

GE
Security
Fire & Life Safety

GE
We bring good
things to life.



Analog fire alarm systems from the world leader in life safety technology...



For decades GE fire alarm technology has held a position of leadership in the life safety industry, protecting some of the world's most impressive structures – from Egypt's Bibliotheca Alexandrina Museum, to the modern-day sphinx at the Luxor Hotel in Las Vegas.

Now that same GE spirit of innovation is available for small buildings, making fire alarm systems smarter, more responsive, and easier to install and maintain than ever before.

From distributed intelligence and independent alarm processing that allows the use of existing wiring, to wire runs of up to 20,000 feet per device loop, and ground fault detection by device, FireworX represents a whole new generation of small building solutions.

This new generation offers the economy of IP Ethernet remote diagnostics; the reliability of intelligent multisensor detectors with environmental compensation; and, the architecturally pleasing design of our low profile Genesis line of signals.

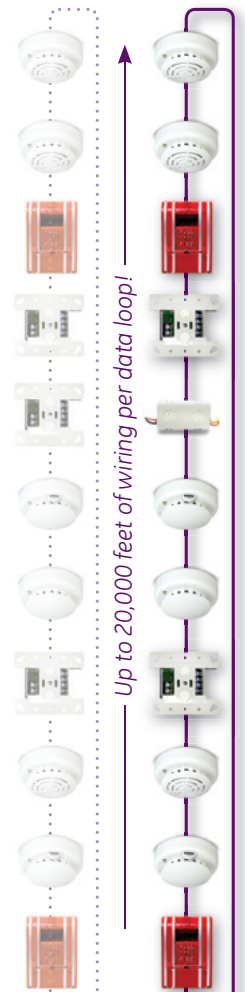


FireworX: a cohesive family designed to work in concert to deliver the optimum level of performance for every application.

But innovative features tell only half the story: when you choose FireworX you're getting more than outstanding value in a fire alarm panel; you're benefitting from a whole family of control, detection, and notification appliances finely tuned to work together – engineered and tested to function as a single unified system.

Built on the successes of the past, and meeting the needs of the future, FireworX is the changing face of small building fire detection today.

With control panels, devices, and accessories all engineered to work in unison, FireworX products provide reliable performance and the features you need for successful installation and worry-free operation. Best of all, FireworX leaves you in control – not hemmed in by a limited product line. GE’s extensive range of fire alarm products gives you the freedom to tailor each system to the particular needs of the building – and the budget of the building owner – while a robust feature set leaves plenty of room for upgrades, expansions, and retrofits long into the future.



It just makes sense.

FX-254: one loop that supports up to 127 analog/addressable devices. Can be expanded to two loops. Each loop supports up to 127 detectors and up to 127 modules.

FX-64: one loop that supports up to 64 analog/addressable devices of any type.

Optional second loop (FX-254)





Get Smart.

Intelligent analog control for your small to mid-size applications

UL 864 9th Edition Listed

- **FireworX 254 Point Analog/addressable Life Safety Control Panels**
Data sheet FX85005-0130
- **FireworX 64 Point Analog/addressable Life Safety Control Panels**
Data sheet FX85005-0131

FireworX life safety systems offer the reliability of analog/addressable fire detection for small to mid-sized applications. Built to provide years of trouble-free operation, these systems offer rotary device addressing, *PinPoint™* ground fault point ID, optional Ethernet® port, and a full line of easily-to-configure option cards and modules including a dual-line upload/download dialer.

FX-64 control panels provide one Class B analog/addressable device loop that supports up to 64 device addresses, and two 2.5-amp Class B Notification Appliance Circuits (NACs). Optional Class A NAC device wiring is available.

FX-254 control panels provide one Class A or Class B analog/addressable device loop that supports up to 127 devices. A second 127-point loop may be added to the FX-254 to expand total system capacity to up to 254 device addresses that can be mixed between any type of device, such as detectors and modules. The panel includes four 2.5-amp Class A or Class B NACs.

Ordering Information

254 analog/addressable point capacity,
4 NACs, surface mount enclosure

FX-254RD Multi-loop system

R for red door
G for gray door

Add D for dual-line U/D dialer

64 analog/addressable point capacity,
2 Class B NACs, surface mount enclosure

FX-64RD Single-loop system

R for red door
G for gray door

Add D for dual-line U/D dialer

Option Cards

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|---------|--|
| SA-DACT | Dual-line upload/download dialer & modem, supports 4/2 and Contact ID. |
| SA-232 | Serial Port (RS-232), for connection to printers & computers. |
| SA-ETH | Ethernet port for diagnostics and programming. |
| XAL127 | Loop Expansion Module. Adds second loop to FX-254 systems, 254 point capacity. |
| SA-CLA | Class A adapter module. Provides Class A capacity on NACs. FX-64 only. |
| D16L-FA | Local LED display, 16 zones, 2 LEDs per zone |

- Ground-fault detection by module
- *WireSaver* feature enables use of existing or new solid or stranded fire wire (up to 20K ft.) for most retrofit applications
- Rotary addressing
- Optional Ethernet port for diagnostics and programming
- Supports horn silence over two wires and UL 1971-compliant strobe synchronization with GE's low profile notification appliances
- Class A wiring standard on FX-254 panels, optional on FX-64 panels
- Supports up to eight serial annunciators, (LCD, LED-only, and graphic interface)
- Upload/download remotely or locally
- Automatic drift compensation and two-level *CleanMe* maintenance alert reporting
- Pre-alarm and alarm verification by point
- Day/Night sensitivity detector adjustment
- 4 x 20 character backlit LCD display
- Form C contacts for alarm and trouble, Form A for supervisory

Go the distance.

The FireworX line of analog addressable initiating devices draws on field-proven GE fire alarm technology that has been at the forefront of the life safety industry for decades. Now your small to mid-sized installations can benefit from the same high-end technology that's protecting some of the world's most important structures.

Smoke and Heat Detectors

Data Sheet FX85001-0592

FireworX analog addressable detectors feature comprehensive self-diagnostic capability. FX-PD and FX-PHD optical detectors continuously adjust their sensitivity to compensate for changes in the environment such as the presence of dirt, smoke, temperature, and humidity. The detectors issue a dirty sensor warning when they reach their preset limit. And, with the world's only replaceable optical chamber, no other detector is as simple or as easy to service.



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|---------|---|
| FX-PHD | Intelligent Analog Optical/Fixed Temperature Detector |
| FX-PD | Intelligent Analog Optical Smoke Detector |
| FX-HD | Intelligent Analog Fixed Temperature Heat Detector |
| B4U | Standard Base |
| RB4U | Relay Detector Base |
| IB4U | Isolator Detector Base |
| SB4U | Audible (Sounder) Detector Base |
| AB4G-SB | Surface Box for Audible Base |
| RLED | Remote alarm LED |

Input-Output Modules

Data Sheet FX85001-0611



Designed expressly for small buildings, FireworX modules are addressable devices that are uniquely identified on the system by means of familiar rotary switches. Unique to FireworX modules is ground fault detection so precise that it actually pinpoints the specific module where the wiring problem has occurred, saving hours of troubleshooting and wire tracing.

| | |
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| FX-IDC1A | Class A Single Input Module connects a normally open, alarm, supervisory, or monitor type dry contact initiating device circuit to the FireworX control panel. |
| FX-IDC1B | Single Input Mini Module connects a normally open, alarm, supervisory, or monitor type dry contact Class B initiating device circuit to the FireworX control panel. |
| FX-2WIRE | Class A-B Two-Wire Module acts as an interface between conventional two-wire smoke detectors and FireworX analog addressable control panels. |
| FX-IDC2B | Dual Input Module Connects two normally open, alarm, supervisory, or monitor type dry contact initiating device circuits to the FireworX control panel. |
| FX-IDCWS | Dual Input Waterflow-Supervisory Module connects normally open Class B water-flow alarm and supervisory initiating device circuits to the FireworX control panel. |
| FX-NAC | NAC Module connects a supervised output circuit to a signal riser. |
| FX-RLY | Contact Relay Module provides one Form C dry relay contact and can be configured to provide polarity reversal of its output. Double-gang box mount. |
| FX-ISO | SLC Fault Isolator Module Protects a Class A SLC from total collapse due to wire-to-wire short circuits. Double-gang box mount. |

Duct Detector

Data Sheet FX85001-0613



The FX-PDD analog addressable duct detector features a unique design that speeds installation and simplifies maintenance. Removable dust filters, conformally coated circuit boards, and optional water-resistant gaskets keep contaminants away from components, ensuring years of trouble-free service.

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| FX-PDD | Intelligent Duct Detector |
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Manual Stations

Data Sheet FX85001-0612



GE intelligent manual pull stations are engineered to deliver high-performance features, superb reliability, and unbeatable quality.

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|--------|----------------------------------|
| FX-270 | One Stage Fire Alarm Station |
| FX-278 | Double Action Fire Alarm Station |

See data sheets for complete listings of FireworX analog/addressable detectors and modules.

Do more with less.

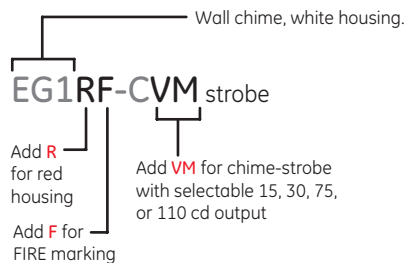
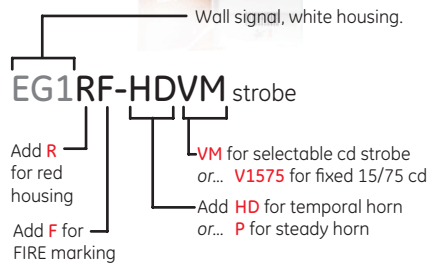
FireworX brings on-demand signaling to every application with an unparalleled range of field-configurable options like horns and chimes with high/low dB output settings, and strobes with selectable candela output and flash rate – options that put you in the driver’s seat when time is short, budgets are slim, and manpower is at a premium.

Only FireworX intelligent analog control panels work with exclusive GE signaling technology that delivers independent horn control over just a single pair of wires. This valuable feature makes it possible to silence horns while the strobes remain active.



FireworX Wall Signals

Data Sheet FX85001-0573



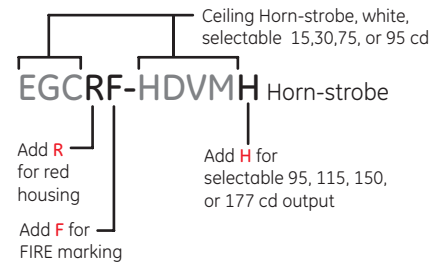
Trim Plates

Data Sheet FX85001-0573

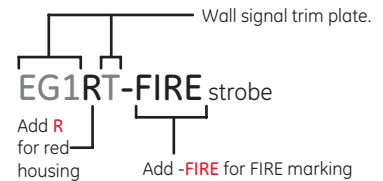
Optional trim plates for wall signals are ideal for covering openings left behind during retrofits; red or white models are available with or without “FIRE” marking.

FireworX Ceiling Signals

Data Sheet FX85001-0559



Low-profile ceiling signals are rated for wall or ceiling mount applications!



FireworX panels come standard with the protocol necessary for connected FireworX strobes to meet stringent UL 1971 synchronization requirements – all without external signal modules!

Meet the family.

FireworX represents a complete and comprehensive family of system controls and components, all finely tuned to work in concert with one another. Tested and designed to the exacting standards of GE quality control, these system components will reduce installation costs, extend application flexibility and provide years of trouble-free service.

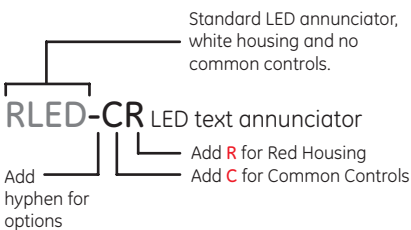
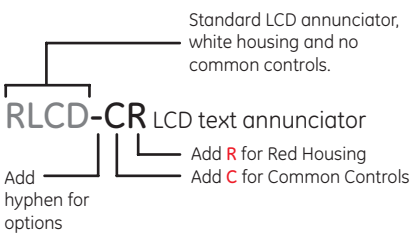
Remote Annunciators

Data sheet FX85005-0128



FireworX remote annunciators provide status indication and common controls for FX-Series small analog fire alarm systems. This family of annunciators offers LCD or LED annunciation.

There are three R-Series annunciator models, plus an LED-based expander. Up to two expanders can be connected to any annunciator. The expander includes 24 pairs of LEDs. All annunciator models include status LEDs and an internal sounder.



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| RLED24R | 24-pair LED zone expander with cable and insert. <i>Add R for red housing.</i> |
| RA-ENC1 | One-position enclosure. |
| RA-ENC2 | Two-position enclosure for annunciator and expander. |
| RA-ENC3 | Three-position enclosure for annunciator and two expanders. |

Remote Booster Power Supplies

Data Sheet FX85005-0125



FireworX Boosters are self-contained 24 VDC UL Listed fire alarm power supplies designed to exceed today's rigorous UL 1971 ADA candle requirements. FX Boosters contain all of the necessary circuits to monitor and charge batteries, control and supervise four Class B or two Class A NAC circuits, and monitor two controlling inputs from external sources.

Simple switch selection provides a wide variety of operational configurations. Each remote booster power supply is supplied with its own enclosure providing ample space for additional interface modules and batteries.

Booster notification appliance circuits easily configure for either of two signaling rates: 3-3-3 temporal or continuous. California rate is also available on certain models. This makes the FX Booster Power Supply ideal for applications requiring signaling power not available from the main panel. It also allows independent setup of a notification appliance circuit without interfering with the main control panel and its initiating circuits.

All FX Booster Power Supplies support FireworX low profile notification appliances and offer strobe synchronization that exceed UL 1971 requirements, while providing independent horn control over a single pair of wires. This is the same synchronization protocol available on FireworX control panels.

FX Booster Power Supplies are available with red cabinets only.

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| BPS6A | 6.5 Amp Booster Power Supply |
| BPS10A | 10 Amp Booster Power Supply |

Carbon Monoxide Detector

Data Sheet 85001-0608



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| 250-CO | End-of-life annunciation to panel, built-in power supervision relay, 12/24VDC, UL 2075 |
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Two-wire Photoelectric Detectors with CleanMe®

Data Sheet FX85001-0613



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|---------|--|
| FX7-2 | Conventional detector, terminal base included |
| FX7-2T | Conventional detector, terminal base included, thermal, remote test input, remote LED output |
| FX7-2R | Conventional detector, Form C aux. relay, terminal base included |
| FX5-2ST | Conventional detector, integral sounder, thermal, direct-wire, trim ring |

Magnetic Door Holders

Data Sheet 85001-0421



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|-----------|--------------------------------|
| 1501-AQN5 | Floor Mount (Single Door) |
| 1502-AQN5 | Floor Mount (Double Door) |
| 1504-AQN5 | Flush Wall Mount (Long Plate) |
| 1505-AQN5 | Flush Wall Mount (Short Plate) |
| 1508-AQN5 | Surface Wall Mount |
| 1509-AQN5 | Completely Flush Wall Mount |

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GE: Building on a rich legacy of innovation. Focused squarely on the future.

GE offers powerful solutions that protect people and property with some of the most innovative fire alarm technology ever developed. From integrated life safety systems to intuitive programming and configuration, all our products undergo rigorous scrutiny throughout their development to make sure they bring long-term value to every application. So it comes as no surprise that our life safety solutions can be found maintaining safe environments in some of the world's most important buildings.

When you invest in GE fire alarm products you invest in a legacy that spans more than a century of innovation, and a corporate culture that focuses squarely on the future. We're already at the forefront of emerging new technologies. And we're investing heavily in fire alarm solutions that will make your world safer.

**See what's possible. Call 888.437.3287
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imagination at work