

XRSuper6, XR20 and XR40 Firmware Update

September 2007

1100 Series Wireless Enhancements

In response to requests for easier wireless installation and troubleshooting, DMP has developed version 305 of the XRSuper6, XR20 and XR40 firmware. 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 you to 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.

Firmware Update

Effective September 2007, all XRSuper6, XR20 and XR40 Command Processor™ Panels will be manufactured with Version 305 (9/24/07) firmware. This version is an update from the Version 304 (5/9/07) 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

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

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.

ANY DAY MIN

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.

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.

KF USER NO:

Enter the User Number used to identify the key fob user and their arming and disarming authority. Default is blank.

- User number 1 to 16 on XRSuper6 panels
- User number 1 to 32 on XR20 panels
- User number 1 to 64 on XR40 panels

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.

When deleting a user number that is assigned to a key fob, the new 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.

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 305, 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 1100D Wireless Receiver Version 105 or higher.

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

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 communications for transmitters programmed to send check-in supervision messages.

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

WALK TEST	
STD	WLS

Walk Test

To conduct the Walk Test, reset the control panel by momentarily shorting J16 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 (Standard Walk Test) - Select STD to Walk test all zones. All programmed zones are included in the test.

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).

WIRELESS TEST	
CHKIN: XX/ZZ	END

Trip Counter For DMP Wireless Check-in Test (WLS)

Displays the number of wireless zones that automatically communicate a supervisory check-in message.

- 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 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 within three (3) 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	
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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. Faulted zones then display on the keypad.

SOUTH LOBBY	
ZONE: 31	-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 checkin test.

Ordering New Firmware

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