



Conventional and Small Intelligent
Fire Alarm Systems



www.secutron.com

Secutron™ INTELLIGENT FIRE ALARM SYSTEMS

Intelligent Fire Alarm Systems lead the market with sophisticated performance that meet the latest codes and standards (including UL 864 9th Edition compliance), advanced features (including elevator recall timers) and easy installation (with free online training).

INTELLIGENT FIRE ALARM CONTROL UNITS



Model MR-2351 shown

MR-2350 Series

The new enhanced MR-2350 Series Intelligent Fire Alarm Control Units offer the most advanced features and a modular design that support 60, 126 or 378 addressable points. The MR-2350 Series is ideal for small to medium commercial, institutional, and industrial occupancies.

- 2 line by 32 character back-lit LCD Display
- Powerful 5.5 Amp dedicated power supply
- 5 Amp total NAC power with 4 NAC's with 1.7 max Amp per circuit
- Four Class B (NAC) Indicating Circuits
- Configurable UDACT/Digital Communicator
- True Class A 'SLC' circuit configuration
- Two events history logs (200 events/log)
- Optional City Tie/Polarity Reversal Module
- Built-in sync protocols for major strobe manufacturers
- Supports LCD & LED Annunciators
- Walk-test for devices and user selected modules (both relay and signal)
- Configurable via the front panel, PC configurator, or remote dial-up through the built-in modem
- Field upgradeable firmware
- Cabinet supports up to 18 Amp battery

INTELLIGENT SENSORS AND MODULES



Intelligent Sensors

Secutron's Intelligent

Sensors consists of Photoelectric, Thermal and Multi-Criteria Sensors. The sensors mount in a variety of base styles to accommodate installation requirements.



Intelligent Modules

Secutron's Intelligent Modules consist of monitor modules,

output modules, relay modules and isolator modules.



Intelligent Manual Stations

Secutron's Intelligent Manual Stations consist of dual-action addressable manual stations.

REMOTE ANNUNCIATORS



MR-2300-LCDR Remote LCD Annunciator

Provides remote LCD annunciation through a 2 line by 20 character LCD display. The unit includes control switches for System Reset, Signal Silence, Fire Drill and Acknowledge as well as a numeric keypad to access the menu functions.

- LED indicators for AC On, Alarm, Supervisory, Trouble & CPU Fail
- Common control functions can be disabled on a per function basis
- Works with MR-2300 and MR-2350 Series fire control units



RA-1000 Series Remote LED Annunciator

The RA-1000 Series Remote Annunciators are multiplexed annunciators that provide control, indication of common annunciator functions and LED annunciation.

- Large Capacity
- Bi-colored LEDs
- Slide-in labels for each display point
- Surface mount to standard gang outlet boxes
- Sealed membrane-like buttons and LED indicators
- Local Buzzer, Silence and Lamp Test switches

MULTI-VOLTAGE RELAYS



MR-101/C

The MR-101/C offers one SPDT 10 Amp resistive contact which may be operated by one of four input control voltages. A single relay may be energized from a voltage source of 24 VDC, 120 VAC or 230 VAC by wiring to appropriate input terminals. Available in dust resistant enclosures with LED viewing port.



PAM-3

The PAM-3 Relay provides a 3.0 A form "A" contact. The relay may be energized across a wide voltage range from 9 VDC to 40 VDC, making it ideal for 12 VDC and 24 VDC EOL circuits. The 19.3 mA operating current is constant across the operating range. The input voltage is polarity-sensitive and diode-protected.

DIGITAL COMMUNICATOR



DTC-300AR Stand-Alone Digital Alarm Communicator

The DTC-300AR Stand-Alone Digital Alarm Communicator Transmitter/Dialer Module is a six-zone fire alarm communicator that can be connected to any 24 VDC fire alarm control unit. It utilizes two

telephone lines to transmit information for six fully configurable input zones to a Digital Alarm Communicator Receiver (DACR).

- Connects to any 24 VDC fire alarm control unit
- Input zones can be configured for Common Alarm, Common Supervisory, Common Trouble, Common Waterflow Alarm, AC Power Fail Trouble and Battery Trouble
- On-site or remote programming
- Provides event logs of 500 entries each
- Logs can be reviewed locally with the CFG-300 configuration tool or remotely via modem
- Continuously supervises the status of each of the two connected telephone lines

Secutron™ CONVENTIONAL FIRE ALARM SYSTEMS

Advanced Conventional Systems supply both exceptional performance (meeting the latest codes and standards including UL 864 9th Edition compliance) and economy with a selection of systems from 2 to 12 zones.

CONVENTIONAL FIRE ALARM CONTROL UNITS



MR-2600 Series

The MR-2602R (2-zone) and MR-2605R (5-zone) Series are designed for small building fire protection. Both offer an exceptional feature set, a power supply that will handle the unit's full rated load and flexible front panel programming for quick and simple configuration to suit the application at hand.

- 2 or 5 Class B/Style B dual-use zones
- 2 Class B/Style Y notification appliance circuits
- 4.2 Amp power supply, 500 mA of aux. power
- Common alarm and trouble relay
- Optional stand-alone dialer (DTC-300AR)
- Event Buffer
- Six programmable zone options
- Class A capability
- One-man walk test
- Programmable silence timers
- Front panel programming
- Integral battery charger



MR-2300 Series

The MR-2300 Series are designed for small to medium commercial, institutional and industrial occupancies. The MR-2300 Series are available in 6 and 12 zone models with a built-in UDACT/ Digital Communicator.

- 6 and 12 zone configurations
- 5 Amp dedicated power supply
- Configurable UDACT/Digital Communicator
- True Class A circuit configuration
- Two event history logs (200 events/log)
- Optional City Tie/ Polarity Reversal Modules
- Optional modules for internal relay circuits
- Built-in sync protocols for major strobe manufacturers
- Remote upload/download capabilities
- Individual circuit disconnect buttons
- Remote relay modules
- Remote programming capability
- LED and LCD display configurations

MANUAL PULL STATIONS



MRM-MPG Series

MRM-MPG Series manual stations are designed to provide decades of worry free service and 'best in class' economy.

- Durable Extruded Aluminum Construction
- Attractive, Low Profile Design
- Standard Single Gang Mount
- Glass Rod Optional (one provided)



MRM-700 Series

Provides manual fire reporting. High quality die-cast metal available in dual-action configuration with

- SPST contacts and terminal strip connections.
- Key resettable (ADA compliant)
- Gold plated SPST contacts
- CAT-30 lock and keys



MS-703U/MS-704U Series

The MS-703U/MS-704U Emergency Manual Stations are high quality die-cast metal, designed to meet

- special use requirements for indoor/outdoor use.
- Single-Action
- Key resettable
- High-gloss enamel in Blue and Yellow
- N.O. or N.C. Alarm Contacts

SMOKE DETECTORS AND NOTIFICATION APPLIANCES



MIR-65 Series Smoke Detectors

The MIR-65 Series incorporates proven sensing technology, together with advances in materials and electronics technology. Having a wide operating voltage of 9-33 VDC,

the MIR-65 Series detectors can be integrated into most Fire/Security systems. The MIR-65 Series wide voltage family consists of smoke and heat detectors.

- 2 and 4-wire bases
- Advanced electronic technology
- Wide operating voltage
- Available in 2 and 4-wire



FH-340/FS-340/ FHS-340 Series Horns, Strobes and Horn/Strobes

The Select-A-Horn/ Strobe Series are designed to comply with the Americans with

Disability Act (ADA) and meet UL

standard 1971 requirements. The strobe features a unique candela intensity field selector switch for alternating the candela output while the horn provides different field selectable tones.

- Strobe with two field selectable settings 15/75 or 30/120 cd
- All models mount to 4 inch square, single gang, double gang or octagon backbox
- Available in red or white housing
- Universal mounting plate included with each unit



5600 Series Heat Detectors

System Sensor's 5600 Series Mechanical Heat Detectors offer a low-cost means for property protection against fire, and for non-life-safety installations where smoke detectors are inappropriate.

- Rate-of-Rise and Fixed Temperature
- One or Two-Circuit, Normally Open
- Easy Installation
- Low Profile
- Visual Indication



Exceder Series Horns, Strobes and Horn/ Strobes

The Exceder Series notification appliances feature a modern design and a comprehensive list of features including

more candela options, low

current draw, voltage test point, 12/24 VDC operation and a universal mounting base for all models.

- Common mounting plate for all models
- 3 audible settings
 - 90, 95 and 99 dBA
- 8 candela settings
 - Wall – 15/15-75/30/75/95/110/135/185
 - Ceiling – 15/30/60/75/95/115/150/177



SpectrAlert Advance Horns, Strobes and Horn/Strobes

The SpectrAlert Advance series offers the most versatile and easy-to-use line of horns, strobes, and horn strobes in the industry. With white and red plastic housings, wall and ceiling mounting options, and plain and FIRE-printed devices, SpectrAlert

Advance can meet virtually any application requirement.

- Plug-in design
- Tamper-resistant construction
- Field-selectable candela settings: 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177, and 185
- Rotary switch for horn tone and three volume selections
- Universal mounting plate
- Listed for ceiling or wall mounting



Commander³ Series Horns, Strobes and Horn/Strobes

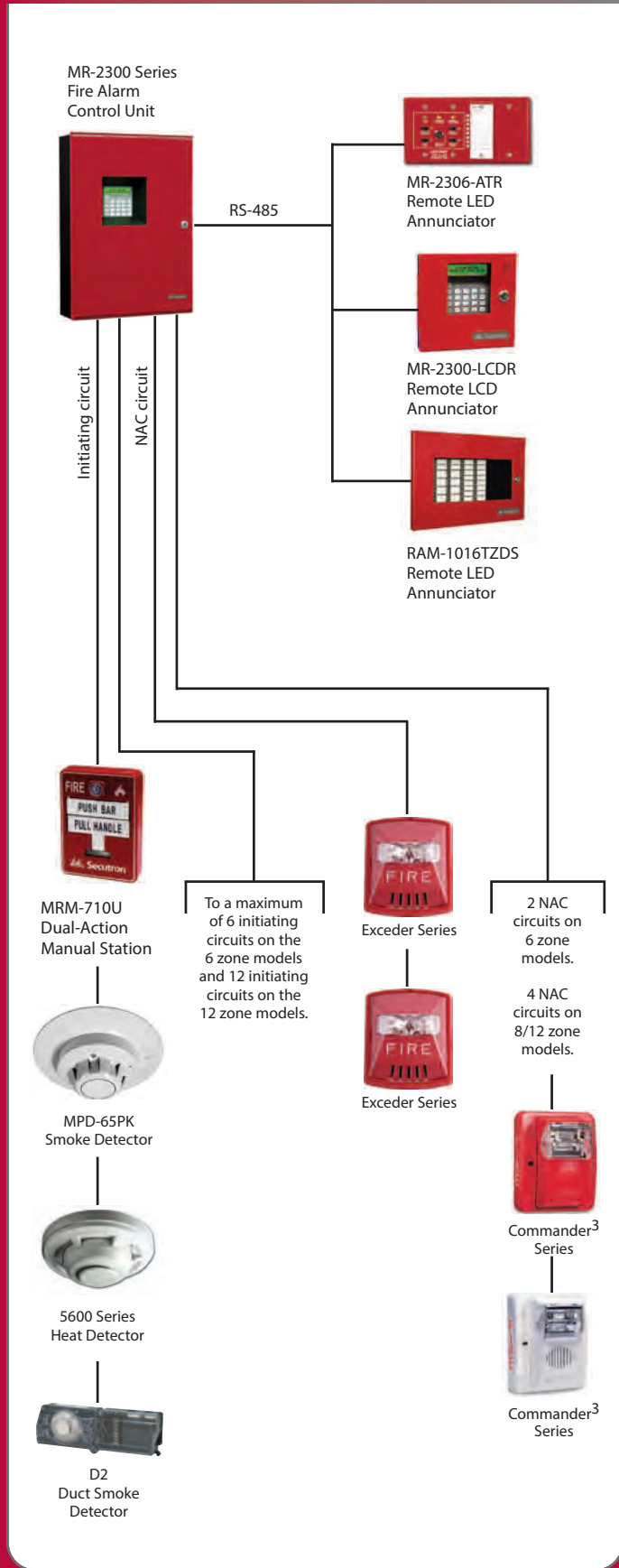
The Commander³ Series notification appliances feature a modern design and a comprehensive list of

features including more candela options, low current draw, voltage test point, 12/24 VDC operation and a universal mounting base for all models.

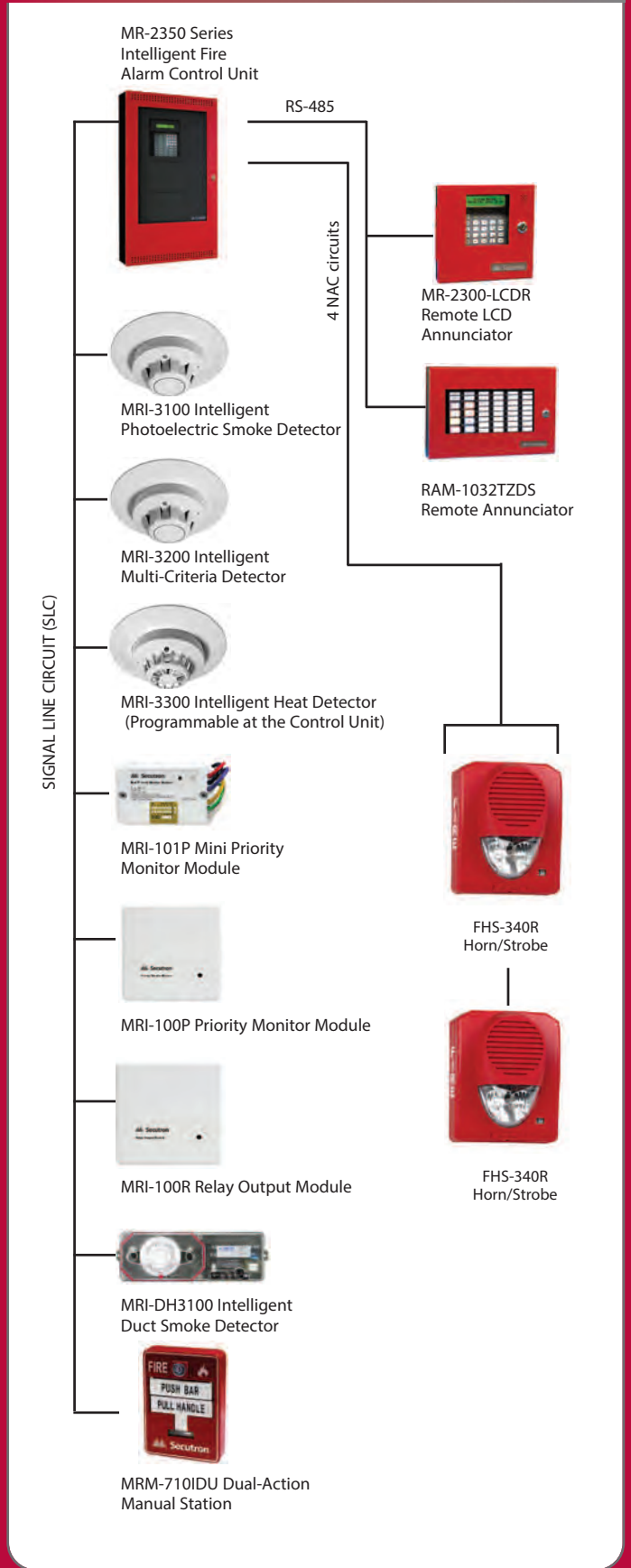
- 12/24 VDC models with wide listed voltage range
- Tamper-proof field selectable candela 15/30/60/75/110 (110 is 24 V only)
- 6 field selectable tones loudest up to 104 dBA
- UL 464 and UL1971

TYPICAL SYSTEM WIRING DIAGRAMS

CONVENTIONAL



INTELLIGENT ADDRESSABLE



CROSS REFERENCE CHART

Summit Model #	Secutron Model #	Description
Conventional Fire Alarm Control Units		
SFC-100 Series	MR-2600 Series	
SFC-102R	MR-2602R	Two zone Fire Control Unit, Red
SFC-105R	MR-2605R	Five zone Fire Control Unit, Red
SFC-200 Series	MR-2300 Series	
SFC-200-6DDR	MR-2306-DDR	Six zone LCD Display Fire Control Unit c/w UDACT, Red
SFC-201-12LDR	MR-2312-LDR	Twelve zone LED Display Fire Control Unit c/w UDACT, Red
SFC-201-12DDR	MR-2312-DDR	Twelve zone LCD Display Fire Control Unit c/w UDACT, Red
SFC-300 Series		
SFC-308K	Not Available	Eight Zone Fire Alarm Control Unit, Red, Slide Switches
Intelligent Fire Alarm Control Units		
SFC-500 Series	MR-2350 Series	
SFC-500-60-DR	MR-2350-60-DR	60 point Intelligent Fire Alarm Control Unit c/w UDACT, Red
SFC-551-DR	MR-2351-LD-RA	126 point Intelligent Fire Alarm Control Unit c/w UDACT, Red
SFC-553-DR	MR-2351-LD-RA	378 point Intelligent Fire Alarm Control Unit c/w UDACT, Red Requires ALC-252 Loop Adder Module.
Remote Annunciators		
SRAM-200LCDR	MR-2300-LCDR	Remote LCD Annunciator c/w Red Enclosure
Intelligent Devices		
SIP-200	MRI-3100	Intelligent Photoelectric Smoke Sensor
SIM-200	MRI-3200	Intelligent Multi-Criteria Sensor
SIH-200	MRI-3300	Intelligent Heat Sensor
SIB-6	MRI-2001	6" Intelligent Base
SIB-6R	MRI-2001R	6" Intelligent Relay Base
SIB-6TH	MRI-2001HT	6" Intelligent Sounder Base
SIB-ADD	MRI-ADD	Address Cards (Pkg of 10)
SIDH-200P (R)	MRI-DH3100	Photoelectric Duct Detector R= with Relay
SIM-100P	MRI-100P	Intelligent Priority Monitor Module
SIM-101P	MRI-101P	Intelligent Priority Mini-Monitor Module
SIM-100R	MRI-100R	Intelligent Relay Module
SIM-100S	MRI-100S	Intelligent Supervised Output Module
SIM-100X	MRI-100X	Fault Isolator Module
SPS-202ID	MRM-710IDU	Intelligent Manual Station, Dual Action
SPS-101IDCA	MRM-MPG1ID	Intelligent Manual Station, Single Stage (Canada)
SPS-102IDCA	MRM-MPG2ID	Intelligent Manual Stage, Two Stage (Canada)

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About the Mircom® Group of Companies

The Mircom Group of Companies (MGC™) is North America's largest independent designer, manufacturer and distributor of advanced Fire Detection & Alarm, Voice Evacuation & Communication Systems, and Controlled Access & Security Solutions, serving the global marketplace for over 20 years.

MGC owns the Mircom™, Secutron™ branded line of products. With corporate headquarters located in Toronto (Vaughan), Ontario, Canada and Niagara Falls, New York, U.S.A., MGC operates a dedicated network of sales and service branch offices throughout North America and abroad, under its Mircom Engineered Systems™ brand (Mircom ES™).

MGC Systems International Limited supports the sales and installation of MGC systems in more than 50 countries worldwide, with regional offices located in Mexico City, Mexico; Buenos Aires, Argentina; Bangalore, India; Dubai, UAE; and Singapore. Under its United Export Corporation (U.E.C.™) division, MGC distributes a broad range of exceptional fire protection equipment to more than 70 international markets.

