Three-second pause in the dialing sequence.
D - Dial tone detect. These characters are counted as part of the 32 characters.
Call Waiting - * 7 0 P" (Star, Seven, Zero, Pause) in the telephone number first position cancels Call Waiting.

Caution: A call waiting cancel programmed on a non-call waiting telephone line would prevent communication to the central station.

WIFI SETUP

Wi-Fi Setup

This option is for connecting to the desired Wi-Fi network and will display only when Comm Type is set to Wi-Fi. Press any select key or area to select.

WPS LIST MANUAL
TEST

WPS - Choose WPS to automatically connect to a WPS enabled router.

LIST - See the name and signal strength of any Wi-Fi routers in range.

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

Pressing **CMD** displays TEST. To select TEST press the first select key or area to verify connection of your system to the Wi-Fi network.

SEARCHING

WPS

When WPS is selected, SEARCHING displays for up to two minutes or until connected to the WPS enabled router. Press the WPS button on the Wi-Fi network router to which you are attempting to connect. Refer to the router's instruction manual for sending a security key to the XT30/XT50 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.

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: HOME/AWAY
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 41. See Output Setup.

ZONE NO: -

Zone Number

Enter the zone number to program. See Zone Information.

DEFAULT NAME

Zone Name

Press any select area to display the default zone name. To change the default zone name, press any select 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 area. See Zone Information.

AREA: -

Area Assignment

To change the default area, press any select area.

SERIAL #: -

Serial Number Entry

Enter the eight 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** until STOP displays and press any select area to exit the Fast Program function and save the programming. See Stop.

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 XT30/XT50 panel.

ACCOUNT NO: **12345**

Account Number

Enter the account number sent to the receiver.

DD, NET, CELL - The range of account numbers for Digital Dialer, Network, and Cell is 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.

CID - The account number range for this format is 1 - 9999.

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 bell and relay outputs are not delayed during this period. Enter 0 (zero) to disable this function. The default is **30**.

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.

COMM TYPE:

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:

DD NET CID

WIFI NONE

DD - Digital Dialer communication to DMP SCS-1R.
CID - Contact ID dialer communication to non-DMP receivers. This format sends the report codes in the Ademco Contact ID communication format.
NET - Network communication to DMP Model SCS-1R Receivers or SCS-VR Receivers.
CELL - Cellular communication to DMP Model SCS-1R or SCS-VR Receivers.
WIFI - Network communication to DMP Model SCS-1R or SCS-VR Receivers.
NONE - For local systems. Selecting this ends communication programming.

The Backup Dialer, Backup Cellular, Check-in Minutes, and Failed Minutes options revert to their default values when the communication type is changed. All other communication programming items remain at their programmed values.

BACKUP DIALER
NO YES

Backup Dialer

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

BACKUP CELL
NO YES

Backup Cellular

Backup Cellular option is available if COMM TYPE is set for NET, DD, or CID. The Backup Cellular tries to send the message after the main communication fails for 60 seconds on NET and 10 dial attempts with DD or CID. If the backup cellular fails then the message is discarded.

Note: Backup Cellular does not send Check-in messages.

TEST TIME
00:00 AM PM

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.

NET TEST DAYS: 1

Test Days

Enter how often the panel test report is sent to the receiver for each communication type programmed. Enter from 1 to 60 days. Enter zero to disable the test report. Default is **1 (one) day**. These options only display if a test time is entered and that particular communication method is being used.

CHECKIN MINUTES

Check-In Minutes

Enter the number of minutes (3 to 240) between check-in reports for Cell, Net, or WiFi primary communication. Check-in reports are a method of supervising the panel for communication with the receiver for Cell, Net, or WiFi communication. Enter 0 (zero) to disable this feature. The default Check-in Time is **0**.

FAIL TIME: -

Fail Time

Fail Time allows the receiver to miss a defined number of check-in minutes before logging that the panel is missing. For example, if CHECKIN minutes is 20 and Fail TIME minutes is 30, the receiver only indicates a Panel Not Responding after 30 minutes. The Fail TIME must be equal to or greater than the CHECKIN minutes: If the CHECKIN is 20 minutes, the FAIL TIME must be 20 or more. The maximum FAIL TIME is 240 minutes. The default FAIL TIME is **240 minutes**.

Closing Wait Operation

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

Closing Wait delays arming until the panel receives acknowledgement of the closing report from the monitoring center. 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**.

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.

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

APN
SECURECOM400

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 XT30/XT50 panel attempts to contact when sending reports. The XT30/XT50 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, Door Access, Schedule and Code Changes, Bypass, and Sensor Reset reports by user to be sent to this receiver. Default is **YES**.

TEST RPT NO **YES**

Test Report

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

FIRST PHONE NO:
-

First Telephone Number

Enter the first number the panel dials to send reports to this receiver. A phone number may contain two lines of 16 characters to equal 32 characters. You can program a three-second pause in the dialing sequence by entering P. Program a dial tone detect by entering D. These characters are counted as part of the 32 characters.

Call Waiting: This feature is only used if still using dialer communication. You can place the "* 7 0 P" (Star, Seven, Zero, Pause) in the telephone number first position to cancel Call Waiting. For example, program NET with second line DD and phone number *70P555-1212, and you have NET with Call Waiting cancelled on the second line. A call waiting cancel programmed on a non-call waiting telephone line would prevent communication to the central station.

SECOND PHONE NO:
-

Second Telephone Number

The panel dials the second number after two successive attempts failed using the first number. If the panel cannot reach this receiver after two attempts using the second number, it returns to the first number and makes two additional attempts. A total of ten dialing attempts are made using the first and second phone numbers. If a second phone number is not entered, the first phone number is used for all dialing attempts. Each number can be up to two lines of 16 characters to equal 32 characters in length, including any P, D, or *70P characters entered for pause, dial tone detect, or call waiting cancel option.

FIRST IP ADDR
0.0.0.0

First IP Address

Enter the First (primary) IP Address where the panel sends network or cell messages. The IP address must be unique and cannot be duplicated on the network. Enter all 12 digits and leave out the periods.

For NET: The First and Second IP addresses are alternately used for 8-second intervals until successful communication or 1 minute elapses.

For Cell: The message is sent using First GPRS APN and the First IP Address. If no acknowledgment is received, First GPRS APN and the Second IP Address are used, followed, if needed, by the 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
0.0.0.0

Second IP Address

Enter the Second IP Address where the panel sends network messages. The IP address must be unique and cannot be duplicated on the network. Enter all 12 digits and leave out the periods.

Note: The second IP address should use a different ISP and connect to the same receiver line card or SCS-VR group as the IP programmed in **First IP Address**. If the second IP address connects to a different line card or group, enable **Receiver 2 Programming** and **Receiver 2 Backup**.

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 XT30/XT50 panel attempts to contact when sending reports. If you select YES for any of the Receiver 2 options, you must have at least one phone number or 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, Schedule and Code Changes, Bypass, and Sensor Reset 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 PHONE NO:
-

First Telephone Number

Enter the first number the panel dials to send reports to this receiver. A phone number may contain two lines of 16 characters to equal 32 characters. You can program a three-second pause in the dialing sequence by entering P. Program a dial tone detect by entering D. These characters are counted as part of the 32 characters.

Call Waiting: You can place the "* 7 0 P" (Star, Seven, Zero, Pause) in the telephone number first position to cancel Call Waiting. For example, program NET with second line DD and phone number *70P555-1212, and you have NET with Call Waiting cancelled on the second line. A call waiting cancel programmed on a non-call waiting telephone line would prevent communication to the central station.

SECOND PHONE NO:
-

Second Telephone Number

The panel dials the second number after two successive attempts failed using the first number. If the panel cannot reach this receiver after two attempts using the second number, it returns to the first number and makes two additional attempts. A total of ten dialing attempts are made using the first and second phone numbers. If a second phone number is not entered, the first phone number is used for all dialing attempts. Each number can be up to two lines of 16 characters to equal 32 characters in length, including any P, D, or *70P characters entered for pause, dial tone detect, or call waiting cancel option.

FIRST IP ADDR
0.0.0.0

First IP Address

Enter the First (primary) IP Address where the panel sends network or cell messages. The IP address must be unique and cannot be duplicated on the network. Enter all 12 digits and leave out the periods.

For NET: The First and Second IP addresses are alternately used for 8 second intervals until successful communication or 1 minute elapses.

For Cell: The message is sent using First GPRS APN and the First IP Address. If no acknowledgment is received, First GPRS APN and the Second IP address are used, followed, if needed, by Second GPRS 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
0.0.0.0

Second IP Address

Enter the Second IP Address where the panel sends network messages. The IP address must be unique and cannot be duplicated on the network. Enter all 12 digits and leave out the periods.

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**.

Note: The second IP address should use a different ISP and connect to the same receiver line card or SCS-VR group as the IP programmed in **First IP Address**.

NETWORK OPTIONS

Network Options are provided to define the network configuration for the panel. This information will be used during communication of messages via network. Wi-Fi must be selected as Communication Type in the Communication section for Wi-Fi Setup to display. The 763 Wi-Fi Module is required in order to use Wi-Fi communication.

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.

NETWORK OPTIONS

Network Options

This option is for configuring the desired network settings. Press any select key or area to select.

WIFI SETUP

Wi-Fi Setup

This option is for connecting to the desired Wi-Fi network and will display only when Comm Type is set to Wi-Fi. Press any select key or area to select.

WPS LIST MANUAL
TEST

WPS - Automatically connects to a WPS enabled router.
LIST - Displays the names 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 connection of your system to the Wi-Fi 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 XT30/XT50 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 XXXXXX
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 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

WIFI SETUP
ENTER SSID

SSID
SSID FOUND

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.

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.

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.

KEY 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	-, +	., ′	*, <	#, >

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

SSID
SSID NOT FOUND

If the 763 Wi-Fi Module is unable to connect to the desired network and 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 763 Wi-Fi module will attempt to verify connection of your system to the selected Wi-Fi network.

W/L SECURITY
WPA-PSK

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.

W/L SECURITY
WEP WPA 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 KEY
****

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 (See the chart above to enter lowercase or special characters).
WPA/WPA-PSK uses a custom key that allows 8 to 32 characters.

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 Wi-Fi SETUP main screen.

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. When the DHCP option is set to NO, the panel uses the IP address entered in Local IP Address. The default value for DHCP mode is **NO**.

LOCAL IP ADDRESS **192 .168.0.250**

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 ADDRESS **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 **255.255.255.0**

Subnet Mask

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

DNS SERVER **192.168.0.1**

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**.

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 XT30/XT50 panel keypad configuration, as well as add devices like doors, the 1100T, and wireless devices. You can add up to 8 keypads to the system.

DEVICE NO: -

Device Number

Enter the number of the device you are programming. The valid range is 1-8.

After you program each option for the first device, repeat these programming steps for each additional device.

* 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 734 and 1134 devices. Default is **NO**. The door device type is only for devices 2-8 on XT30/XT50 panels.

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 seven hardwired network keypads and 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 (763 Module)	1 network keypad (if **Programming Port** is set to any value)
Wi-Fi Only (763 Module)	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 XT30/XT50 panel.

1100T? **NO** YES

1100T

The 1100T allows you to use compatible non-DMP (competitor) wireless with an XT30/XT50 panel.

Select YES to use an 1100T Wireless Translator. Select NO to move to the next prompt. Default is **NO**. 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.

WIRELESS? **NO** YES

Wireless

Select YES to use a wireless keypad or an 1134. Select NO to use a wired keypad or 734. Default is **NO**. You can install and address up to seven wireless devices.

SERIAL #:XXXXXXXX

Serial Number

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

SUPERVSN 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 device.

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

This section allows you to enter the information needed for Remote Command/Remote Programming operation.

REMOTE 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 remote connection 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 8 digits. The numbers you enter appear as asterisks. Press **CMD**.

MANUFACTURER AUTH? **NO** YES

Manufacturer Authorization

Select YES to allow DMP service technicians to access the panel when required during system service or troubleshooting. This authorization automatically expires within one hour.

DMP remote service is provided on a read only basis: DMP technicians can look at the system programming and make suggestions only.

ARMED RINGS: **8**

Armed Rings

Enter the number of rings the panel counts within a two-minute period before answering the phone line when all areas of the system are armed. Any number from 1 to 15 can be entered. If zero is entered, the panel does not answer the phone when all areas of the system are armed. Default is **8**. Entering a number greater than zero into either Armed Rings or Disarmed Rings, allows a central station operator to connect remotely with the panel.

DISARM RINGS: **8**

Disarmed Rings

Enter the number of rings the panel counts before answering the phone line while any areas of the system are disarmed. Any number from 1 to 15 can be entered. If zero (0) is entered, the panel does not answer the phone when any area of the system is disarmed. Default is **8**.

ALR RCVR **NO** YES

Alarm Receiver Authorization

Enter YES to enable remote commands and programming to be accepted from the alarm SCS-1R Receiver. The Remote Key option may also be required.

When YES is selected, the panel requests the alarm receiver key during its first alarm communication with the first SCS-1R receiver. The panel retains this alarm receiver key in memory and allows remote commands to be accepted from the alarm receiver. If an alarm occurs during a remote connect, the alarm report is immediately sent to this receiver only.

When NO is selected, remote commands and programming are not accepted from the alarm SCS-1R receiver.

SVC RCVR NO **YES**

Service Receiver Authorization

YES enables remote commands and programming to be accepted from a secondary service receiver other than the alarm SCS-1R Receiver. The Remote Key option may also be required. It is important that the alarm receiver key and the service receiver key programmed at the central station are NOT the same so the panel can determine the difference between receivers.

With YES selected, the panel requests the service receiver key the first time it is contacted by the service receiver. The panel retains this service receiver key in memory and accepts remote commands from the service receiver.

If an alarm occurs during a remote connect, the panel disconnects from the service receiver and calls the alarm receiver. Alarm reports are only sent to the alarm receiver. When NO is selected, remote commands and programming are not accepted from a secondary service receiver.

REMOTE DISARM?
NO **YES**

Remote Disarm

Enter YES to enable the panel to be disarmed remotely. Selecting NO disables remote disarming. Default is **YES**.

APP KEY:

App Key (For EASYconnect only)

Enter the 8-digit App Key obtained in your Dealer Settings tab at dealer.securecomwireless.com.

This communication option is only available for XT panels with onboard network and is used to eliminate the need for a static IP address programmed in Network Options.

To enter a new App Key, press any select key or area and enter any combination of 8 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 XT30/XT50 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 alarmed zones 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, if the communication type is not CID. Default is **NO**.

The panel will not send Abort reports for Fire zones, Fire Verify, 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 also 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**, 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**, which disables the Early to Close option.

ENTRY CHECKIN
NO YES

Entry Check-in Protection

This feature is used primarily for residential systems when Check-In messages are not used.

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 fail time for this check-in message is 0 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 **NO**.

SYSTEM
INFO **NO** YES

Send System Information

If **YES** is selected, the panel family and panel serial number appear as additional identifiers on the end of the Serial 3 message sent to the monitoring center. The addition of the panel family and panel serial number helps monitoring center operators identify the correct system if two panels unintentionally use the same account number.

If **NO** is selected, the Serial 3 message does not include the panel family or panel serial number identifiers. Default is **NO**.

Note: This feature requires a SCS-VR Virtual Receiver or an SCS-1R Network Enabled Receiver with the SCS-150 Main Processor Card at firmware Version 108 (9/23/25).

SYSTEM OPTIONS

SYSTEM OPTIONS

System Options

This section allows you to select system wide parameters used in the operation of the XT30/XT50 system.

SYSTEM: HOME/AWAY
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/Sleep/Away system (Perimeter, Interior, and Bedrooms).

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

CLS CODE **NO** YES

Closing Code

When YES is selected, a closing code is required for system arming. If NO is selected, a closing 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 will be sent to the central station. Default is **NO**.

ENTRY DLY 1: 30
ENTRY DLY 2: 60

Entry Delay 1

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 will be 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 DELAY: **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: 4

Cross Zone Time

Enter the time allowed between zone 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.

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.

SWGRBYPS TRIPS: 2

Swinger Bypass Trips

Swinger Bypass allows the panel to bypass a zone from the system to avoid repeated false alarms caused by wind, rain, or other environmental factors while still tracking alarm sensor activity.
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**.

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. The panel hour timer starts at 59 minutes past the hour. If the hour timer expires before the trip counter is exceeded, the trip counter returns to 0 (zero). If the trip counter is exceeded before the hour expires, the zone is automatically bypassed by the panel. A Bypass Report is sent to the receiver if Bypass Reports is YES.

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**.

PHONE ACC **NO** YES

Telephone Access

YES allows the use of standard Dual Tone Multi Frequency (DTMF) telephones to arm and disarm and check the armed status of the XT30/XT50 panel.

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

This allows selection of 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.

REQUEST TIME CHG
NO **SCS** SCW

Time Zone Changes

This option allows the panel to request automatic time changes from SecureCom Wireless® or the DMP SCS-1R or SCS-VR Receiver on Path 1. For the SCS receiver to send time changes, program it to send time changes and receive time change updates from the network automation computer at least every 24 hours. The default is SCS.

Select **NO** to not request time changes.

Select **SCS** to request time changes from the SCS-1R or SCS-VR Receiver.

Select **SCW** to request time changes from SecureCom Wireless.

DST? NO **YES**

This option only displays if you selected SCW. The default is YES.

Select **NO** to not observe daylight saving time.

Select **YES** to observe daylight saving time.

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 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.

WIRELESS
HOUSE CODE: 0

House Code

When using a DMP wireless system, enter a house code between 1 and 50. The default is 0 (zero) indicating the DMP wireless system is not being used.
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.

When any wireless zone programming is changed in the panel, wireless receiver zone programming is updated by the panel. At that point, all wireless zones display as normal for up to 1 minute, regardless of the actual state of the zone.

DETECT WIRELESS
JAMMING: **NO** YES

Detect Wireless Jamming

This option displays when the House Code entered is for a DMP 1100D Series Wireless Receiver. 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**.

TRBL AUDIBLE: DAY

Trouble Audible Annunciation

This option allows you to choose when trouble audibles will annunciate from the keypad. 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).

Select MIN (minimum) to annunciate only Fire and Fire Verify zones during daytime hours (9 AM to 9 PM). Default is **DAY**.

BUILT IN 1100
WIRELESS NO YES

Built-In 1100 Wireless (XT50 only)

Select YES if using the built-in wireless receiver on the XT50. The XT50 (with the built-in 1100 Wireless Receiver) has 10 on-board hardwired zones, 32 wired or wireless expansion zones (11-14, 21-24, 31-34, 41-44, 51-54, 61-64, 71-74, and 81-84), and 16 additional wireless zones (80, 85-99), allowing for up to 58 total zones.

1100 ENCRYPTION
ALL BOTH **NONE**

Wireless Encryption

Encryption allows the panel to communicate with encrypted 1100 Series wireless devices that are v200 and higher. Select ALL to allow encryption for all the wireless devices programmed into the system. Select BOTH to allow both encrypted and non-encrypted wireless devices to be programmed into the system. Select NONE to not 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.

KEYPAD PANIC KEYS
ENABLED: 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 monitoring center receiver. Select YES to enable the two-button panic operation. To disable the two-button panic operation, select NO. Default is **YES**.

OCCUPIED
PREMISES: NO **YES**

Occupied Premises

For All/Perimeter or Home/Sleep/Away systems, 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 prevents a user from arming the entire system when they do not exit and remain in the premises. Select **NO** to disable this feature. Default is **YES**.

USE FALSE ALARM
QUESTION NO **YES**

Use False Alarm Question

This option allows users to investigate a burglary alarm prior to disarming the system and send an Alarm Verified or Alarm Cancelled message to the Central Station. Select YES to display IS THIS A FALSE ALARM? NO YES at the keypad in place of CANCEL VERIFY when a burglar alarm occurs. Default is **YES**.

ENTER WEATHER
ZIP CODE: **0**

Weather Zip Code

This option allows local U.S.A. weather updates to display 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 **0 (zero)**.

If using a 7800 Series keypad, the current weather conditions and the next day's forecast display as graphics on the Main Screen. All other DMP keypads display the weather information in the Status List.

EOL VALUE: XXXX

EOL Selection

Select the resistance value in kOhms that the system will expect for end of line resistors. This value adjusts the voltage threshold used to determine open, short, or normal zone conditions for zones 1-9 to either 1k or 2.2k. Default is **1k**. On zone 10, the only EOL value available is 3.3k.

CELSIUS: **NO** YES

Celsius Temperature Option

This prompt determines whether the panel should use Celsius for displayed thermostat temperatures.

BELL OPTIONS

BELL OPTIONS

Bell Options

This section allows you to program the panel bell output functions. If using the Model 1135 or 1135DB Wireless Siren for local annunciation, 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 the Bell Output remains on. If the Bell Output is manually silenced or the system is disarmed, the cutoff time is reset. Enter zero to provide continuous bell output. Default is **5**.

To support the Cancel/Verify operation on an All/Perimeter or Home/Sleep/Away system, set the Bell Cutoff Time to greater than 0.

BELL TST **NO** YES

Automatic Bell Test

When **YES** is selected, the Bell Output sounds twice 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. In addition, the Closing Wait operation is activated if Opening/Closing Reports are enabled.

Closing Wait Operation

Closing Wait delays arming until the panel receives acknowledgement of the closing report from the monitoring center. 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 the primary communication fails, but the backup communication is successful, then the message **BACKUP ALR ONLY** appears. If both primary and backup communication fail, the message **LOCAL ALARM ONLY** appears.

BELL OUTPUT: 0

Bell Output

Enter the output/Z-Wave Favorite number to follow the panel Bell terminal 5 operation for all action and off conditions. Enter 0 (zero) to disable.
When BELL ACTION below is set to T for Temporal Code 3, this Bell Output action will be Pulse for wired outputs 1-4, wireless outputs 31-34 and 41-44.

BELL ACTION . . . . .

Bell Action

This defines the type of Bell Action from zone alarms that occurs on the panel's bell terminal number 5. Trouble conditions do not activate Bell Action. There are eight zone types you can program individually for Bell Output. To provide a steady Bell Output, enter S. For a pulsed output, enter P. For a Temporal Code 3 output, enter T, and 4 for a Temporal Code 4 output. For no Bell Output, enter N.

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**.
AUX 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 panel output options. Switched Ground (open collector) outputs are available using the 4-wire output harness on the XT30/XT50 board. Wireless outputs are available when using the built-in 1100 Series Receiver of the XT50 or an 1100D Series Wireless Receiver. Refer to the XT30/XT50 Installation Guide (LT-0980) for complete information.

Select from the following output numbers:

- 1 to 4
- 31 to 34
- 41 to 44
- F1 to F20 (To Activate Z-Wave Favorites)

CO OUTS: - - - - - -

Cutoff Outputs

The cutoff outputs option allows you to define the operation of the four on-board annunciator outputs. For each programming option, enter the number of the output you wish to activate or 0 (zero) for no output. Any or all of the available outputs can be programmed here to turn off after the time specified in Output Cutoff Time. See the Output Cutoff Time section for additional information. To disable this option, press any Select key to clear the display of output numbers and then press **CMD**.

Whenever an output is assigned in Output Options, that output cannot be turned on from the User Menu.

CUTOFF TIME: 0

Output Cutoff Time

If a Cutoff Output is assigned, you can enter a Cutoff Time for the output to remain on up to 15 minutes. If the output is turned off manually, the cutoff time is reset. The Cutoff Time can be 1 - 15 minutes. Enter 0 (zero) to provide continuous output.

The output is cutoff within 60 seconds of the programmed cutoff time.

The Cutoff Timer is shared by all outputs. If a second output trips, the timer is not reset. Both outputs turn off when the original time expires.

COM FAIL OUT: 0

Communication Failure Output

This output/favorite turns on when the panel fails to communicate with the receiver after three successive dial attempts. Enter 0 (zero) to disable this output.

To turn off the Communication Failure Output, disarm the panel.

FIRE ALR OUT: 0

Fire Alarm Output

This output/Favorite 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.

PANIC ALM OUT: 0

Panic Alarm Output

This output/Favorite turns on any time a Panic Zone (PN) is placed in alarm. The output turns off using the Sensor Reset option once all Panic Zones are restored. Enter 0 (zero) to disable this output.

If a wireless output is programmed, the panel sends the Panic Test Cadence or the Panic Alarm Cadence to the output when a Panic Test is performed or a Panic Zone is placed in alarm.

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.

ENTRY OUT: 0

Entry Output

This output/Favorite turns on at the start of the entry delay time. The output turns off when the area disarms or the entry delay time expires. Enter 0 (zero) to disable.

BEG EXIT OUT: 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 OUT: 0

End Exit Output

This output/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/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/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/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.

LATE CLS OUT: 0

Late To Close Output

Enter the output/Favorite to turn on at the expiration of a closing schedule when all areas are not armed. The output activates simultaneously with the CLOSING TIME! keypad display. The output is turned off when all areas are armed, the closing is extended, or the schedule is changed.

ARM-ALARM OUT: 0

Arm-Alarm Output

Enter the output/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.
- 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 41 to 44. Fast response operation reduces overall wireless output battery life.
- To operate the Arm-Alarm output within 15 seconds, program a slow response number from 31 to 34. 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 wired and wireless outputs into the XT50 when using the onboard receiver. Wireless outputs are available when using the built-in 1100 Series Receiver of the XT50 or an 1100D/1100DH/1100DI Wireless Receiver.

OUTPUT NUMBER

Output Number

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

- 1 to 4
- 31 to 34 — Slow response time* wireless outputs (activate within 15 seconds)
- 41 to 44 — Fast response time* wireless outputs (activate within 1 second)

Addresses 31 to 34 and 41 to 44 are available for wireless outputs, keypad bus zones, wireless zones 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.

OUTPUT NAME

Output Name

This section allows you to define a 16 character alphanumeric name for any output number.

Hardwired outputs (Output Numbers 1-4) default to the number of the output. Press a top row select key to enter a name.

Wireless outputs (Output Numbers 31-34 and 41-44) are initially named *UNUSED* and are not part of the system until they are assigned a name. Press any select key or area to enter a name.

To mark a wireless output unused, delete the old name by pressing any select key or area, then press **CMD**. The programmer automatically programs the name as * UNUSED *.

SERIAL#: XXXXXXXX

Serial Number

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

Already In Use displays when the serial number is already programmed for another output or zone. The programmed output or zone number displays.

SUPERVSN TIME: 240
0 3 60 **240**

Supervision Time

Press any select key or area to select the supervision time required for the wireless output. Default is **240 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.

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's bell output cadence for the zone type and bell cutoff time. Default is **YES**.

AREA INFORMATION

AREA INFORMATION

Area Information

This section allows you to assign functions to individual areas for XT30 and XT50 panels. All non-24-hour zones must be assigned to an active area.

AREA NO: -

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 Interior or Perimeter. In a Home/Away system, select Interior, Bedroom, or Perimeter.

* UNUSED *

Area Name

Activate an area by assigning it a name in place of a number to assist the user during arming and disarming. Only those areas given names are active and 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.

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*.

AUTO ARM **NO** YES

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, 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**. For ANSI/SIA CP-01 installations, Automatic Arming cannot be used for arming.

BAD ZONES: **BYP**

BYP FORC REF

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 the Bypass Reports section. 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 the Bypass Reports section. 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.

AUTO DIS **NO** YES

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. For ANSI/SIA CP-01 installations, Automatic Disarming cannot be used. The default is **NO**.

ZONE INFORMATION

ZONE INFORMATION

Zone Information

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

ZONE NO: -

Zone Number

Enter the number of the zone you intend to program. Press **CMD**.

KEYPAD ADDRESS	ZONE NUMBERS
1	11-14
2	21-24
3	31-34
4	41-44
5	51-54
6	61-64
7	71-74
8	81-84
Use output numbers 31-34 (slow response) or 41-44 (fast response) with 1100 Series Wireless output modules.	

The XT50 (with the built-in 1100 Wireless Receiver) has 10 hard wired zones, 32 wired or wireless expansion zones (11-14, 21-24, 31-34, 41-44, 51-54, 61-64, 71-74, and 81-84), and 16 additional wireless only zones (80, 85-99) allowing for up to 58 zones. Any keypad bus zone can be programmed as wireless while the next consecutive zone number can be hardwired from a keypad or zone expander.

When using multi-zone wireless devices 1101, 1106, or 1114, do not use consecutive zones 80-81 or 84-85.

KEY FOB **NO** YES

Key Fob

Select YES to program an 1100 Series Key Fob for zones 31-34 or 41-44. When YES is selected, programming continues at the 1100 Series Key Fobs Section. Default is **NO**.

* UNUSED *

Zone Name

Press any select key or area and enter up to 16 characters for the zone name. A name must be given to each zone in the system. This name can be 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.

ZONE LOCATION

Zone Location

This feature is optional and allows you to specify a zone location, separate from the zone name. Enter a descriptive location for the zone, such as 2nd Floor East Wing. The zone location is only sent to the monitoring center to help dispatchers identify where an alarm is triggered and does not display on the keypad. You can enter up to 16 characters for the zone location name.

ZONE TYPE: BLANK

Zone Type

The Zone Type defines the panel's response to the zone being opened or shorted. When you assign a Zone Type to a zone, responses are made automatically for the zone.

To select a new Zone Type, press any select key or area. The display lists the four Zone Types shown below. When the Zone Type you want to select displays, press the select key or area below the name.

- - NT DY EX

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

FI PN EM SV

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

A1 A2 FV AR

Auxiliary 1, Auxiliary 2, Fire Verify, Arming. Press **CMD** to display additional zone types.

CO IN DB HU

CO for use with Carbon Monoxide detectors, Instant, Doorbell, or Holdup. Press the Back Arrow key to display the previous zone types.

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

Caution: When a sensor reset is performed at the keypad, power will drop to devices connected to zone 10 causing the panel to sense an open condition on all zone types other than Fire (FI), Fire Verify (FV), Carbon Monoxide (CO), and Supervisory (SV). Whenever non-Fire and non-Supervisory zone types are used on zone 10, make the appropriate adjustments to the zone Armed Action to prevent false alarms from occurring.

For listed installations using wireless zones, do not use the FV zone type.

AREA NO: -

Area Assignment

For Area systems, select the area that the zone will be armed and disarmed with.

AREA: PERIMETER

For All/Perimeter systems, choose INTERIOR or PERIMETER.

- INT (Interior) - Assigns the zone to Interior.
- PERIM (Perimeter) - Assigns the zone to Perimeter.

INT PERIM

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

AREA:

Arm Areas

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 AREAS: PERIM

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

PERIM ALL

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

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.

STYLE:

Style

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 ARM DIS STEP

TGL (Toggle) - When the zone changes from normal to short, 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 - 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 a armed state, an alarm is reported.

DIS (Disarm) - When programmed as an Area system, a short will disarm the programmed areas. When programmed as a ALL/PERIM or HOME/AWAY system, a short will disarm ALL areas. When restored to normal, no action occurs. When the zone is opened from a normal (disarmed) state, a trouble is reported.

STEP - When programmed as an AREA system, the Arming Type areas will arm and beep the keypads once. When programmed as ALL/PERIM 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.

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, Virtual keypad, or Remote Link™ computer.

EXP SN:

Expander Serial Number

If using a zone expansion module, enter the 10 character serial number found on the module. Press **CMD** to move to the next prompt.

Already In Use displays when the serial number is already programmed for another zone. The programmed zone number displays.

NEXT ZN? NO YES

Next Zone

When YES is selected, the programming for the zone is finished and the display returns to ZONE NO: - allowing you to enter a new zone number.

Select NO to program wireless devices or to make changes to the Alarm Action for a zone. The Alarm Action is defined after 1100 Series Wireless Key Fob programming.

DMP WIRELESS

For 1100 series wireless operation, set the House Code from 1 to 50. See House Code programming in System Options.

All wireless programming is stored in the XT30 or XT50 panel. The Wireless Receiver obtains the necessary programming information from the panel each time the receiver powers up, when the programmer STOP routine is selected or the panel is reset.

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.

WIRELESS? **NO** YES

Wireless

Select YES to program this zone as a DMP wireless zone. Default is **NO**.

For wireless zones 80-99 on the XT50, this option does not display.

TRANSMITTER
SERIAL#: XXXXXXXX

ALREADY IN USE
ZONE NUMBER: XXX

Serial Number Entry

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

Already In Use displays when the serial number is already programmed for another zone. The programmed zone number displays.

TRANSMITTER
CONTACT: XXXXXXXX

Contact

This option displays if the serial number entered is for an 1101, 1102, 1103 or 1106 Universal Transmitter or 1114 Wireless Four-Zone Expander. Press any top row key to select the contact.

The 1102 Universal Transmitter only provides an external contact.

TRANSMTR CONTACT
INT EXT

This option displays when programming an 1101, 1102, 1103 or 1106 Transmitter. Select INT to use the internal reed switch contacts. Select EXT to connect an external device to the transmitter's terminal block. Default is **INTERNAL**.

By allowing both of the Model 1101, 1103, or 1106 transmitter contacts (INT and EXT) to be used at the same time, two zones may be programmed from one transmitter. When using both contacts, you must use consecutive zone numbers.

TRANSMTR CONTACT
1 2 3 4

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**.

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

ALREADY IN USE
ZONE NUMBER: XXX

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

ZONE INFORMATION
NORM OPN NO YES

The Normally Open option only displays when EXT is selected as the Contact type. For external devices connected to the 1101, 1102, 1103, or 1106 terminal block, select NO to use normally closed (N/C) contacts. Select YES to use normally open (N/O) contacts. Default is **NO**.

TRANSMITTER
SUPRVSN TIME: 240

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**.

SELECT MINUTES:
0 3 60 **240**

Select the required number of minutes. If using competitor wireless, the supervision time is measured in hours. If using competitor wireless, the transmitter must check in at least once during this time or a missing condition is indicated for that zone. 1100 Series transmitters automatically checkin 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).

When the panel is reset or a receiver is installed or powered down and powered up, the supervision timer restarts for all wireless zones.

```
LED OPERATION
          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 (Version 108 or higher software), 1103 Universal Transmitters (Version 107 or higher), 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.

Select NO to always send Zone Tripped messages in addition to Supervision, Tamper, and Low Battery. Default is **YES**.

```
WIRELESS PIR
PULSE COUNT:      4
```

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
```

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 ZONE   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.

1100 SERIES KEY FOBS

For an 1100 Series Key Fob set the House Code from 1 to 50. See House Code programming in System Options. Only zones 31-34 or 41-44 can be programmed as 1100 Series Key Fob zones. Refer to the 1100 Series Key Fob Programming Sheet (LT-0706) supplied with the 1100D Series Wireless Receiver and the 1100 Series Key Fob Install Guide (LT-0703) as needed. If using a 738T, follow the installation steps listed in the 738T Wireless Translator Installation Guide. (LT-1760)

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.

```
KEY FOB USER
NUMBER: XXXX
```

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 1 to 30 on XT30 panels

— User number 1 to 99 on XT50 panels

```
USER XXXX
   NOT IN USE
```

Displays when the User Number entered does not exist in User Code programming. The key fob can be added, but the user must eventually be added to cause the key fob to operate.

```
TRANSMITTER
SERIAL#: XXXXXXXX
```

Key Fob Serial Number

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

When a serial number is already programmed, the zone number displays.

```
TRANSMITTER
SUPRVSN TIME:   0
```

Key Fob Supervision Time

Press any top row key or area to select the supervision time required for the key fob zone. Press **CMD** to accept the default time. Default is **0**.

```
SELECT MINUTES:
 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. 1100 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.

When the panel is reset or a receiver is installed or powered down and powered up, the supervision timer restarts for all wireless zones.

```
NO. OF KEY FOB
BUTTONS: X
```

Number of Key Fob Buttons

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

```
BUTTON:
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 or area under the key fob button to program. 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

```
BUTTON:
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. 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

```
BUTTON ACTION
YYY:          XXXXXXXX
```

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**.

```
BUTTON ACTION
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.

```
BUTTON ACTION
 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.

```
BUTTON ACTION
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.

```
BUTTON
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.

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.

```
PRESS TIME:
SHORT     LONG
```

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.

```
ARM/DIS AREAS
```

Arm/Disarm Area Selection

For Area systems, enter the areas 1 to 6, to be armed/disarmed by the Key Fob button being programmed.
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 the Zone No.: option displays. For two-button or four-button key fobs, the Key Fob Button Selection option displays to program additional buttons.

```
OUTPUT NO: XXX
```

Output Number

You can specify a relay output/Favorite to operate when OUT (Output), PN (Panic), PN2 (Panic 2), EM (Emergency), or EM2 (Emergency 2) is selected for a key fob Button Action and the button is pressed. Valid range is 1 to 4, 31-34, 41-44, 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**.

```
OUTPUT ACTION:
yyy: XXXXXXXX
```

Output Action

This option allows you to define the output action for the selected output number. The default is Steady.

```
OUTPUT ACTION?
STD   PLS   MOM   TGL
```

STEADY - The output is turned on and remains on.

PULSE - The output alternates one second on and one second off.

MOMENTARY - The output is turned on only once for one second.

TOGGLE - The output alternates between the on state and off state. Each button press toggles the output state.

OUTPUT ACTION?
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.

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, or Auxiliary 2, the Alarm Action programing 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.

When a Fire Verify zone is placed into shorted condition, the panel performs a Sensor Reset and does not send a report. If any Fire Verify or 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. If no other Fire Verify or Fire zone is tripped within 120 seconds, a zone fault report is sent to the receiver.

DISARMED OPEN

Disarmed Open

This option 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/Favorite Number
- Output Action

MSG: TROUBLE
A T L -

Message To Transmit

ALARM - Selecting A allows an alarm report to be sent to the receiver and the bell output to activate according to zone type. See the Bell Action section. 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 zone 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 bell 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/Favorites on the XT30/XT50 to be activated by a zone condition. The output/Favorite can be activated regardless of the report to transmit or whether or not the zone is programmed as local.

To enter an Output Number, press any select key or area followed by the output number 1 to 4, 31-34, 41-44, or F1-F20. Press **CMD**.

OUTPUT: NONE

STD PLS MOM FOLW

Output Action

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

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.

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.

MOMENTARY - The output is turned on only once for one second.

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 bypassed by the panel according to the programming in the Swinger Bypass Trips and Reset Swinger Bypass sections in System options . 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).

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

PREWARN KEYPADS:

Prewarn Keypads

Option is only shown 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

Chime

Option is only shown for Night, Exit, and Instant zones. Select either NONE, DB (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 System Options.

CRS ZONE NO YES

Cross Zone

Select YES to enable cross-zoning for this zone. Cross-zoning requires this 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. 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 the Bell Action section. The cross-zone time specified in System Options begins to count down. See the Cross-Zone Time section. 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.

If CRS ZONE is YES, a valid CRS ZN TIME must be programmed for this feature to be enabled.

Cross-zoning is not compatible with Fire Verify zone types. You cannot enable cross-zoning for Fire Verify zones.

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 only displayed for NT and 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 will be included with the area closing message and reported to the central station automation system. Traffic Count data for the 10 lowest numbered zones with Traffic Count set to YES is also sent to the Virtual Keypad ™ App if enabled at Dealer.securecomwireless.com. Default is **NO**.

ZONE AUDIT DAYS:

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.

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: -

Zone Number

Enter the zone number you want to program next. Return to the beginning of this section and follow the descriptions of each programming option. If all zones are programmed, press the 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 panel. When selected, the panel performs an internal reset and exits the programmer.

The STOP routine causes the following conditions to occur:

- All current programming is saved
- All 1100 Series DMP Wireless transmitters are reset to NORMAL
- The panel Status List is cleared

During the reset, all keypad displays are momentarily blank for two seconds. After the reset, the programming function terminates and the keypads return to the status list display.

The STOP option does not disarm the system. Any new areas or zones that were added during programming are not armed until the system is disarmed and armed again.

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.

Lockout Code restriction:

Do not set a Lockout Code higher than 65535.

APPENDIX

This section of the XT30/XT50 Programming Guide 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 or in Virtual Keypad.

If an event were to occur on the system, such as an AC failure, the keypad would also 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 table of status and event displays the keypad can show in the Status List followed by whether or not they should be manually cleared:

Each item in the table is displayed for four seconds. When there are multiple items in the list, you can use **CMD** or Back Arrow key to scroll forward or back through the items.

STATUS AND EVENT DISPLAYS	REQUIREMENT TO MANUALLY CLEAR
Fire, Carbon Monoxide, and Supervisory zone alarms	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 trouble	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)

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 XT30/XT50 panels contains a Diagnostics function that allows you to test the integrity of the cellular communication and cellular signal. The Diagnostics function also displays the panel settings. To use Diagnostics, reset the panel, enter the Diagnostics code 2313 (DIAG), and press **CMD**.

Carrier Selection

This option is only available when DualSIM is active. In the event that remote connectivity is unavailable, carrier options can be manually switched on the keypad. To select a single carrier, press **ATT** or **VZW**. To use DualSIM operation, select **BOTH**.

Signal Strength Test

If DualSIM is activated, the panel automatically selects a primary carrier (AT&T or Verizon) when the panel is turned on. Once the primary is established, the panel tests the signal strength of the primary every hour. During the test, if the primary's signal drops by 10db or more, the panel then tests the backup carrier. If the backup has a stronger signal, it becomes the new primary. Every five hours, the panel automatically tests the backup's signal strength to determine the stronger signal.

Cellular Status

This option tests the individual components of cellular communication. Entry into the Cellular Status (CELL STATUS) menu will cause each component of the panel's cellular communication to be tested. The test will proceed until the first component failure or until all components have been tested with positive results. The test screen will display after each component and will be displayed for two seconds or until CMD has been pressed.

Note: If DualSIM is active, an option to select **ATT** or **VZW** appears before testing proceeds. Select one of the carriers to test it.

Cellular Signal Strength (CELL SIGNAL)

```
        -XX dBm
SIGNAL: ▌▌▌▌▌▌▌
```

This option provides a way to test the cellular signal strength of the nearest tower for the SIM card provider. 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.

Wi-Fi Signal Strength (Wi-Fi SIGNAL)

```
SIGNAL   ▌▌▌▌▌▌▌
HOMENET123
```

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**

Panel Settings

Pressing a select key displays the MAC Address, Serial Number, Frequency Offset, Panel Model, and Firmware Version.

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. The MAC address is the panel on-board network hardware address. Press any select key or area to display the panel MAC address.

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.

Panel Number

This menu option displays the model number of the panel. The display will show XT30 or XT50 followed by 1-3 letters to indicate the communication type: C=Cellular, D=Dialer, N=Network.

Firmware Version

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

Z-Wave Test Option

TEST ZWAVE

This feature allows the installer to test panel 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.

DEVICE LIST:
HALLWAY LIGHT

- Press **CMD** to advance through each Z-Wave device and press any select key or area to begin the test on the device displayed.

HALLWAY LIGHT
99/99 SUCCESSFUL

- 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 program

Press **CMD** until STOP displays. Press any select key or area. The keypad returns to the Status List display.

USING THE 984 COMMAND FUNCTION

This feature allows you to connect to a service receiver, primarily used to bring a new account on-line as it allows you to upload panel programming completed in Remote Link™. There are four options to allow manual seizure: Number, Pickup, Network, and Cell.

When not in the Programming Menu, the function 984 + **CMD** can be entered at the keypad, and a remote options menu appears. This menu contains the following options:

NBR

After completing panel programming in Remote Link, set a trap to seize the panel when it calls. Traps are set by selecting Panel > Trap. Refer to the Remote Link User Guide (LT-0565) or Remote Link's Help File for complete information about setting traps.

Then, from the panel, enter 984 and CMD, while the panel is in the Status List. The keypad display changes to NBR PICKUP NET CELL. Select NBR. Enter the phone number for the service receiver connected to the Remote Link computer. Press each number key slowly and deliberately. The panel dials each number as it is pressed. If you make a mistake, press the Back Arrow key. The panel will stop dialing and return to the Status List.

You can enter up to 15 characters for the phone number. To enter a # (pound sign) press the fourth (far right) select key or area, and to enter an * (asterisk) press the third select key or area. Program a pause by entering the letter P. Program a dial tone detect by entering the letter D. Cancel call waiting by entering *70P as the first characters. These characters are counted as part of the allowable 15 characters. Press CMD after you enter the phone number.

After the phone number is entered the panel calls the receiver connected to Remote Link to download the new programming. Remote Link then traps the panel and uploads the programming into the panel.

The panel makes ten attempts to reach the receiver. If while attempting to contact the receiver, the panel needs to send an alarm report, the dialing attempts are stopped and the panel can use the phone line to send its report.

PICKUP

After completing panel programming in Remote Link, connect to the panel by selecting Panel > Connect. Refer to the Remote Link User Guide (LT-0565) or Remote Link's Help File for complete information about connecting to panels.

When the telephone line at the panel rings, enter 984 and **CMD**, while the panel is in the Status List. The keypad display changes to NBR PICKUP NET CELL. Select PICKUP to allow the panel to seize the line. The panel immediately seizes the phone line and sends a carrier tone to the receiver.

After the panel has seized the line, send the file from Remote Link by selecting Panel > Send. Remote Link then uploads the new programming into the panel.

NET

The panel allows you to perform a test on each component of the panel's network communication paths. While the Status List displays, enter 984 and press **CMD**. The keypad display changes to NBR PICKUP NET CELL. Press the select key or area under NET to allow the panel to perform a Communication Status Test.

Upon entry of a Network path when prompted, the test runs and the results display on the keypad in the order they were tested: LINK, DHCP, GATEWAY, DEST, NET COMM.

If NET is not a communication option on the panel, NO NETWORK displays on the keypad and you are returned to the Status List.

CELL

The panel allows you to perform a test on each component of the panel's cellular communication paths. While the Status List displays, enter 984 and press **CMD**. The keypad display changes to NBR PICKUP NET CELL. Press the select key or area under CELL to allow the panel to perform a Communication Status Test. The keypad displays CELL IS BUSY if the modem is being tested from another keypad.

Upon entry of a Cellular path when prompted, the test runs and the results display on the keypad in the order they were tested: MODEM, TOWER, SIM, APN, CELL COMM. See the Diagnostic Functions section for a description of the Cellular Status results.

If CELL is not a communication option on the panel, NO CELL displays on the keypad and you are returned to the Status List

USING THE WALK TEST

The XT30/XT50 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

Walk Test

To conduct the Walk Test, reset the control panel by momentarily placing a jumper on RESET then wait one minute. From the keypad, enter the code 8144. The keypad displays WALK TEST. If the system is monitored and the communication type is DD or NET, the system sends a System Test Begin report to the central station. All programmed zones are included in the test.

STD WLS PIR

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

WLS (Wireless 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).

For the XT30, Wireless Test operation only displays when connected to 1100D Wireless Receiver Version 105 or higher.

PIR (Wireless PIR Walk Test) - The PIR Walk Test allows the installer to verify the 1126 operation. When enabled, the 1126 or 1127 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 Walk Test (STD)

Displays the number of zone trips during the Walk Test.

- Each time a selected zone trips, the keypad buzzes and the bell rings for two seconds.
- Each time a FI, FV, SV, or CO zone trips, a Sensor Reset occurs.

END - Press the select key or area directly below END to stop the Walk Test. When the Walk Test ends or a 20 minute time-out expires, a final Sensor Reset occurs. The System Test End message is sent to the receiver along with Verify and Fail messages for each zone under test. Faulted zones then display on the keypad.

IN PROGRESS XMIN
CHKIN: cc/tt END

Trip Counter For DMP Wireless Test (WLS)

Displays the number of wireless zones that automatically communicate a supervisory check-in message. The test will run for a total of 5 minutes. During the 5 minutes the transmitters are being tested multiple times. At the end of the 5 minutes the results will be displayed. A timer will be displayed at the keypad to indicate that the test is in progress. In order for a transmitter to pass it must have checked in 3 or more times. The results will display which transmitters have failed the test.

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

END - Select END to stop the Wireless 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 five (5) minutes. If a transmitter has multiple zones (1101, 1114, etc.), all zones will be included in the counts. Failed wireless zones will then display on the keypad.

TEST END WARNING

Test End Warning

When no zones have been tripped and five minutes remain on the 20 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), Holdup (HU), 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 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.

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.

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) - This zone allows you to connect a keyswitch to a zone and use it to arm and disarm the system.

CO (Carbon Monoxide) - This zone type 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 to exit zones. Choose Instant if you need a zone that will not follow Entry or Exit delay.

DB (Doorbell) - This zone type is intended for use for zones that are assigned to doorbell cameras.

HU (Holdup zone) - Used as silent panics, which do not trigger audial or visual alerts on the keypad.

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	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.	Make sure the RESET jumper is removed from the panel. Make sure there is not a short or open condition on the green data wire to the keypad. You may also need to check that all of the keypads and expansion modules on the bus are good.
SYSTEM BUSY	The system is performing another task with a higher priority.	Wait a few moments for the system to complete the task. Make sure the RESET jumper is not on the panel. 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 phone number. Make sure the telephone line is connected and working properly.
ENTER CODE (When entering Programming)	A lockout code has been programmed for the panel.	Enter the lockout code.
WIRELESS TROUBLE	The panel is unable to communicate with the wireless receiver.	Verify the receiver is properly connected to the panel. XT50: Verify the correct receiver type is selected in System Options (internal or external).
	The wireless receiver is missing.	

Z-WAVE CERTIFICATION INFORMATION

The 738Zplus is a security enabled Z-Wave product and is designed to be used as a primary controller.

The XFER feature allows an existing 3rd party network to be transferred into the 738Zplus. To add the 738Zplus to another 3rd party network, please contact technical support. This function is available with Remote Link and Dealer Admin.

The 738Zplus can support Z-Wave products from different vendors and product categories. It is recommended to use devices listed on the buy.dmp.com site for best performance.

CERTIFICATIONS

California State Marshall (CSFM)

Intertek (ETL) Listed

- ANSI/SIA CP-01 False Alarm Reduction
- ANSI/UL 1023 Household Burglar
- ANSI/UL 985 Household Fire Warning
- ANSI/UL 1610 Central Station Burglar
- ANSI/UL 1635 Digital Burglar

FCC Part 68 Registration ID: CCKAL00BXT50

REVISIONS TO THIS DOCUMENT

This section explains the changes made to this document during this revision. It lists the date and identifies the change(s) made, the related section number and section heading, and a summary of the change.

Ver.	Section Number and Heading	Quick Explanation of Changes
1.13	3.4 Communication Type	Added Wi-Fi reference
	Network Options	Added Wi-Fi Setup
1.12	13.3 Area Name	Added Initialization section reference
	Listings and Approvals	Remove UL
1.11	Entire Document	Removed Z-Wave Setup
	1.6 Keypads	Added 7800 reference
	1.7 Special Keys	Added 7800 reference
	1.8 Entering Alpha Characters	Added 7800 reference
	1.10 Keypad Displays Current Programming	Added 7800 reference
	3.4 Communication Type	Added SCS-VR reference
	10.21 Weather Zip Code	Added 7800 reference
	18.3 Diagnostics Function	Added Roaming Indicator reference
		Added Z-Wave Diagnostics function

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