

**MR-2350-60-DR****Intelligent Fire Alarm Control Unit****Description**

The MR-2350-60-DR is a single loop intelligent fire alarm control unit that supports up to 60 points. The MR-2350-60-DR is equipped with a two line by 20 character back-lit LCD display, numerical keypad and an integrated UDACT/Digital Communicator. The LCD display allows for 32 characters to be configured for user defined messages. In addition the MR-2350 Series family also includes remote LED and LCD annunciators.

The MR-2350-60-DR is ideal for both new and retrofit applications. Designed for small to medium commercial, institutional and industrial occupancies, these units are powerful enough to meet today's installation demands. The MR-2350-60-DR is configurable by the keypad for onsite programming or by a PC for both onsite and remote programming. Easy to install and simple to operate and configure, the MR-2350-60-DR enables the installer to configure the system to meet their specific requirements.

The MR-2350-60-DR is equipped with a 5.5 Amp power supply, auxiliary resettable smoke power supply (300mA max.), an interface for a Remote Trouble Indicator (SRTI-200) and an RS-485 interface for remote LCD and LED annunciators.

The MR-2350-60-DR comes complete with a red door, black enclosure, durable CAT-30 lock and key and space to mount up to 12 AH batteries.

**Features**

- Single intelligent SLC Loop that supports 60 points
- Points can be any combination of Intelligent Sensors or Modules
- Supports Photoelectric Sensors, Variable Heat Sensors and Multi-Sensor (Heat/Photo)
- Equipped with 2 line by 20 character back-lit LCD display, numerical keypad and an integrated UDACT/Digital Communicator
- LCD display allows for 32 characters to be configured for user defined messages
- Digital Communicator can be configured for DACT or UDACT mode of operation
- Configurable via the front panel, PC Configurator, or remote dial up through the built-in modem
- Sensors can be configured as Alarm, Verified Alarm, Latching or Non-Latching Supervisory, Monitor and Trouble-Only
- Modules can be configured as Alarm, Latching Supervisory, Non-Latching Supervisory, Water Flow, Monitor, Trouble, Fire Drill Switch, Signal Silence Switch, Aux Disconnect Switch and Buzzer Silence Switch
- Base unit is equipped with Four Class "B" (Style "B") indicating circuits which may be configured as Class "A" (Style "Z") using a Class "A" signal converter module
- Indicating Circuits may be configured as Silenceable or Non-Silenceable for both signals and strobes
- Built-in sync protocols for the following strobe manufacturers: Mircom, Amseco, System Sensor, Gentex, Faraday and Wheelock
- Relay contacts for Common Alarm, Auxiliary/Alarm (Disconnectable), Common Supervisory and Common Trouble
- Configurable Signal Silence Inhibit, Auto Signal Silence and One-Man Walk Test
- Subsequent Alarm, Supervisory, and Trouble operation
- RS-485 Interface for Remote LED and LCD Annunciators,
- Positive Alarm Sequence
- Two event history logs comprised of a 200 event alarm log for alarm related events and a 200 event general log for all other events
- 5.5 Amp Power Supply
- Optional City Tie/Polarity Reversal module

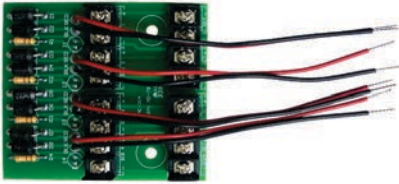


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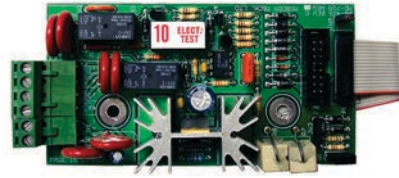


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## Optional Adder Modules



**MR-2300-NC4 Four Indicating Circuit Class “A” Converter Module**  
 The MR-2300-NC4 converts four Class “B” (Style “Y”) output circuits on the MR-2350 to Class “A” (Style “Z”) circuits. The MR-2300-NC4 is equipped with wire leads to connect to the MR-2350 main board.

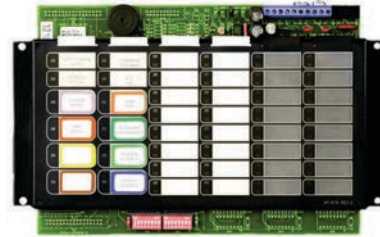


**MR-2300-PR Polarity Reversal/City Tie Module**  
 The MR-2300-PR provides outputs for city box and polarity reversal applications. As a city tie module the MR-2300-PR provides an interface between the control unit indicating circuits and a master box. As a polarity reversal module the MR-2300-PR provides an interface between the control unit and a reverse polarity receiver.

## Remote Annunciators



**MR-2300-LCDR Remote LCD Annunciator**  
 The MR-2300-LCDR provides LCD remote annunciation through a 2 line by 20 character LCD display. The MR-2300-LCDR provides control switches for System Reset, Signal Silence, Fire Drill and Acknowledge as well as a numeric keypad to access the menu functions. The common control functions can be disabled on a per function basis. The MR-2300-LCDR has LED indicators for A.C. On, Alarm, Supervisory, Trouble and CPU Fail. The MR-2300-LCDR comes complete with a red enclosure and a CAT-30 Lock and key.



**RA-1000 Series Remote LED Annunciators**  
 The RAM-1016TZDS and RAM-1032TZDS Remote LED Annunciator provide 16 or 32 points respectively of LED annunciation. Both models come standard with bi-colored LEDs which are automatically configured for either Alarm (Red) or Supervisory (Amber). The annunciators have indicators for A.C. On, Common Trouble and Signal Silence and controls for System Reset, Lamp Test, Fire Drill, Buzzer Silence and Signal Silence. In addition both models allow for the control switches to be disabled on a per function basis. Both models mount in an MMX-BB-1001R enclosure.



**MR-2306-ATR/MR-2312-ATR Remote LED Annunciators**  
 The MR-2306-ATR and MR-2312-ATR provide 8 or 16 points respectively of LED annunciation. Both models feature bi-colored LEDs which are auto-configurable for either Alarm (red) or Supervisory (amber). The LED annunciators have indicators for A.C. On, Common Trouble and Signal Silence and control switches for System Reset, Signal Silence, Lamp Test and Buzzer Silence. The MR-2306-ATR and MR-2312-ATR are equipped with a keyswitch which allows for enabling and disabling of the Common Control functions. Both models are available in a red finish and mount in a 4-gang electrical box.

## Ordering Information

Model	Description
MR-2350-60-DR	Single Loop 60 Point Intelligent Fire Alarm Control Unit with built-in UDACT/Digital Communicator
<b>Optional Adder Modules</b>	
MR-2300-NC4	Four Indicating Circuit Class “A” Converter Module
MR-2300-PR	Polarity Reversal/City Tie Module
<b>Remote Annunciators</b>	
MR-2300-LCDR	Remote LCD Annunciator
RAM-1016TZDS	16 Zone Remote LED Annunciator with trouble LEDs. Mounts in a MMX-BB-1001R enclosure.
RAM-1032TZDS	32 Zone Remote LED Annunciator with trouble LEDs. Mounts in a MMX-BB-1001R enclosure.
MMX-BB-1001R	Red enclosure for RA-1000 Series Annunciators, Houses 1 module.
MR-2306-ATR	8 Zone Remote LED Annunciator
MR-2312-ATR	16 Zone Remote LED Annunciator

