XT30 and XT50 Series

May 2009

Version 102 Software Update

Effective May 2009, all XT30 and XT50 Series panels are being manufactured with Version 102 (5/14/09) software. This version is an update from the Version 101 (11/25/08) software previously shipped and contains the following new features.

- Remote SMS Text Commands
- Destination User Number
- Subscribe to Text Messages
- Remote Programming via CELL
- Keypad Bus Wireless Receiver Option for XT50
- Additional Areas 5 and 6 Added
- Additional Keypad Addresses 6, 7 and 8 Added
- Additional Zone Expansion Added
- Late to Open/Early to Close Message
- Traffic Count Message
- Occupied Premises Operation Enhancement
- Email Diagnostics Addition
- Communication Backup Path for CELL
- IP Address Switching Operation
- Message Destination Address Expanded to 48 Characters
- Limited Authority User
- Supports 1126 Wireless PIRs
- Wireless PIR Walk Test
- Arming with Shortcut Key

Features

Remote SMS Text Commands

Simple text messages can now be sent from a cell phone or PDA to perform basic user operations such as Arm/Disarm, Cancel Alarm, turn Outputs On/Off and check Armed Status. The user sending text commands to the system must have the authority to perform the commands as if it occurred at the keypad. To enable this operation, the cell phone numbers and user numbers are setup during panel communication programming. Upon completion of programming, a welcome text message is sent from the panel to the enabled cell phones. Use this number (sent by the panel) to text commands back to the panel. The commands are listed as follows:

- To arm all areas, text: ARM, AWAY, or ALL depending on your system configuration
- To arm the perimeter and interior of a Home/Sleep/Away system, text: SLEEP
- To arm just the perimeter of a Home/Away/Sleep system, text: HOME
- To arm the perimeter of an All/Perimeter system, text: PERIM
- To arm specific areas of an Area system, text: ARM followed by the area name or number
- To disarm all areas, text: DISARM ALL
- To receive the Armed Status, text: STATUS
- If an alarm message is received which is known to be false, text CANCEL to disarm the system and cancel the alarm
- To set an output to ON steady: text ON followed by the output name or number
- To turn an output to OFF: text OFF followed by the output name or number
- To turn an output On for one second: text MOMENTARY followed by the output name or number

Destination User Number

A new option has been added to Messaging Setup programming to allow a user number to be entered to support remote SMS Text Commands.

DESTINATION 1-3
USERNUMBER: **0**

Destination User Number
If the Destination is a 10-digit cellular number, enter the panel user number of the cell phone owner. This option is used when sending commands such as arming or disarming back to the panel using SMS text from the same cell phone or PDA. The user number must have the authority to perform the commands as if it occurred at the keypad. Entering 0 (zero) disables this option. Default is 0.

Subscribe to Text Messages

The panel now allows the user to select which text messages are sent from the panel to their cell phone or PDA. The commands are listed as follows:

- Text the words SUBSCRIBE STATUS ALL to receive a text message for all arming and disarming occurrences in addition to any alarm
- Text the words SUBSCRIBE STATUS NONE to not receive a text message for arming and disarming occurrences, but still receive a text message for any alarm
- Text the words SUBSCRIBE STATUS OTHER to receive a text message for all arming and disarming occurrences originating from other users, in addition to any alarm. This option will send a text message for all arming and disarming occurrences except for the ones initiated by this user

Text the word SUBSCRIBE to show the current subscription status and the available subscription options.

Remote Programming via CELL

The XT Series Control Panels can now be programmed remotely using cellular communication in the same manner as digital dialer or network communication.

Keypad Bus Wireless Receiver Option for XT50

A new option has been added to System Options that allows the XT50 Series Control Panel to use an 1100 Series Wireless Receiver located on the keypad bus in the same manner as the XT30. This allows wireless zones to operate either via the keypad bus or from the built-in receiver on the panel. Only one receiver can operate per system; they cannot be combined.

BUILT IN 1100
WIRELESS NO **YES**

Built-in 1100 Wireless
Select YES if using the built-in wireless receiver on the XT50. If selected, zones 80 to 99 are available to be programmed as wireless zones in addition to any keypad zone number. Select NO to use an external 1100 series wireless receiver. If NO is selected, then zones 80 and 85-99 are not available. Zones 81-84 can be used from keypad address 8 for hardwire or wireless operation. Default is YES.

Additional Areas 5 and 6

When area system operation is used, the available areas have been increased from 4 to 6. New areas 5 and 6 are programmed and used in the same manner as areas 1 - 4.

Additional Keypad Addresses 6, 7 and 8

Keypad addresses 6, 7 and 8 are now operational to support DMP LCD keypads or other deypad bus devices.

Additional Zones

Zones 61-64, 71-74 and 81-84 have been added in Zone Information programming. The new zones can be used via keypad addresses 6, 7 and 8 or as wireless zones. The additional zones increase the capacity for the XT30 panel to 42 zones, 10 onboard and 32 via the eight keypad addresses. The capacity of the XT50 has been increased to 58 zones, 10 onboard and 48 via the eight keypad addresses and built-in wireless receiver.
Note: In order to use wireless zones on all eight alpha keypad addresses, the 7300 Icon Series keypad must be used.

Late to Open/Early to Close

New options have been added to System Reports to allow programming for the Late to Open and Early to Close operation.

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 scheduled opening time 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 (S76 or CID 453) 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 (S75 or CID 451) is sent to the receiver along with the user number. Default is 0, which disables the Early to Close option.

Traffic Count

A new option has been added to Zone Information to count the number of zone trips during a disarmed period.

TRAFFIC COUNT
NO YES

Traffic Count
Select **YES** to provide reporting of the number of zone trips per area for Night and Exit type zones while in a disarmed state. The traffic count is sent with the closing message to the automation system via the receiver when the zone becomes armed. Default is NO.

Occupied Premises Operation

The Occupied Premises operation now includes any zone type assigned to the Perimeter area and not just Exit type zones. When selected as YES, Occupied Premises automatically disarms interior areas when an All/Perimeter or Home/Sleep/Away arming system is armed All or Away and no zone assigned to the perimeter area is tripped during the exit delay countdown. This feature is intended to reduce false alarms when the end user arms All or Away but remains inside the Premisess. A Disarm text or email message is not sent in this case. The Disarm message is sent only when the entire system is disarmed.

Email Diagnostics

The Email Status menu, located in Diagnostics tests each component of the panel's e-mail communication. A new diagnostic check has been added to indicate whether or not the panel detects a good network link.

LINK OK	LINK ERROR

Communication Backup Path for CELL

If CELL is selected as the primary communication path type, NET is allowed as the only backup communication option. Previously, DD and CID were allowed to be selected.

IP Address Switching

First and Second IP Address operation has been enhanced to always start using the First IP address rather than starting with the last IP that successfully received a message.

Message Destination Address Expanded to 48 Characters

The three Destination address programming options in Messaging Setup now allow 48 characters to be entered. The expanded length accommodates longer email address or cell phone text message addresses.

Limited Authority User

An XT50 user assigned as a Scheduled or Limited authority can now arm the system only if there are no faulted zones.

1126 Wireless PIR Support

The 1126 Series PIR can now be used with the XT Series Control Panels. The following four panel programming options of this update have been added to support the 1126 Series Wireless PIRs:

- 1126C-W Wireless Ceiling Mount Curtain PIR
- 1126R-W Wireless Ceiling Mount 360 PIR
- 1126W-W Wireless Ceiling Mount Wide Angle PIR

Disarm/Disable

A new option has been added in Zone Information to disable the zone tripped message from the 1126 Wireless PIR while the system is disarmed.

DISARM DISABLE
NO **YES**

Disarm/Disable
Select YES to disable the 1126 PIR transmitter from sending the zone tripped message (short) during the disarmed period. When disabled, the 1126 only sends supervision, tamper and low battery messages during the disarmed period to extend the transmitter battery life. Select NO to always send zone tripped messages in addition to supervision, tamper and low battery. Default is YES.

PIR Pulse Count

A new option has been added in Zone Information to select the number of pulse counts the 1126 PIR should use before sending a message to the receiver.

WIRELESS PIR
PULSE COUNT: **4**

PIR Pulse Count
Select the number of infrared pulses (2 or 4) the 1126 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.

PIR Sensitivity

A new option has been added in Zone Information to enter the sensitivity setting for the 1126 PIR transmitter.

WIRELESS PIR
SENSITIVITY:**LOW**

Wireless PIR Sensitivity
Select the sensitivity setting for the 1126 PIR. Selecting LOW sets the 1126 to operate at 75% sensitivity for installation in harsh environments. Selecting HIGH sets the PIR to maximum sensitivity. Default is LOW.

DMP Wireless PIR Walk Test

New operation has been added to the WALK TEST menu for the 1126 Series PIR. This operation allows installers to test PIR transmitters programmed to send supervised check-in messages.

WLS PIR

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

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

Arming with Shortcut Key

If an invalid code is entered while attempting to arm an All/Perimeter system using shortcut key ALL (Number key 1) with Closing Code enabled, the system now continues to recognize additional arming attempts.

Obtaining the New Software

XT30 and XT50 software update version 102 (5/14/09) are available for download free of charge on the DMP Dealer Direct Website at http://dmp.com/dealer.

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