XR500 and XR100 Series Feature Update
November 2006

Version 116 Software Update

Effective November 2006, all XR500 and XR100 Series panels are being manufactured with Version 116 (11/13/06) software. This version is an update from the Version 115 (9/26/06) software previously shipped and contains new features

The XR500 and XR100 Series software update Version 116 (11/13/06) is available for download free of charge on the DMP Dealer Direct Website at http://dmp.com/dealer.

Remote Link Version 1.31 or higher is required to support this XR500 and XR100 Series software. The current version of Remote Link is available for download free of charge on the DMP Dealer Direct Website at http://dmp.com/dealer.

New Features

Arming System

The XR500 and XR100 now provide All/Perimeter and Home/Sleep/Away arming systems. An option has been added as the first option in System Options of panel programming to allow selection of an Area, All/Perimeter or Home/Sleep/Away arming system.

```
SYSTEM:    AREA
```

System
This option allows you to program how the areas operate when arming and disarming. The options you can choose are listed below.

```
AREA  A/P  H/A
```

AREA - All 32 areas can be programmed and operated independently.
ALL/PERIMETER - Area 1 is the Perimeter and Area 2 is the Interior.
HOME/SLEEP/AWAY - Area 1 is the Perimeter, Area 2 is the Interior, and Area 3 is the Bedrooms. With the HOME/SLEEP/AWAY option, the user can:
    1. Select HOME to arm just the perimeter.
    2. Select SLEEP to arm the perimeter and interior (non bedroom areas).
    3. Select AWAY to arm all three areas.
Note: A Home/Sleep/Away system can be configured to use all three areas or only use the Home and Away areas.
When either All/Perimeter or Home/Sleep/Away is selected, the area names are automatically assigned and cannot be modified.

Note: Areas 3 or higher in an All/Perimeter system and areas 4 or higher in a Home/Sleep/Away system are not available for use and are initialized.

Area Information

Perimeter, Interior and Bedroom area selections have been added to the Area Information section of panel programming instead of the Area Number Option for All/Perimeter and Home/Sleep/Away systems.

```
INT        PERIM
```

All/Perimeter Programming
When All/Perimeter is selected as the system type, program the Interior and Perimeter areas as needed.

```
INT   BDRM PERIM
```

Home/Sleep/Away Programming
When Home/Sleep/Away is selected as the system type, program the Interior, Bedroom, and Perimeter areas as needed.

Zone Information Area Assignment

The Perimeter, Interior and Bedroom area assignment selections have been included in the Zone Information panel programming just after the Zone Type option for All/Perimeter and Home/Sleep/Away systems.

AREA NO: -

Area Assignment
In an Area system, enter the area number where this zone is being assigned. Area number 1-32 for XR500 panels and 1-8 for XR100 panels can be assigned for Night, Day, Emergency, Auxiliary 1 and Auxiliary 2 zones.

AREA: PERIMETER

In an All Perimeter or Home/Sleep/Away system, the currently selected area, Perimeter, Interior, Bedroom displays.

INT   PERIM

On an All/Perimeter system, select INT to program zones for the interior area and select PERIM to program zones for the perimeter area.

INT   BDRM PERIM

On a Home/Sleep/Away system, select INT to program zones for the interior area, select BDRM to program zones for the bedroom area, and select PERIM to program zones for the perimeter area.

Arming Zone Area Assignment

The Perim, All, Home, Sleep and Away area assignment selections have been added for an Arming Zone Type.

ARM/DIS AREAS

Arming Zone Area Assignment
In an Area system, if the zone has been programmed as an Arming Type (AR), enter the areas that the zone controls.

ARM AREAS: PERIM

In an All/Perimeter or Home/Sleep/Away system, this option specifies the areas to be armed by the Arming Type zone. For All/perimeter systems, choose PERIM or ALL, for Home/Sleep/Away or Home/Away systems, choose HOME, SLEEP, or AWAY.

PERIM   ALL

Perimeter/All – Specify whether the arming zone arms just the Perimeter (PERIM) or the Perimeter and Interior areas (ALL) for All/Perimeter systems. When disarming, all areas are disarmed.

HOME SLEEP AWAY

Home/Sleep/Away - Specify whether the arming zone arms the Perimeter (HOME), the Perimeter and Interior (SLEEP), or all three areas (AWAY). When disarming, all areas are disarmed.

Key Fob Area Assignment

The Perimeter, All, Home, Sleep and Away area assignment selections have been added for the 1100 Series Wireless Key Fobs.

```
ARM/DIS AREAS:
```

Arm/Disarm Area Selection

In an Area system, this specifies the areas to be armed/disarmed by the Key Fob button being programmed. To select an area between 1 and 32, enter the area number using the keypad digit keys. Default is no areas enabled.

In order to arm or disarm selected areas, the Profile assigned to the User Number needs to have the same area numbers selected. Any area may be selected at Arm/Disarm Areas but only matching area numbers are armed or disarmed when the specific button is pressed. For example, in Areas selection, areas 1, 3, and 7 are selected. In the User Profile Arm and Disarm Areas, areas 1, 2, 4, and 7 are selected. When the user presses the button to Arm or Disarm area(s), only matching areas 1 and 7 Arm/Disarm.
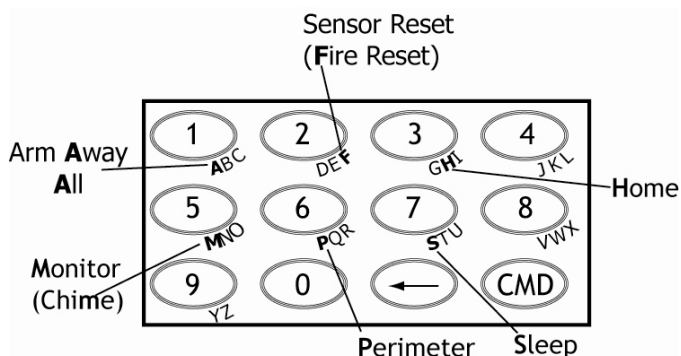
```
ARM AREAS: PERIM
```

In an All/Perimeter or Home/Sleep/Away system, this specifies the area to be armed by the Key Fob button being programmed. For All/Perimeter systems, choose PERIM or ALL, for Home/Sleep/Away or Home/Away systems, choose HOME, SLEEP, or AWAY.

Note: Areas 3 and higher in an All/Perimeter system, and areas 4 and higher in a Home/Sleep/Away system are not available for use.

After selecting the areas, for one-button key fobs the Zone No.: prompt displays. For two-button or four-button key fobs, the Key Fob Button Selection option displays to program additional buttons.

Keypad Shortcut Keys

The LCD keypad now provides one-button shortcut keys. Holding down a keypad button for two seconds until the tone re-sounds allows you to arm, disarm, monitor or reset your system. These options can still be accessed through the User Menu if desired.

Keypad Key	Arming System Operation
Press Key 1	Arm Away for Home/Sleep/Away systems
	Arm All for All/Perimeter systems
Press Key 2	Sensor (Fire) Reset on all systems
Press Key 3	Arm Home for Home/Sleep/Away systems
Press Key 5	Monitor (ChiMe) on all systems
Press Key 6	Arm Perimeter for All/Perimeter systems
Press Key 7	Arm Sleep for Home/Sleep/Away systems

SIA CP-01 Option

A new SIA CP-01 option has been added to System Options that turns on off required operations for the ANSI/SIA CP-01-2000 False Alarm Reduction standard.

```
SIA CP-01:NO YES
```

SIA CP-01

Select YES to allow the panel to operate according to ANSI/SIA CP-01 standards for the following operations. Select NO to enable standard DMP operation. Default is YES.

When YES is selected:

Power Up and Stop Routine

—the 60 second zone startup delay is turned on.

Keypress Alarm Silence

—during an alarm, the keypad alarm and bell output turn off when a key is pressed at a keypad.

Entry Delay

—entering the first digit of a code at the keypad stops the prewarn tone.

Exit Delay

—the keypad Exit Delay displays and annunciates a tone at 8 second intervals until the last 10 seconds when annunciation is at 3 second intervals.

Exit Error Operation for Entry Delay 1

When the exit zone is faulted (door still open) at the end of the exit delay:

—the bell sounds for the length of time set in Bell Cutoff programming

—the Entry Delay operation starts, requiring code entry to disarm

—if not disarmed, a zone alarm and an Exit Error are sent to the receiver

Automatic Disarming Operation

—The Interior automatically disarms if a Perimeter exit zone is not tripped during the Exit Delay time when arming All or Away.

Supervise Net Backup

A Supervise Net Backup option has been added to the Communication section of panel programming just after the Network Backup Option.

```
SUPERVISE BACKUP
        NO   YES
```

Supervise Backup

When Network Backup is set to YES, the Supervise Backup option displays. Select YES to enable supervised communication and send checkins to the network Central Station receiver for Network Backup. Select NO to disable Supervise Backup. Default is NO.

Programming options for supervision of Network Backup is provided by the same options used by the Communications Type programming for UL AA, Check In Time, and Fail Time. If Substitution Code is programmed YES, then it is automatically enabled for Network Backup. When Supervise Backup is set to YES, Net Trouble only displays on the keypad if both remote (primary) and backup IP address communications fail.

Obtaining the New Software

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