XR100 and XR500 Series Software Update
September 2007

1100 Series Wireless Enhancements

In response to requests for easier wireless installation and troubleshooting, DMP has developed version 120 of the XR100 and XR500 software. Features include:

- Selectable suppression of non-urgent wireless buzzers. You can select full suppression, suppression during sleeping hours, or no suppression.
- Longer supervision time on wireless transmitters to minimize false missing messages.
- A wireless check-in test that allows to you make sure wireless transmitters in the system are working properly within minutes without stepping away from a keypad.
- Visual confirmation that wireless key fobs and corresponding user numbers are properly programmed.
- And more!

Software Update

Effective October 2007, all XR100 and XR500 Series Command Processor™ Panels are being manufactured with Version 120 (9/27/07) software. This version is an update from the Version 119 (9/7/07) software previously shipped and contains new features.

To allow remote programming of the new features for this XR100 and XR500 Series Version 120 software, Remote Link Version 1.38 is needed.

The XR100 and XR500 Series software update and Remote Link are available for download free of charge on the DMP Dealer Direct Website at http://dmp.com/dealer.

Features

Wireless Audible Annunciation

A new option has been added after DETECT WIRELESS JAMMING in System Options to allow the selection of wireless trouble keypad buzzer annunciation.

```
WLS AUDIBLE: DAY
```

```
WIRELESS AUDIBLE
ANY DAY MIN
```

Wireless Audible Annunciation
This option displays when the House Code entered is for a DMP 1100 Series Wireless system (1-50). 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.

Note: To allow remote programming of the new Wireless Audible option, Remote Link Version 1.38 is needed.

Transmitter Supervision Time

A new selection of 240 minutes has been added to the 1100 Series transmitter Zone, Key Fob and Output Supervision Time options. The 15 minute supervision time option has been removed. When updating to Version 120, any transmitters previously programmed for 15 minute supervised check-in messages will automatically check-in at the next interval of 60 minutes.

Note: Wireless Transmitter Supervision Time of 240 minutes is only supported when connected to an 1100X Wireless Receiver Version 105 or higher.

Note: To allow remote programming of the new 240 minute option, Remote Link Version 1.38 is needed.

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DMP Wireless Check-in Test

New operation has been added to the WALK TEST menu for 1100 Series Wireless transmitters. This operation allows installers to test transmitters programmed to send supervised check-in messages.

Note: Wireless Check-in Test operation only displays when connected to an 1100 X Wireless Receiver Version 105 or higher.

```WALK TEST```	**Walk Test** To conduct the Walk Test, reset the control panel by momentarily placing a jumper on J16. From the keypad, enter the code 8144 and press COMMAND. The keypad displays WALK TEST for four seconds. 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. After four seconds, the keypad displays the zone type choices for testing.
```BG FI PN SV```	**Zone Types** Select the zone type to test. An asterisk displays next to the zone type indicating the zone type chosen for testing. Press the Select key again to deselect the zone type. **Note:** For the Wireless Check-in Test, make sure no zone types are selected and press the COMMAND key. Pressing the Back Arrow key exits the Walk Test. **Note:** During the Walk Test, trip each zone device or button on the system for 1 to 2 seconds.
```WLS```	**WLS** (Wireless Check-in Test) - Select **WLS** to test wireless transmitters. Includes all wireless devices except key fobs and transmitters programmed for a supervision time of 0 (zero).
```CKIN:XXX/ZZZ END```	**Trip Counter For Wireless Check-in Test** Displays the number of wireless device check-ins. • The check-in count. (XXX in the example). • The total number of wireless zones programmed for supervision excluding key fobs. (ZZZ in the example). **END -** Select END to stop the Wireless Check-in Test. When the test ends or a 20-minute time-out expires, normal wireless zone processing returns. If all transmitters check-in, both numbers will match. If a transmitter has multiple zones (1101, 1114, etc.), all zones will be included in the counts. Failed wireless zones display on the keypad.
```TEST END WARNING```	**Test End Warning** When five minutes remain on the 20 minute Walk Test timer, the keypad displays TEST END WARNING. If no additional test zone trips occur, the test ends and a final Sensor Reset automatically occurs. Faulted zones will then display on the keypad.
```SOUTH LOBBY``` ```ZONE: 500 -FAIL```	**Failed Zones Display** For the Wireless Check-in Test, failed wireless zones display only on the keypad. Zone Verify/Fail reports are not sent to the central station receiver for the wireless check-in test.

Key Fob Programming

When programming an 1145, 1146 or 1147 wireless key fob and the user number does not exist in User Code programming, a new warning message NOT IN USE displays.

```
KEY FOB USER
 NUMBER: XXXX
```
Key Fob User Number
Enter the User Number (1-9999) used to identify the key fob user and their arming and disarming authority. Default is blank

```
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 created to cause the key fob to operate.

When deleting a user number that is assigned to a key fob, the following warning message displays.

```
KEY FOB ASSIGNED
DELETE? NO YES
```
When deleting a user number that is assigned to an 1145, 1146 or 1147 wireless key fob, a warning message displays alerting the user that a key fob is still in use. If YES is selected, the key fob assigned to the deleted user number will no longer operate.

Wireless Zone Conditions

When the XR100 or XR500 panel starts up after local or remote programming reset, or a J16 reset, the 1100X Wireless Receiver Version 105 now reports to the panel the state of the wireless zones (normal, short, open, low battery or missing) that were known at the time of the reset.

Previously, the 1100X automatically set all transmitters to normal after a reset.

When an 1100X is removed from the J22 LX-Bus header, the panel now sets all wireless zones to an open condition.

Wireless Zone Type

When wireless zone troubles are displayed at the keypad, the Wireless Troubles (Missing, Low Battery and Tamper) are now routed to the appropriate keypad addresses by zone type as indicated in Status List programming.

AC Fail Annunciation

The AC Fail display and keypad buzzer now only tone on fire keypads as required. AC Fail will continue to display but not sound the keypad buzzer on standard keypads.

Obtaining the New Software

The XR100 and XR500 Series software update is available for download free of charge on the DMP Dealer Direct Website at http://dmp.com/dealer.

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