XRSuper6. XR20 and XR40 Firmware Update
May 2007

Firmware Update

Effective June 2007, all XRSuper6, XR20 and XR40 Command Processor™ Panels will be manufactured with Version 304 (5/9/07) firmware. This version is an update from the Version 303 (4/13/07) firmware previously shipped and contains new features.

New firmware PROMs may be obtained from buy.dmp.com or by calling DMP Customer Service at 1-800-641-4282. All panels returned for repair are automatically updated to the latest firmware.

Features

Bell Options

A new Bell Options menu has been added after System Options that allows programming of options for the panel bell. These options were previously included in the Output Options menu.

BELL OPTIONS

Bell Options
This section allows you to program the panel bell output functions, such as bell cutoff
and bell actions for each zone type alarm.

Bell Output

A new option has been added in Bell Options just after Automatic Bell Test that allows an output to follow the panel bell output.

BELL OUTPUT: 0

Bell Output
Enter the output number when needed to follow the panel Bell Output operation for all action and off conditions. Enter 0 (zero) to disable.

Note: When BELL ACTION is set to T for Temporal Code 3, the Bell Output action is pulse.

Output Options

The XRSuper6, XR20 and XR40 panels now support the 1116 Wireless Relay Output, the 1117 Wireless LED Annunciator and the 1118 Wireless Remote Indicator Light to be available May 31, 2007.

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 XRSuper6/XR20/XR40 board. Wireless outputs are available when using the 1100D Wireless Receiver and 1100 Series wireless outputs. Refer to the XRSuper6/XR20/XR40 Installation Guide (LT-0624) for complete information.

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)
* The response time of a wireless output is the time it takes for a wireless output to activate once the panel event occurs. You determine whether a wireless output is a slow or fast response based on the output number assigned. 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.

Arm-Alarm Output

A new option has been added in Output Options just after Late To Close Output that allows an output to turn on steady when any area of the system is armed.

ARM-ALARM OUT: 0

Arm-Alarm Output

Enter the output number 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 five (5) minutes after the panel is disarmed. Enter 0 (zero) to disable.

Wireless Outputs
- The Arm-Alarm Output is compatible with the Model 1117 Wireless LED Annunciator and the Model 1116 Wireless Relay Output connected to a Model 572 Indicator LED.
- When the Model 1117 is battery operated, the LED is off when the system is armed to conserve battery life. If an alarm occurs, the output flashes quickly.
- When using the Model 1116 connected to a Model 572, the LED is on when the system is armed. If an alarm occurs, the output pulses.
- To operate the Arm-Alarm output within one second, program a fast response number from 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.

Output Information

A new Output Information menu has been added after Output Options for programming wireless outputs.

OUTPUT INFO

Output Information

This section allows you to program and name wireless outputs into the panel when using an 1100D Wireless Receiver. Output Information only displays when a House Code (1-50) is entered in System Options programming.

Output Number

OUTPUT NO.   XX

Output Number

Enter an output number. Entry range is 31 to 34, 41 to 44.

Note: 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.

Output Name

* UNUSED *

Output Name

This section allows you to define a 16 character alphanumeric name for wireless outputs. Press any top row select key and enter a 16 character name.

An output that is not part of the system must be marked *UNUSED*. To mark an output unused, delete the old name by pressing any Select key, then press the COMMAND key. The programmer automatically programs the name as * UNUSED *

Serial Number

SERIAL#: XXXXXXXX

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

ALREADY IN USE
OUTPUT NO: ZXX

This message displays when the serial number is already programmed for another output or zone. The programmed output or zone number displays.

Supervision Time

SUPRVSN TIME: **60**

Supervision Time
Press any top row key to select the supervision time required for the wireless output. Press COMMAND to accept the default time. Default is 60 minutes.

0   3   15   **60**

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

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

Wireless Contact

A new Contact option has been added to Zone Information to support the 1114 Wireless Four-Zone Expander to be available May 31, 2007.

CONTACT:X

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

1   2   3   4

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

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

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

Ordering New Firmware

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