Fire Solutions
Innovation That Endures

FIRE·LITE ALARMS
by Honeywell

Fire-Lite® Alarms has a legacy of simple, reliable life-safety systems. By designing advanced technology that's also easy to use, Fire-Lite makes protecting what matters most easy – year after year. In a world where anything can change in an instant, you can count on the consistency of Fire-Lite.

Fire-Lite®- Innovation that Endures.

Table of Contents

Addressable Fire Alarm Control Panels

Fire-Lite Alarm's innovative, addressable control panels offer a wide range of capabilities to provide superior value and flexibility. They are easy to install and program with notification appliance circuit (NAC) synchronization and enable emergency personnel to quickly locate a fire. The built-in LiteSpeed™ protocol ensures the fastest possible device response times to help reduce property damage and save lives.

Endurance Series
ES-50XC (ES-50XC-FR)
and ES-200XC (ES-200XC-FR)

- Single SLC that provides support for 50 (ES-50XC) or 198 (ES-200-XC) addressable devices.
- Upload/download panel programming database and flash firmware with USB thumb drive.
- 4 programmable function keys to save time.
- Built-in Class-A capability for all 4 NACs; no optional card required.
- Trouble indication for SLC devices not programmed.
- Notification appliance circuits have built-in sync for the industry's leading manufacturers including System Sensor®, Wheelock®, and Gentex®.

Emergency Command Center (ECC)

Fire-Lite Alarm's Emergency Command Center (ECC) leverages advanced technology and 60+ years of life-safety experience to deliver critical messages through non-proprietary systems. The ECC is ideal for any building that needs a flexible, multi-zoned, and highly configurable fire evacuation and mass notification system that's easy to maintain.

ECC-50/100 Primary Operator Console

- Seamless integration and control when connected to select Fire-Lite addressable panels through the ANN/ACS communication bus.
- May be used with any listed control panel (messages can be initiated by using a dry contact or via a fire alarm NAC circuit).
- Includes a single 25 volt, 50 watt speaker circuit (upgradable to 100 watts and 2 speaker circuits with optional amplifier).
- Speaker circuits are expandable by up to 8 outputs (with an optional ECC-CE6 module).
- Can support up to 14 prerecorded messages that are field-programmable for up to 60 seconds of message playback.
- Built-in 2 Amp NAC output with sync generator.
- 8 Command Input Circuits that can be used to activate messages 1 to 8.
- Optional amplifier can be configured as a backup in the event the primary amplifier fails. Amplifiers are independently powered to eliminate system interruption during a short circuit condition.
- Optional transformer conversion module available for 70.7 volt speaker operation.
- Supports charging up to 26AH batteries.

ECC-LOC Local Operator Console

- Provides complete control and has an interface similar to the ECC-50/100
- Includes built-in microphone for ALL CALL paging along with message and zone control.
- A maximum of 8 ECC-LOCs (or combination of other remote display consoles).

Conventional Fire Control Panels

Fire-Lite's 24-volt conventional fire alarm control panels (FACPs) bring the latest in microprocessor technology to conventional fire controls. With 5-zone and 10-zone configurations, these units offer options to meet most local, provincial, and national requirements in the most efficient and effective way possible.

MS-5UD-7C (MS-5UD-7C-FR)

- 5-zone Style B (Class B) or 5-zone Style D (Class A) with optional module.
- 3.0 amps maximum alarm current.

MS-10UD-7C (MS-10UD-7C-FR)

- 10-zone Style B (Class B) or 10-zone Style D (Class A) with 2 optional modules.
- 7.0 amps maximum alarm current.

MS-5UD/MS-10UD Shared Features and Specifications

- 4 NAC Circuits Style Y (Class B) or 4 NAC Circuits Style Z (Class A) with optional modules.
- Built-in horn/strobe NAC synchronization with Remote Synchronization Output.
- Integral 80-character LCD display with backlighting and keypad.
- Annunciator bus supports up to 8 devices, including ANN-80 LCD Remote Annunciator, ANN-S/PG remote serial or parallel printer gateway, ANN-RLY, 10 form C relay board, ANN-LED Zone annunciator, and ANN-I/O LED driver board for graphic annunciators.
- Built-in 2-line digital communicator for off-premises monitoring.
- 3 Form-C programmable relays.
- Supports System Sensor®, Wheelock®, Gentex®, Faraday®, and Amseco® devices.

Releasing Control Panels

Designed to meet the most demanding conventional releasing applications with the flexibility and reliability typically found only in advanced systems, Fire-Lite's Deluge/Preaction and Agent Release models offer rich features such as built-in, easy-to-use programming templates, adjustable delay timers, and more for customized protection.

MRP-2001C (MRP-2001C-FR) Deluge/Preaction Control Panel

- 6-zone Style B (Class B) or 6-zone Style D (Class A) with optional modules.
- 4 Programmable Output Circuits Style Y (Class B).
- Outputs programmable for Releasing Solenoids.
- Dual hazard operation.
- Adjustable waterflow discharge timer and 2 soak timers.
- Cross-zone capability.
- Pre-programmed and custom application templates.
- Built-in NAC synchronization.
- Built-in programmer.
- Annunciator bus supports up to 8 devices, including ANN-80C LCD Remote Annunciator, remote serial or parallel printer gateway, and LED graphic annunciator.

MRP-2002C (MRP2002C-FR) Agent Release Control Panel

- 6-zone Style B (Class B) or 6-zone Style D (Class A) with optional modules.
- 4 Programmable Output Circuits Style Y (Class B).
- Outputs programmable for Releasing Solenoids.
- Dual hazard operation.
- Adjustable pre-discharge, discharge, and waterflow delay timers.
- Programmable Abort operation.
- Cross-zone capability.
- Pre-programmed and custom application templates.
- Built-in NAC synchronization.
- Built-in programmer.
- Annunciator bus supports up to 8 devices, including ANN-80C LCD Remote Annunciator, remote serial or parallel printer gateway, and LED graphic annunciator.

Synchronized Power Supplies

Fire-Lite's FCPS-24FS6C and FCPS-24FS8C are recognized as the benchmark for dependable fire alarm power supplies. Featuring built-in System Sensor®, Wheelock®, and Gentex® strobe synchronization, these power devices can be cascaded with strobe timing maintained to meet any installation requirement.

FCPS-24FS6C
FCPS-24FS8C

- 24 volt, 6 or 8 amp versions available.
- 4 Class B (Style Y) Class A (Style Z) outputs.
- Built-in Strobe Synchronization
- Built-in 18 amp Hour Battery Charger.
- Operates as a sync follower or a sync generator (default).

Pull Stations

BG-12 Series

The BG-12 is a cost-effective, non-coded series of fire alarm pull stations. They are available in both conventional and addressable versions, including single and dual action, with either key lock or hex key. The BG-12 series is typically specified and is a go-to for most architects and engineers.

Annunciators

ANN-80C and ANN-100

The ANN-80C/100 are compact, backlit 80-character LCD fire annunciators. Both mimic the FACP display and provide system status indicators for AC, power, alarm, trouble, supervisory and alarm silence conditions. ANN-100 is FM and ULC approved.

ANN-LED

The ANN-LED annunciator module provides LED annunciation of general system faults, and input zones and points when used with a compatible FACP. It provides alarm, trouble, and supervisory indication for up to 10 input zones or addressable points.

ANN-I/O

The ANN-I/O is a LED driver module that can be used with a FACP to drive most customized graphic annunciators. It comes in a plastic enclosure that may be mounted inside a custom annunciator or accessory cabinet, and can drive up to 40 LEDs.

Addressable Smoke Detection

H365A

SD365A

Fire-Lite is always at the forefront of future detection code requirements. Our new line of addressable detectors, bases, and accessories maintain the same performance offered by previous core devices, now with a more modern look.

IP/Cellular Communicators

CELL-CAB-FLC

CELL-MODC

CELL-CAB-FLC and CELL-MODC

The new CELL-CAB-FLC and CELL-MODC are additional, easy-install cellular communicator options for Fire-Lite addressable FACPs. The compact, integrated designs add cellular reporting to the Endurance Series FACPs, while eliminating the need for separate dialer capture modules and special programming to reduce cost.
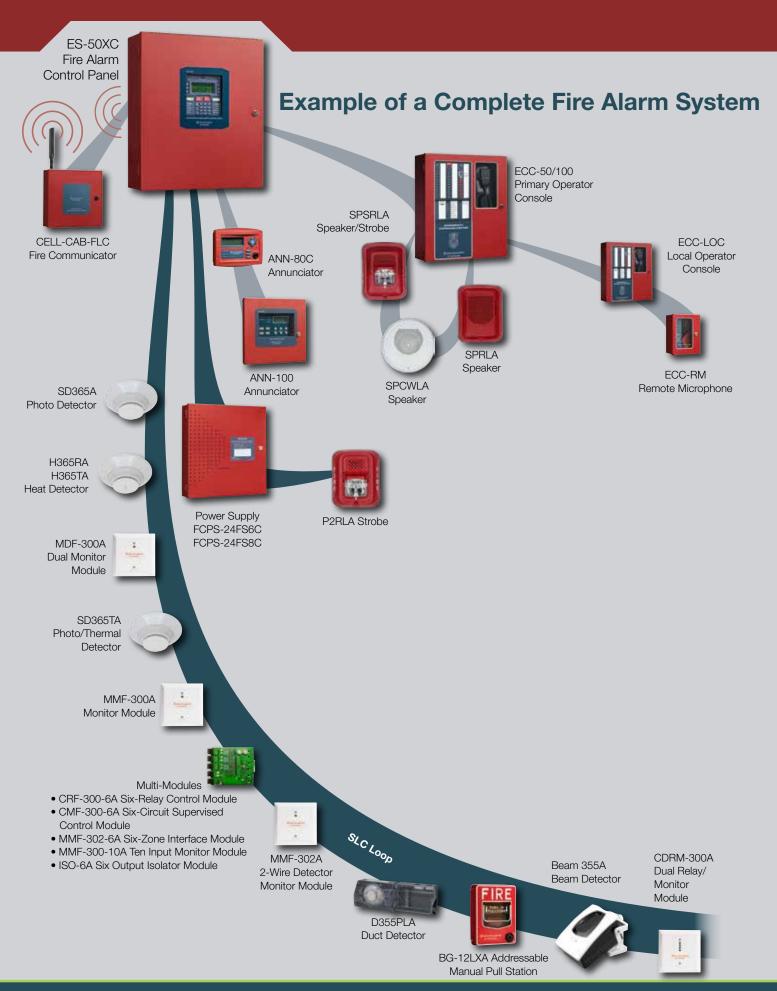

IPGSM-4GC

IPGSM-4GC

The IPGSM-4GC fire alarm communicator represents a leading-edge internet and/or GSM cellular communications solution for monitoring fire alarm systems and easily installs using AlarmNet. Fast, secure, and effective alarm communications technology enables connection to any Contact-ID fire panel.

Quick Reference Guide

Features	MS-5UD-7C	MS-10UC-7C	Addressable Fire Alarm Control Panels		
			ES-50XC	ES-200XC	MS-9600UDLS
Panel Voltage	24	24	24	24	24
Addressable Points	N/A	N/A	50	198	636 (2 Loops)
LiteSpeed™ Protocol	N/A	N/A	Yes	Yes	Yes
Number of Zones	5	10	50	100	100
Class A/B Initiating Zones/Loops	B or A Option	B or A Option	A or B	A or B	A or B
Supports System Sensor i3 Detectors with Freeze Warning	Yes	Yes	N/A	N/A	N/A
Notification Circuits	4 (A or B)	4 (A or B)	2 (A or B)	4 (A or B)	4 (A or B)
Notification Power (Amps)	3.0	7.0	2.5	3.0-6.0	7.0
Communicator	Built-in	Built-in	Built-in	Built-in	Built-in
Supports Upload/Download	Remote or Local	Remote or Local	Remote or Local	Remote or Local	Remote or Local
Works with IP Communicator	Yes	Yes	Built-in	Built-in	Built-in
Battery Range (in Amp Hours)	7.0-18.0	7.0-26.0	7.0-18.0	7.0-18.0	7.0-26.0
Alarm Contact	Programmable	Programmable	Programmable	Programmable	Programmable
Trouble Contact	Programmable	Programmable	Yes	Yes	Yes
Supervisory Contact	Programmable	Programmable	Programmable	Programmable	Programmable
Reverse Polarity Transmitter	Option	Option	Option	Option	Option
Temporal Coding	Programmable	Programmable	Programmable	Programmable	Programmable
Optional Remote Annunciator	Yes	Yes	Yes	Yes	Yes
Built-in Sync-Selective Silence	Yes	Yes	Yes	Yes	Yes
Supports Printer	Option	Option	Option	Option	Yes
Listings	ULC, FM	ULC, FM	ULC, FM	ULC, FM	ULC, FM

Features	411UD	411UDAC	Releasing Control Panels	
			MRP-2001C	MRP-2002C
Input DC Voltage	12/24	12	24	24
Number of Zones/Channels	4	4	6	6
Class A or Class B Zones	B	B (One A)	B or A Option	B or A Option
Control Communicator	Slave Comm.	Stand-Alone or Slave Comm.	No	No
Remote Upload/Download	Yes	Yes	No	No
Supports System Sensor i3 Detectors with Freeze Warning	N/A	N/A	Yes	Yes
Notification Circuits	N/A	N/A	4	4
Notification Power (Amps)	N/A	1	7	7
Battery Range (in Amp Hours)	N/A	Up to 14.0	7.0-26.0	7.0-26.0
Auxiliary Input	No	No	N/A	N/A
Alarm Contact	Option (Prog.)	Option (Prog.)	Programmable	Programmable
Trouble Contact	Option (Prog.)	Option (Prog.)	Programmable	Programmable
Supervisory Contact/Output	Option (Prog.)	Option (Prog.)	Programmable	Programmable
Optional Remote Annunciator	No	No	Yes	Yes
Supports Printer	No	No	Yes	Yes
Listings	ULC, FM	ULC, FM	ULC, FM	ULC, FM

Example of a Complete Fire Alarm System

ES-50XC
Fire Alarm
Control Panel

CELL-CAB-FLC
Fire Communicator

ECC-50/100
Primary Operator
Console

SPSRLA
Speaker/Strobe

ECC-LOC
Local Operator
Console

ANN-80C
Annunciator

ANN-100
Annunciator

SPCWLA
Speaker

SPRLA
Speaker

ECC-RM
Remote Microphone

SD365A
Photo Detector

H365RA
H365TA
Heat Detector

Power Supply
FCPS-24FS6C
FCPS-24FS8C

P2RLA Strobe

MDF-300A
Dual Monitor
Module

SD365TA
Photo/Thermal
Detector

MMF-300A
Monitor Module

Multi-Modules
• CRF-300-6A Six-Relay Control Module
• CMF-300-6A Six-Circuit Supervised
  Control Module
• MMF-302-6A Six-Zone Interface Module
• MMF-300-10A Ten Input Monitor Module
• ISO-6A Six Output Isolator Module

MMF-302A
2-Wire Detector
Monitor Module

SLC Loop

D355PLA
Duct Detector

BG-12LXA Addressable
Manual Pull Station

Beam 355A
Beam Detector

CDRM-300A
Dual Relay/
Monitor
Module

FIRE·LITE ALARMS
by Honeywell

For more information visit:
firelite.com/ca

ISO 9001
CERTIFIED
ENGINEERING & MANUFACTURING

Fire-Lite Alarms
3333 Unity Drive, Mississauga, Ontario L5L 3S6
1-888-289-1114 • www.firelite.com