XT30/XT50 Series Panels

January 2016

Version 124 Firmware Update

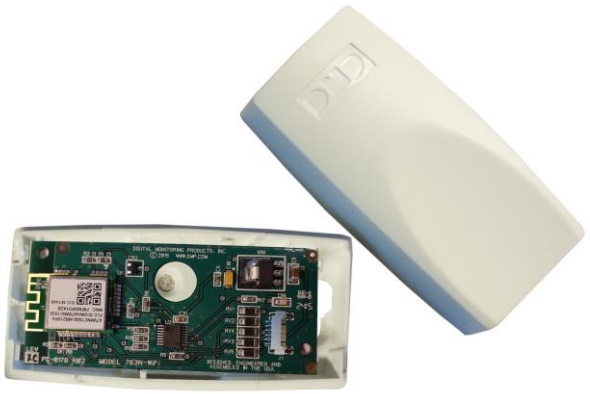
Version 124 (1/21/16) firmware is now available for download on the DMP Dealer Direct Website at http://dmp.com/dealer.

Effective February 8, 2016, all XT30/XT50 Series control panels will be manufactured with updated Version 124 (1/21/16) firmware. As of March 25, 2016, inventory for the XT30/XT50 panels will be updated to Version 124 (1/21/16) firmware.

Features

763 WiFi Module

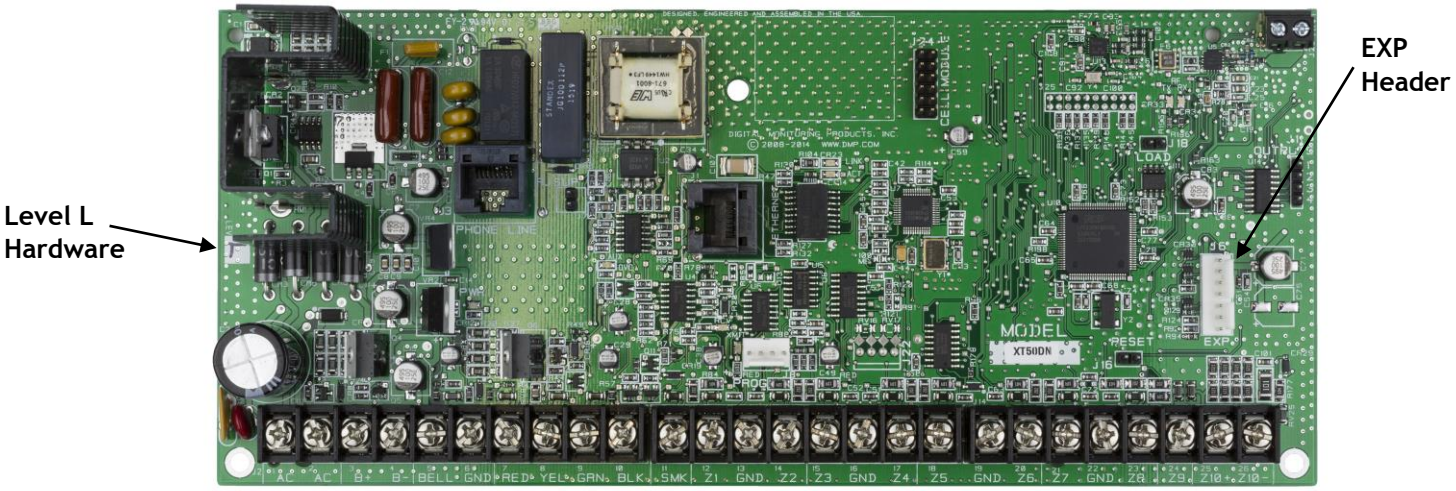
XT30/XT50 Series Control Panels operating with Version 124 (1/21/16) Firmware and Level L hardware (July 2015) now support the Model 763 WiFi Module. The 763 uses WiFi network to provide Serial 3 communication for panel messages to the SCS-1R and SCS-VR receivers. The 763 connects to the XT30/XT50 EXP header using the included 3' harness.



763 WiFi Module

To enable 763 operation, from the Programming Menu of the XT30/XT50, under Communication, select WIFI as the Communication Type. This allows the WIFI SETUP options to display in Network Options. Refer to the included pages from the XT Series Programming Guide (LT-0981) for additional information on the programming options.

In the User Menu, WIFI SETUP options can be programmed by entering a User Code with Master Authority. Refer to the included page from the XT Series User Guide (LT-0982) for additional information on the programming options.



XT30/XT50 Series Control Panel

Obtaining the New Firmware

XT30/XT50 Series firmware updates are available for download free of charge on the DMP Dealer Direct Website at http://dmp.com/dealer.

Communication

3.1 COMMUNICATION

Communication

The Communication section allows you to configure the communication settings for the XT30/XT50 panel. After choosing the Communication Type, continue through the list of options.

3.2 ACCOUNT NO:

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.

3.3 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. Program Burglary Outputs for steady, and set Abort Reports to YES if Opening and Closing reports are not being sent. 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.

3.4 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 of 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 - WiFi communication to DMP Model SCS-1R or SCS-VR Receivers.
NONE - For local systems. Selecting this ends communication programming.

Note: 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.

3.5

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.

3.6

BACKUP CELL
NO YES

Backup Cellular

Backup Cellular option is available if COMM TYPE is set for NET or DD/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/CID. If the backup dialer fails then the message is discarded.

3.7

TEST TIME
00:00 AM PM

Test Time

Press COMMAND 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.

3.8

NET TEST DAYS: 1
DIAL TST DAYS: 1
CELL TST 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.

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.

Note: WiFi must be selected as Communication Type in the Communication section for WiFi Setup to display.

Note: IP addresses and port numbers may need to be assigned by the network administrator. When entering an IP, Gateway, or Subnet Mask address be sure to enter all 12 digits and leave out the periods. For example, IP address 192.168.000.250 is entered as 192168000250.

4.1 NETWORK OPTIONS

Network Options

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

4.2 WPS LIST MANUAL / TEST

WiFi Setup

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

WPS LIST MANUAL displays. Press the first select key or area to choose WPS to automatically connect to a WPS enabled router. Press the second select key or area to choose LIST and see the name and signal strength of any WiFi routers in range. Press the third or fourth select key or area to choose MANUAL and enter the name of the WiFi router you wish to connect to. Pressing COMMAND displays TEST. To select TEST press the first select key or area to verify connection of your system to the WiFi network.

4.2.1 SEARCHING .

WPS

When WPS is selected, SEARCHING displays. Press the WPS button on the WiFi 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.

4.2.2 WPS LIST MANUAL

List

SEARCHING

When LIST is selected, SEARCHING displays until any WiFi networks are found in range. Once available WiFi networks are found the keypad displays the name of the SSID and signal strength of each network. Press COMMAND to scroll through the list of available WiFi networks. When the desired network is displayed, press any select key or area to connect.

SIGNAL ▌▌▌▌▌▌▌
HOMENET123

W/L SECURITY:
WPA-PSK

Note: If the panel is unable to detect the security type, W/L SECURITY with the default security type WPA-PSK displays. If a different security type is required, press COMMAND and WEP WPA NONE displays. Press the select key or area of the desired security type to choose.

W/L SECURITY:
WEP WPA NONE

W/L KEY:
****

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

W/L KEY:
-

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 WiFi network, NOT CONNECTED displays. Press COMMAND to return to the WiFi SETUP main screen.

4.2.3 WPS LIST MANUAL

Manual

WIFI SETUP
ENTER SSID

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

Use the number keys on the keypad to enter a new or different SSID, there is no need to press the select keys or areas. Once the SSID is entered, press COMMAND and SEARCHING displays.

SSID:
SSID FOUND

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.

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

WiFi Setup

User Code Level: Master.

Your system may include WiFi Setup in the User Menu. If enabled, WiFi Setup allows you to add, remove or test WiFi Networks in your system when using the optional WiFi module. Press any select key or area to display the available WiFi Setup options WPS, List, Manual, and press COMMAND again to display TEST.

- Select WPS to automatically connect a WiFi network to your system.
- Select List to display a list of WiFi networks in range of your system.
- Select Manual to enter the WiFi network name to your system.
- Select Test to verify connection of your system to the WiFi network.

WPS

1. Press the WPS button on the selected WiFi network router to start the pairing operation.
2. Access the User Menu.
3. Press COMMAND until WIFI SETUP? displays.
4. Press any select key or area. The keypad displays WPS LIST MANUAL.
5. Select WPS and SEARCHING displays. The panel will search for the WiFi network router attempting to pair. When WPS is successful, CONNECTED displays on the keypad. If WPS is unsuccessful, WPS FAILED RETRY? NO YES displays. Press YES and the panel will search for the WiFi network router attempting to pair. Press NO and WPS LIST MANUAL displays.

List

1. Access the User Menu.
2. Press COMMAND until WIFI SETUP? displays.
3. Press any select key or area. The keypad displays WPS LIST MANUAL.
4. Select LIST and SEARCHING displays. The panel will search for available WiFi networks that are in range. Once available WIFI networks are found the keypad displays the SSID NAME and signal strength of each network. Press COMMAND to scroll through the available WIFI networks. When the desired network is displayed, press any select key or area to connect.
5. When connecting to the WiFi network the panel will also detect the security type in use and W/L KEY: ********** displays.

Note: If the panel is unable to detect the security type, W/L SECURITY with the default security type WPA-PSK displays. If a different security type is required, press any select key or area and WEP WPA NONE displays. Press the select key or area of the desired security type to choose.

6. Enter the W/L KEY and the panel will perform a connection test and CONNECTING will display. When successful, CONNECTED will display on the keypad. If the panel does not connect to the WiFi network, NOT CONNECTED will display. Press COMMAND to return to the WIFI SETUP main screen.

Manual

1. Access the User Menu.
2. Press COMMAND until WIFI SETUP? displays.
3. Press any select key or area. The keypad displays WPS LIST MANUAL.
4. Select MANUAL and the WiFi network currently programmed in the panel is displayed. If there is no WiFi network currently programmed in the panel, enter the name of the WiFi network and press COMMAND to connect. The default is SecureCom.

Updated Operation

263C Activation

The following issue only occurred in panels operating with Version 123 (6/10/15) or 123 (6/30/15) firmware:

When using the Diagnostic (2313) menu to activate a 263C Cellular Communicator with a Telit CDMA modem, the keypad improperly displayed ROAMING even though the modem was in range of a Verizon owned tower. The keypad then returned to the Diagnostic menu. When this occurred, the modem was not successfully activated.

Telit CDMA modems were installed on the 263C PC-0135 printed circuit board as level A hardware.

This issue did not affect modems that successfully performed Automatic Cellular Activation on power up or reset.

This issue did not affect 263C Cellular Communicators with Enfora CDMA modems. The Enfora 263C was built on the PC-0145 Level B PCB.