



PRODUCT CATALOG

Learn more about our fire alarm products, including our control panels, remote annunciators, detectors, notification devices, modules, emergency lighting and more.



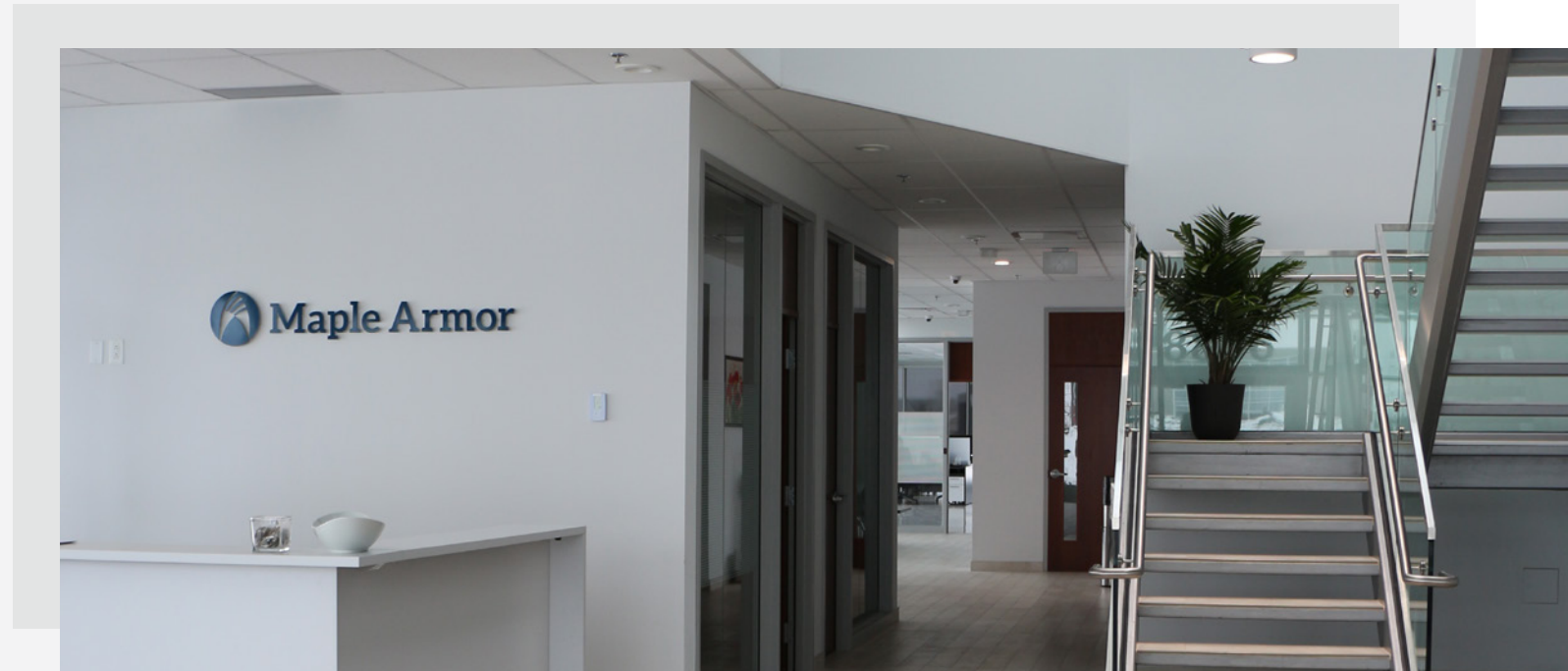


01

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ABOUT MAPLE ARMOR

Founded in Montreal, Quebec in 2011, Maple Armor Fire Alarm Device Co. LTD. designs and manufactures addressable fire alarm systems. We're excited to provide high quality and cost effective options, with the reliability of Canadian engineering.

In 2017, we opened our brand new 80,000 square foot facility in Brossard, Quebec, on Montreal's south shore. It houses our Research & Development team and quality control labs for multiple product lines.

With a warm welcome from Investissement Quebec, the company gravitated towards vibrant and multilingual Montreal for its skilled workforce.

With an expected six production lines coming to our facility in 2021, we'll be able to ensure the highest quality products while remaining competitive in the global marketplace.

We know the importance of building strong relationships with all of our clients, which is why training, customer service, and product knowledge are top priorities for us.

Gelin Zhang, Executive Vice-President



We work closely with our clients to develop our products because we know how important it is to meet their individual needs. Our industry leading Research & Development teams are focused on developing products that are built to innovate and last.

We understand that the benefits of our venture go beyond job creation, capital investment, and new exports. It is an opportunity for commercial clients around the world to benefit from market leading design, performance, and quality, produced in accordance with the latest UL/ULC standards.

We're very proud that the work we do protects lives every day, and that passion for our industry is what drives us to maintain the highest level of quality and reliability. Our products go through rigorous testing and quality checks. This means we can ensure our products are reliable.



OUR PRODUCTS

■ HIGH QUALITY AND INTELLIGENT FIRE ALARM DEVICES

Maple Armor provides you with nothing but reliable, robust and cost-effective fire alarm devices. All our equipment is UL, ULC, FCC approved as well as FM APPROVED and conform to the highest standards of life safety and property loss prevention.

■ 5 YEAR WARRANTY, THE BEST IN THE BUSINESS!

At Maple Armor you will benefit from the most convenient price in the fire alarm industry supported by our 5-year advance replacement warranty because we trust in the performance of our fire alarm systems.

■ 24/7 AVAILABILITY

Our Team is always ready to collaborate and develop a partnership with you.



CONTROL PANELS

Maple Armor supplies you with intelligent and addressable fire alarm control panels that are ideally suited for both new and retrofit commercial, institutional, residential and industrial fire detection and notification applications.

Our fire alarm control panels are designed for small to medium scale facilities to meet your different needs and use whether for your home, shop, commercial buildings, office, apartment or restaurant.

We guarantee that our alarm control panels, that are UL, ULC and FM approved, are the ideal solution for your security, safety and fire alarm system.



FireWatcher 106

FIRE ALARM CONTROL PANEL

PRODUCT DESCRIPTION

The FW106 FireWatcher® panel is an addressable fire alarm control panel designed for small to medium scale facilities. It is ideally suited for both new and retrofit commercial, institutional, and industrial fire detection and notification applications.



The FireWatcher® panel is a state-of-the-art addressable fire control system that meets the requirements of UL864 10th edition and ULC S527. It can support 1 to 4 addressable loops and 252 to 1,008 addressable devices/points, 2 to 10 Notification Appliance Circuits and 5 form C dry relay contacts. The panel has a 7" LCD display with 800 X 480 resolution, 6 function keys, 5 navigation keys and 9 LED indicators making it a highly intuitive fire alarm user interface. It can also be connected to 109 remote annunciators or panels via an external network that forms a fire emergency detection and notification network system.

The LCD screen can display up to 8 events simultaneously. Users can browse more events by pressing the up/down buttons until the first or last event message is reached.

UP TO **109** PANELS / ANNUNCIATORS
 UP TO **1008** ADDRESSABLE DEVICES



FW106(R)



FW106(DG)

AVAILABLE IN GRAY OR RED



WATCH ON

VIEW DATASHEET

KEY FEATURES

- Two-Stage alarm
- Alarm verification
- Display of multiple active events on large LCD screen
- Fully programmable from the front panel or via laptop
- Password protected
- Synchronized notification circuits
- Auto-Addressing feature
- 10000 events historical log
- Display can announce up to 8 zones simultaneously
- Selectable user language

Alarm	Alert	Supervisory	Trouble	OtherSignal	Output
First Basement, 08-26-2021 14:01:48, Total: 8					
1	Zone_Alarm	Basement			08-26-2021 14:01:48
2	Zone_Alarm	Ground Floor			08-26-2021 14:01:58
3	Zone_Alarm	2nd Floor			08-26-2021 14:02:21
4	Zone_Alarm	3rd Floor			08-26-2021 14:02:33
5	Zone_Alarm	4th Floor			08-26-2021 14:02:50
6	Zone_Alarm	5th Floor			08-26-2021 14:03:08
7	Zone_Alarm	6th Floor			08-26-2021 14:03:30
8	Zone_Alarm	7th Floor			08-26-2021 14:03:45
<div style="display: flex; justify-content: space-between;"> Acknowledge Signal Silence Buzzer Silence Reset Manual Alarm Menu </div>					

Sequencial LCD Display

FireWatcher 106S

FIRE ALARM CONTROL PANEL

PRODUCT DESCRIPTION

The FW106S FireWatcher® panel is an addressable fire alarm control panel designed for small to medium scale facilities. It is ideally suited for both new and retrofit commercial, institutional, and industrial fire detection and notification applications.



The FireWatcher® panel is a state-of-the-art addressable fire control system that meets the requirements of UL864 10th edition and ULC S527. It can support 1 addressable loop signaling and 252 addressable devices/points, 2 to 4 Notification Appliance Circuits and 5 form C dry relay contacts. The panel has a 7" LCD display with 800 X 480 resolution, 6 function keys, 5 navigation keys and 9 LED indicators making it a highly intuitive fire alarm user interface. It can also be connected to 109 remote annunciators or panels via an external network that forms a fire emergency detection and notification network system.

The LCD screen can display up to 8 events simultaneously. Users can browse more events by pressing the up/down buttons until the first or last event message is reached.

UP TO **109** UP TO **252**
PANELS / ANNUNCIATORS ADDRESSABLE DEVICES



FW106S(DG)



FW106S(R)

AVAILABLE IN GRAY OR RED



[VIEW DATASHEET](#)

KEY FEATURES

- Two-Stage Alarm
- Alarm Verification
- Display of multiple active events on large LCD screen
- Fully programmable from the front panel or via laptop
- Password protects
- Auto-Addressing feature
- Synchronized notification circuits
- 10000 events historical log
- Display can annunciate up to 8 zones simultaneously
- Selectable user language

Alarm	Alert	Supervisory	Trouble	OtherSignal	Output
First Basement, 08-26-2021 14:01:48, Total: 8					
1	Zone_Alarm	Basement			08-26-2021 14:01:48
2	Zone_Alarm	Ground Floor			08-26-2021 14:01:58
3	Zone_Alarm	2nd Floor			08-26-2021 14:02:21
4	Zone_Alarm	3rd Floor			08-26-2021 14:02:33
5	Zone_Alarm	4th Floor			08-26-2021 14:02:50
6	Zone_Alarm	5th Floor			08-26-2021 14:03:08
7	Zone_Alarm	6th Floor			08-26-2021 14:03:30
8	Zone_Alarm	7th Floor			08-26-2021 14:03:45
<div style="display: flex; justify-content: space-between;"> Acknowledge Signal Silence Buzzer Silence Reset Manual Alarm Menu </div>					

Sequential LCD Display



PANEL COMPONENTS

Maple Armor supplies a great variety of components that enhance the performance of your fire alarm systems.



WATCH ON

FireWatcher 327

ALU - ADDRESSABLE LOOP UNIT

One ALU can support one addressable loop circuit, which supports up to 252 points of addressable devices. It can initialize and operate all devices residing on the loop and it communicates all relevant devices and event information, such as alarms and troubles, to the Central Processing Unit (CPU). No limitation between device types.



FireWatcher 337

NOU - NOTIFICATION OUTPUT UNIT

One NOU can support two independent notification appliance circuits with synchronization. The circuit topology supports Class A or Class B wiring. The maximum current is 2A per NAC. Multiple notification code types available.



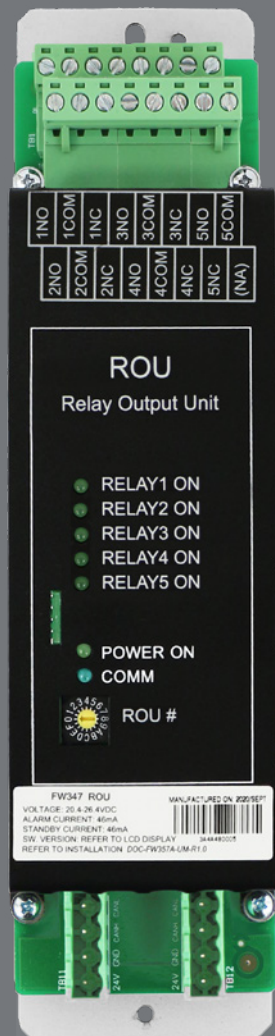
COMPONENTS

ALU NOU

FireWatcher 347

ROU - RELAY OUTPUT UNIT

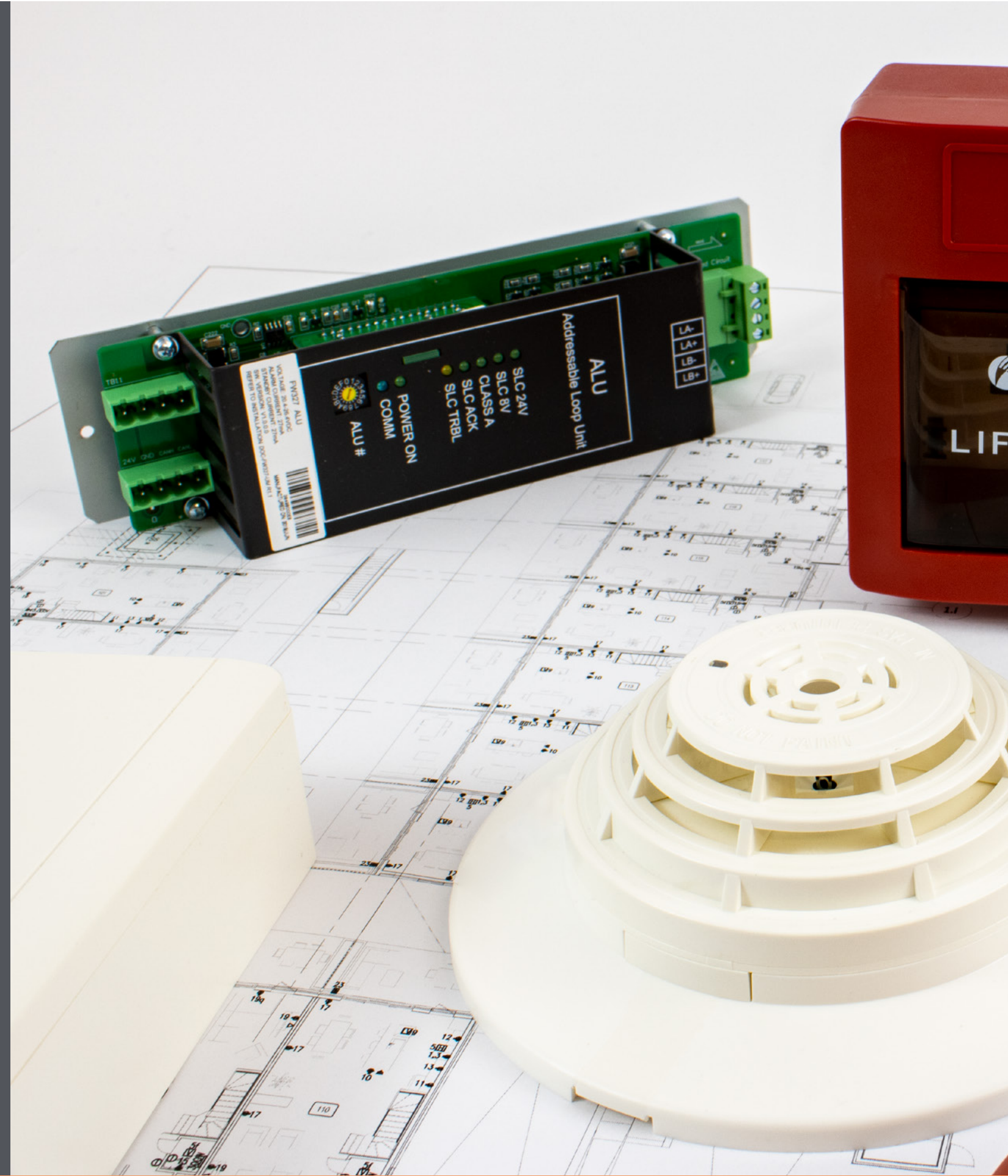
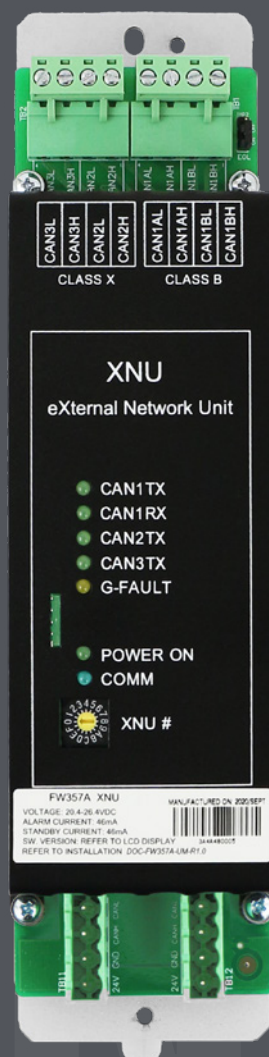
One ROU card can support five dry contact relays: Alarm Relay, Supervisory Relay, Trouble Relay, Other Signal Relay, and Programmable Relay. The Relay contacts are in the C Form Style. The address is set by the rotary switch on the board. Valid address is 1. It meets the UL864 10th Edition Listed standard and the ULC-S527 3rd Edition Listed standard.



FireWatcher 357A

XNU - EXTERNAL NETWORK UNIT

The FW357A provides both Class X and Class B wiring to communicate with panels and annunciators in Network Relay to form a fire network system. It meets the UL864 10th Edition and the ULC-S527 3rd Edition standards. It can support up to 109 panels or remote annunciators.



REMOTE ANNUNCIATORS

Maple Armor supplies reliable, intelligent and addressable remote annunciators.



FW123(R)

AVAILABLE IN GRAY OR RED



[WATCH ON](#)

[VIEW DATASHEET](#)

KEY FEATURES

- 7" color LCD and a resolution of 800 X 480
- Events are displayed in different colors
- 6 function keys and 5 navigation keys
- 109 annunciators supported in the system
- 9 LED indicators and intuitive fire-alarm user interface
- Display announce up to 8 zones simultanously
- Access door with lock
- *For indoor installation only

* For outdoor installations, use the MA-1100 weather proof enclosure

FireWatcher 123

REMOTE LCD ANNUNCIATOR

PRODUCT DESCRIPTION

The FW123 is an intelligent remote LCD annunciator designed to be used with the FireWatcher® series FW106 and FW106S control panels.



The FW123 is connected to the FW106/FW106S series panels via the external CAN network and it is powered by an external 24 VDC power source from the panel. Up to 109 FW123 remote annunciators can be connected.

The LCD can display up to 8 events simultaneously. Users can browse more events by pressing the up/down buttons until the first or last event message is reached. Events are displayed according to the following rules:

1. Events priority: (1) Alarm, (2) Supervisory, (3) Trouble, (4) Other Signal (5) Output.
2. Within events of the same priority, all events are displayed in order of occurrence, the latest being displayed first. However, the sequence of alarm events is configurable.

UP TO
109

REMOTE ANNUNCIATORS

INCLUDES
8

ZONE SEQUENTIAL DISPLAY

FireWatcher 129

REMOTE LED ANNUNCIATOR

PRODUCT DESCRIPTION

The FW129 LED Annunciator is used to display zone events from the fire alarm control panel. The FW129 comes with a lockable glass door. A sliding paper strip is used to show zone messages.



The FW129 can show up to 30 zones (2 LEDs + 1 button / zone) for alarm/trouble events display & control. It also comes with 35 zones (2 LEDs / zone) for alarm/trouble events display.

The LED annunciator includes separate status LEDs for power, general trouble, signal silence status, and ground fault. It also comes with push buttons to operate local buzzer silence, signal silence, events reset, and self-test. The FW129 is connected to the FW106/FW106S series panels via the external CAN network and it is powered by an external 24 VDC power source from the panel. The network can include up to a maximum of 20 remote LED annunciators.

INCLUDES

30

ZONES WITH
BUTTONS

UP TO

20

REMOTE LED
ANNUNCIATORS



FW129(DG)

AVAILABLE IN GRAY OR RED



[VIEW DATASHEET](#)

KEY FEATURES

30 programmable control buttons

65 colored zones

134 LED indicators

4 operation confirmation LEDs

4 system function buttons

Access door with lock

*For indoor installation only

* For outdoor installations, use the MA-1100 weather proof enclosure



MA-1100(DG)

AVAILABLE IN GRAY OR RED



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KEY FEATURES

Lockable cabinet (Key)

Front protective glass

Auto-control heating system

CSA SPE-1000 Approval

CAN/ULC-S527 Approval

MA 1100

WEATHERPROOF ANNUNCIATOR ENCLOSURE

PRODUCT DESCRIPTION

The weatherproof annunciator enclosure MA1100 is supplied with a heating element used for outdoor applications.



The MA-1000 surface wall box is designed to be used with the FW123 and FW129 annunciators. The wall box is resistant to temperatures ranging from -40 to 49 degrees Celsius. It can be used with either of one 20W (24VAC/ VDC) heating options that activate at 1° C and deactivate at 17° C. The enclosure is UL/ULC approved.

DETECTORS

Maple Armor offers Intelligent Heat Detectors and Intelligent Photoelectric Smoke Detectors with competitive prices and a slim design that combines visual appeal with a high standard of reliability.

Our detectors are manufactured with state-of-the-art production technology. Precision, accuracy and rigorous quality control ensure that our devices are reliable and built to last.



WATCH ON



DETECTORS

FireWatcher 511

PHOTO ELECTRIC SMOKE DETECTOR

PRODUCT DESCRIPTION

The FW511 is an intelligent Smoke Detector used with the FW500/FW501 Detector Base, UL/ULS listed, according to UL 268 and ULC-S529, for Fire Protective Signaling Systems and indoor use.



It features a slim design which combines visual appeal with a high standard of reliability. It responds quickly and dependably to a broad range of fires. The detector has a Microcontroller Unit (MCU) performing comprehensive self-diagnostic tests and result analysis. The FW511 is intelligent, addressable, and takes one address on the addressable loop (ALU) of the fire alarm control panel.

The FW511 addressable detector is designed by the industry's top engineers to be one of the most reliable detectors on the market. Although effectiveness is our top priority, the FW511 has also been designed with style in mind.

Intelligent smoke detectors are the front line of detection in your building or facility. It is vital that they perform accurately and reliably. Mountable on walls or ceilings, our smoke detector's thin design allows it to blend into its surroundings.

COVERAGE
900
SQUARE FEET

SENSITIVITY
2.3
PERCENT



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KEY FEATURES

- Photo Electric smoke detection
- Drift Compensation - Automatic sensitivity adjustment
- Dust accumulation alert
- Internal Electronic Address
- Status LED indicator



[VIEW DATASHEET](#)

KEY FEATURES

- Combined heat detection
- Fixed / Rate-of-Rise (ROR)
- 57.5C° (135F°) / 8.3C°/Min (15F°/min)
- Internal Electronic Address
- Status LED indicator

FireWatcher 521

HEAT DETECTOR

PRODUCT DESCRIPTION

The FW521 is an intelligent Heat Detector UL/ULC listed device according to UL 521 and ULC-S530 for Fire Protective Signaling Systems for indoor use with both fixed-temperature alarm and rate-of-rise alarm characteristics.



It features a slim design which combines visual appeal with a high standard of reliability. The detector has a Microcontroller Unit (MCU) performing comprehensive self-diagnostic tests, and result analysis. The FW521 is intelligent, addressable, and takes one address on the addressable loop (ALU) of the fire alarm control panel.

The FW521 heat detector designed by the industry's top engineers to be one of the most reliable detectors on the market. Although effectiveness is our top priority, the FW521 has also been designed with style in mind. Its slim and pleasing design easily blends into any interior setting.

Mountable on ceilings, the FW521 has a rate-of-rise feature to quickly detect fast flaming fires, along with a fixed-temperature function that detects fire when the temperature reaches 135°F.

COVERAGE
2500
SQUARE FEET

HEAT DETECTION
135°F
15F° ROR

FireWatcher 562

TWO-WIRE ADDRESSABLE DUCT SMOKE DETECTOR

PRODUCT DESCRIPTION

The FW562 is a photoelectric duct smoke detector without a relay designed to provide early detection of smoke and / or the presence of combustion products in the ventilation system.



The FW562 is a UL/ULC listed device according to UL 268 and the FW562C is a ULC-S529 for Fire Protective Signaling Systems for indoor use. The detector has a Microcontroller Unit (MCU), performing comprehensive self-diagnostic tests and result analysis. The FW562 is intelligent, addressable, and takes one address on the addressable (ALU) loop of the fire alarm control panel.

The FW562 can provide detection at airspeed velocities ranging from 300-4000 feet per minute and operate at temperatures from 0°C to 49°C (32°F to 120°F) with relative humidity levels of 0 to 93%. Five sampling tubes are available in various lengths from 12 to 42 inches. To suit wider ventilation ducts, you can combine multiple tubes.

MOUNTING

2

METHODS

AIR VELOCITY

300-4K

FEET/MIN



WATCH ON

VIEW DATASHEET

KEY FEATURES

- Photo Electric smoke detection
- Drift Compensation, automatic sensitivity adjustment
- Dust accumulation alert
- Internal Electronic Address
- Air velocity range of 300-4000 ft/min
- Two mounting methods: Side or Top
- Status LED indicator



FW561-RI



FW561-RI-L

VIEW DATASHEET

FireWatcher 561-RI

REMOTE LED INDICATOR

PRODUCT DESCRIPTION

The FW561-RI (without test switch) and FW561-RI-L (with test switch) Remote LED indicators are components that provide visual indication of the device status connected with it.



MANUAL STATIONS

Maple Armor's Fire Alarm Manual Pull Stations are made of durable materials for long-lasting performance. We designed the pull stations to not only function well under pressure, but their sleek and minimalist design will give a more modern look inside your building.



WATCH ON

VIEW DATASHEET

KEY FEATURES

- Addresable
- Internal Electronic Address
- American Disabilities Act Compliant (ADA)
- Dual action
- Simple push plate activation
- Easy-to-Use reset key
- Included dry contact (30VDC, 2A)
- Two Dry contact options (N/O or N/C)
- Status LED Indicator
- Red surface box available as an option (FW700)



RESET KEY

FireWatcher 722

ADDRESSABLE MANUAL STATION

PRODUCT DESCRIPTION

The FW722 (English) and FW722C (English/French) addressable manual stations are UL/ULC listed devices, according to UL 38 and ULC-S528 for Fire Protective Signaling Systems, for indoor use.



The FW722 and FW722C occupy a single address on the ALU and transmit alarm event status to the panel when activated.

The FW722 has a dual-action operation that prevents accidental alarm activation while providing a simple operation during emergencies. Instead of a pull handle, the FW722 is activated with a very easy-to-press push plate. We designed the FW722 to not only function well under pressure, but its sleek and minimalist appearance will give a more modern look to your building.

In case of fire, an alarm signal is generated by lifting the cover and pushing the plate. A red LED is visible on the station when the fire alarm signal is activated. A very simple-to-use reset key is included to reset the station.

WIDTH / HEIGHT

4.7 IN
120 MM

DEPTH

0.9 IN
22 MM

FireWatcher 752

CONVENTIONAL MANUAL STATION

PRODUCT DESCRIPTION

The FW752 (English) and FW752C (English/French) conventional Manual Stations are UL/ULC listed devices according to UL 38 and ULC-S528 for Fire Protective Signaling Systems for indoor use, and also meet ADA 5 lb. maximum manual force.



It is a normally open initiating device made from durable materials for long-lasting performance. In case of a fire, an alarm signal is generated by lifting the cover and pushing the plate. A very simple-to-use reset key is included to reset the station.



[VIEW DATASHEET](#)

KEY FEATURES

- Conventional
- American Disabilities Act Compliant (ADA)
- Dual action
- Simple push plate activation
- Easy to use reset key
- Included dry contact (30VDC, 2A)
- Auxiliary Dry contact (N/O)
- Red surface box available as an option (FW700)



RESET KEY

WIDTH / HEIGHT

4.7 IN

120 MM

DEPTH

0.9 IN

22 MM





MODULES

Maple Armor designs, manufactures and supplies you with a wide selection of intelligent fire modules.



MODULES



[VIEW DATASHEET](#)

KEY FEATURES

- 4 Types of input contact
- Internal electronic address
- Compatible with EOLR 10K Ohms (FW421)
- White Surface box available as an option (FW800/801)
- Status LED indicator

FireWatcher 811

MONITORING INPUT MODULE

PRODUCT DESCRIPTION

The FW811 is an intelligent input module and monitors a single contact. It is an addressable module that takes one address on the addressable loop (ALU) of the fire alarm control panel.



The FW811 is a UL/ULC listed device according to UL864 and ULC-S527 for Fire Protective Signaling Systems, for indoor use. The type of input contact is configurable:

- Alarm
- Supervisory
- Trouble
- Monitor

WIDTH / HEIGHT

4.7 IN
120 MM

DEPTH

1.2 IN
30 MM

FireWatcher 811M

MINI INPUT MONITOR MODULE

PRODUCT DESCRIPTION

The FW811M is an intelligent input module and monitors a single contact. Its compact size allows the FW811M to be installed in a single gang electrical box behind the monitored device.



It is an addressable module and takes one address on the Signaling Line Circuit (SLC) or Data Communication Link (DCL) of the fire alarm control panel. The FW811M is a UL listed device according to UL864 and ULC-S527 for Fire Protective Signaling Systems for indoor use only. A remote LED indicator (optional) is used to show the module's status and mounts on a single gang electrical box. The type of the input contact is configurable:

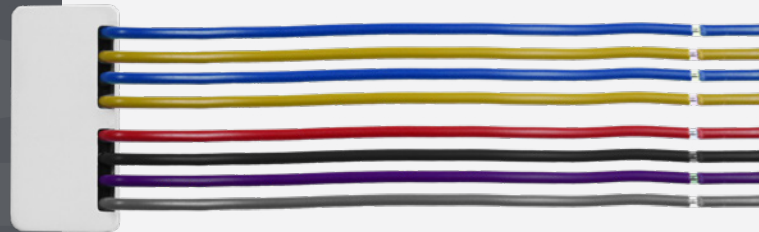
- Alarm
- Supervisory
- Trouble
- Monitor

WIDTH

2 IN
50 MM

DEPTH

0.5 IN
13 MM



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KEY FEATURES

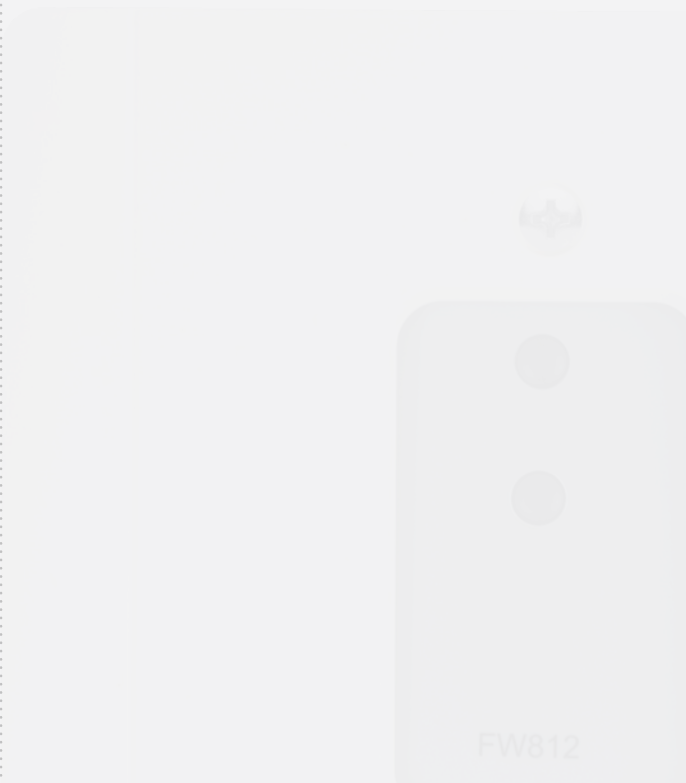
- Compact sized module
- 4 types of input contact
- Internal electronic address
- Compatible with EOLR 10K Ohms (FW421)
- Compatible with remote LED indicator (FW561-RI)



[VIEW DATASHEET](#)

KEY FEATURES

- 4 types of input contact
- Internal electronic address
- Compatible with EOLR 10K Ohms (FW421)
- White Surface box available as an option (FW800/801)
- 2 Status LED indicators



FireWatcher 812

DUAL INPUT MODULE

PRODUCT DESCRIPTION

The FW812 is an intelligent dual input module that supports two Class B input circuits, each of which can monitor a dry contact device.



It is an intelligent addressable module and takes two addresses on the Signaling Line Circuit (SLC) or Data Communication Link (DCL) of the fire alarm control panel. Two LED indicators are used to indicate each input circuit's condition.

The FW812 is a UL listed device according to UL864 and ULC-S527 for Fire Alarm Systems for indoor use. The type of the input contact are configurable:

- Alarm
- Supervisory
- Trouble
- Monitor

WIDTH / HEIGHT

4.7 IN
120 MM

DEPTH

1.2 IN
30 MM

FireWatcher 821

INPUT/OUTPUT MODULE

PRODUCT DESCRIPTION

The FW821 is an intelligent input-output module listed device according to UL-864 and ULC-S527 for Fire Protective Signaling Systems for indoor use. The FW821 provides one 24 VDC output and one feedback input. Both input and output lines are monitored for open line and ground faults.



When the output is activated or the feedback is switched, the device LED will indicate the event condition by fast blinking. A return to normal condition will cause the event to disappear and the device LED indicator will return to the red idle condition.

The FW821 is an addressable module that takes one address on the addressable loop (ALU) of the fire alarm control panel.

WIDTH / HEIGHT

4.7 IN
120 MM

DEPTH

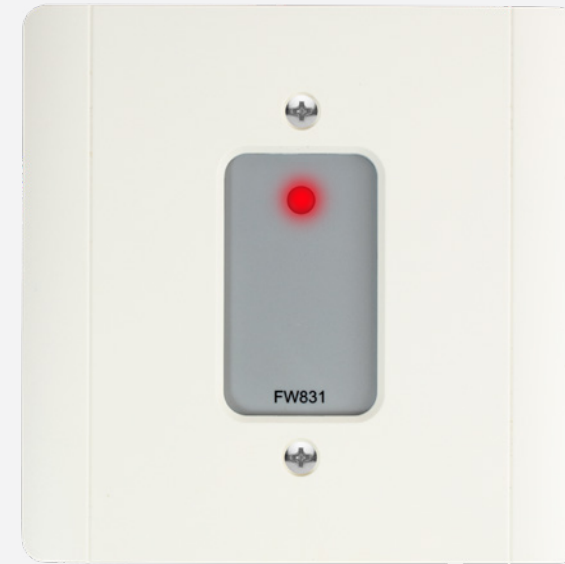
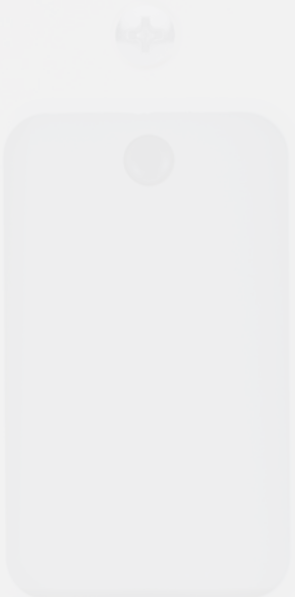
1.2 IN
30 MM



[VIEW DATASHEET](#)

KEY FEATURES

- Useful to confirm a retroactive action
- Internal electronic address
- Compatible with EOLR 10K Ohms (FW421)
- White surface box available as an option (FW800/801)
- Status LED indicator



[VIEW DATASHEET](#)

KEY FEATURES

- 2 Form C Dry Contact (30VDC, 2A)
- Internal electronic address
- White surface box available as an option (FW800/801)
- Status LED indicator



FireWatcher 831

RELAY CONTROL MODULE

PRODUCT DESCRIPTION

The FW831 is an intelligent relay module that provides two control relay outputs which will be activated simultaneously. The active status of the relay output is indicated by flashing red LED.



The FW831 is an addressable module and takes one address on the addressable loop (ALU) of the fire alarm control panel. It is a UL listed product according to UL864 and ULC-S527 for Fire Protective Signaling Systems for indoor use. Relays are form-C with all contacts accessible.

WIDTH / HEIGHT

4.7 IN
120 MM

DEPTH

1.2 IN
30 MM

FireWatcher 841

CONVENTIONAL ZONE MODULE

PRODUCT DESCRIPTION

The FW841 is an intelligent conventional zone module that is intended to interface and monitor 2-wire Class A/B conventional detectors in retrofit or other applications.



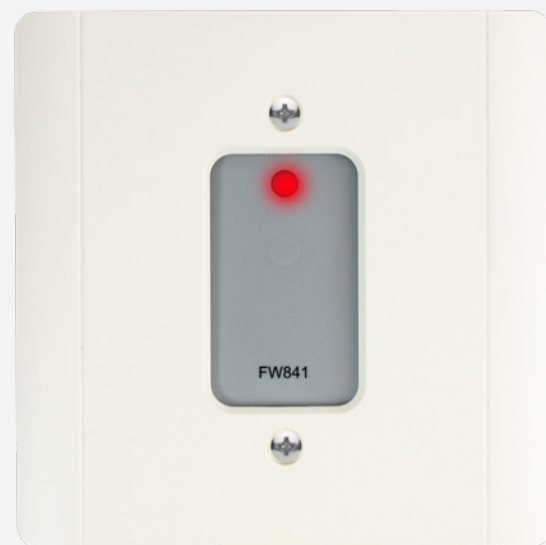
The initiating zone can support a mix of two-wire conventional automatic detectors as well as normally open dry contact alarm initiating devices such as conventional heat detectors and manual stations.

WIDTH / HEIGHT

4.7 IN
120 MM

DEPTH

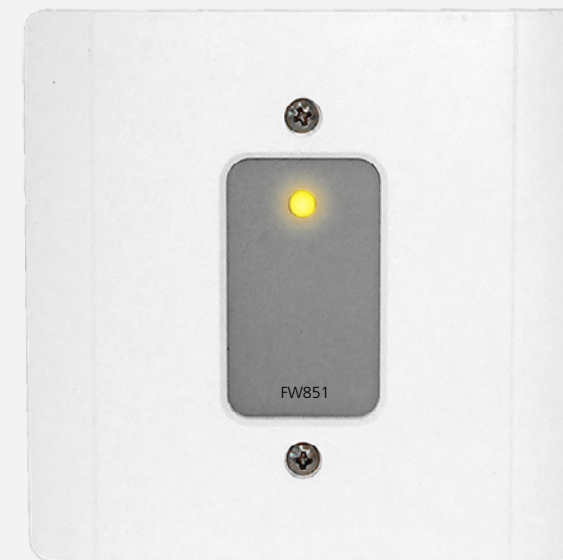
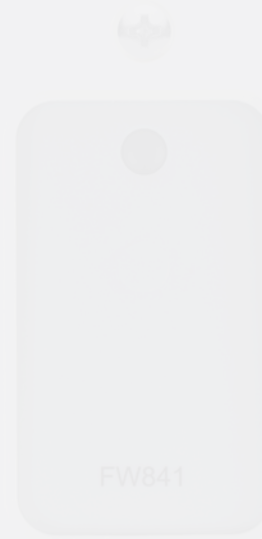
1.2 IN
30 MM



[VIEW DATASHEET](#)

KEY FEATURES

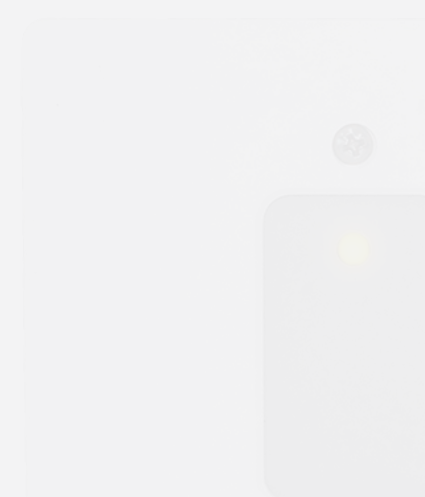
- Useful for retrofit applications
- Alarm verification available
- Internal electronic address
- Compatible with EOLR 10K Ohms (FW421)
- White surface box available as an option (FW800/801)
- Status LED indicator



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KEY FEATURES

- Up to 50 modules per ALU loop
- Does not occupy an address on the ALU loop
- White surface box available as an option (FW800/801)
- Status LED indicator



FireWatcher 851

ISOLATOR MODULE

PRODUCT DESCRIPTION

The FW851 isolator module isolates the short circuit point on the addressable loop (ALU). The internal relay will be triggered to cut down the line power where the short trouble is detected. The device LED will indicate the trouble condition by yellow steady on.



When the trouble is cleared, the internal relay will restore the power line and the device's LED will indicate normal operation. The FW851 does not occupy an address on the Fire Alarm Control Panel's ALU. The FW851 is a UL listed product according to UL864 and ULC-S527 for Fire Protective Signaling Systems for indoor use.

WIDTH / HEIGHT

4.7 IN
120 MM

UP TO

50
PER ALU LOOP

FireWatcher 859

IN-SUITE ISOLATOR MODULE

PRODUCT DESCRIPTION

The FW859 In-Suite Isolator module is designed for residential and hospitality-based applications. The In-Suite Isolator can detect a short circuit condition on a Class A circuit that covers a suite by electrically isolating the wiring.



This operation provides complete protection to all other suites or corridors located on the same floor. The FW859 provides two supervised Class A/B isolator outputs. Under this configuration, if the in-suite audible device has an open circuit, the fire control panel will indicate a zone trouble.



[VIEW DATASHEET](#)

KEY FEATURES

- Up to two Class A/B outputs
- Supervised and isolated outputs
- 200ma per output
- White surface box available as an option (FW800/801)
- No LED indicator

WIDTH / HEIGHT

4.7
INCHES

UP TO

200MA
PER OUTPUT



[VIEW DATASHEET](#)

KEY FEATURES

- Does not occupy an address on the ALU loop
- White surface box available as an option (FW800/801)
- Status LED indicator
- Support 2 Class B or 1 Class A circuits outputs



PRODUCT DESCRIPTION

The FW951 Sync Module is a device designed to provide synchronization for FW962/FW971/FW982/FW972M Horn and/or Strobe devices when these devices are used with a conventional non-synchronized 24 VDC NAC circuit. It supports up to 2 notification circuits.

The FW951 supports one notification circuit and allows Maple Armor devices to be easily used in retrofit applications. Allows FW962/971/972M/982 to be synchronized when connected to OEM notification circuit.

WIDTH / HEIGHT

4.7
INCHES

MAX. LOAD

3A
PER CIRCUIT

FireWatcher 434/435

FIRE ALARM MODULE BOX

PRODUCT DESCRIPTION

The FW434 and FW435 are module boxes allowing the installation of multiple Maple Armor modules into one cabinet. FW434 can fit up to 16 modules and FW435 can fit up to 8 modules. They integrate an external door, two mounting plates, and a backbox.



The FW434 and FW435 meet the UL864 10th Edition Listed standard and the ULC-S527 4th Edition Listed standard and the ULC-S527 4th Edition Listed standard.

FIT UP TO

16

REGULAR MODULES

INCLUDES

2

MOUNTING PLATES



FW434(DG)

AVAILABLE IN GRAY OR RED



[VIEW DATASHEET](#)

KEY FEATURES

- 2 cabinet sizes
- 2 mounting plates on hinges
- Accommodates up to 8/16 regular modules per box
- Accommodates up to 32/64 mini modules per box
- Integrated flange for semi-flush installation





NOTIFICATION DEVICES

Maple Armor's fire alarm notification devices are easy to install and configure. The LED light source offers superior performance, including low power consumption and long operating life. Our horns and strobes offer visual and/or audible signals for indoor use.



WATCH ON



NOTIFICATION DEVICES

FireWatcher 963/973/983

ADDRESSABLE NOTIFICATION DEVICES

PRODUCT DESCRIPTION

The FW963AG Horn/Strobes, FW973AG and FW983AG Strobes are a family of addressable multi-candela visual and audible signal appliances with light sources generated from a white LED, listed according to UL 1971, UL 1638, UL 464, ULC-S525 and ULC-S526.



Each appliance has the intelligence to report its location (the device address) and status to the FireWatcher® fire alarm control panels. Six levels of light output are selectable. The strobe appliances produce a flash rate of one flash per second over the Regulated Voltage Range. The temporal tone generated by the horn portion is designed as per ANSI and NFPA72 for standard emergency evacuation signaling requirements. The appliance has the feature that can synchronize multiple horns and/or strobes in a complete fire alarm system.

High-end LED technology means our devices not only last longer but function at lower power consumption.

The FW973AG Horns are addressable audible signal appliances listed according to UL 464 and ULC-S525 for indoor use.

UP TO **177** CANDELAS
AUDIBILITY **92** DBA
ULC ANECHOIC



FW963AG(R)

AVAILABLE IN WHITE OR RED



[VIEW DATASHEET](#)

HORN FEATURES

- Built-In synchronization
- Sound performance 92dba, 24 V DC, ULC anechoic
- Same unit for wall or ceiling mounting
- Universal pictogram

STROBE FEATURES

- Multi-Candela LED Strobe: 15, 45, 75, 100, 130, 177 cd
- One flash per second
- Built-in synchronization
- LED light source for low power consumption
- Same device for wall or ceiling mounting
- Universal pictogram



FW973AG(R)



FW983AG(W)



FW962G(W)

AVAILABLE IN WHITE OR RED



[VIEW DATASHEET](#)

HORN FEATURES

- Built-In synchronization
- Sound performance 88dba, 24V DC, anechoic ULC
- Same device for wall or ceiling mounting
- Universal pictogram

STROBE FEATURES

- Multi-Candela LED Strobe: 20, 35, 50, 85, 105, 130 CD
- Built-in synchronization
- LED light source for low power consumption
- Same device for wall or ceiling mounting
- Universal pictogram



FW971G(W)



FW982G(R)

FireWatcher 962/971/982

CONVENTIONAL NOTIFICATION DEVICES

PRODUCT DESCRIPTION

The FW962G Horn Strobe, FW971G Horn and FW982G Strobes are a family of multi-candela visual and/or audible signal appliances with light sources generated from white LEDs. All listed according to UL 1971, UL 1638, UL 464, ULC-S525, and ULC-S526 for Fire Protective Signaling Systems for indoor use.



Six levels of light output are selectable and include a 360° light output dispersion from strobes mounted on walls and ceilings.

The strobe appliances produce a flash rate of one flash per second over the Regulated Voltage Range. The temporal tone generated by the horn portion is designed as per ANSI and NFPA72 for standard emergency evacuation signaling requirements.

High-end LED technology means our devices not only last longer, but function at lower power consumption.

UP TO **130** CANDELAS
SELECTABLE **6** CD LEVELS

FireWatcher 972M

IN-SUITE MINI HORN

PRODUCT DESCRIPTION

The FW972M Mini Horns are conventional audible signal appliances that operate on Maple Armor's NAC, listed according to UL 464 and ULC-S525 for indoor use. When the polarity of the NAC circuit is switched from supervision to alarm activation, the device sounds with Temporal 3 code.



The horns offer three sound level settings. A button is contained that when pressed will allow the device to be silenced for 10 minutes before resound.

UP TO
91
DBA

AS LOW AS
8 MA
PER DEVICE



FW972M(R)

AVAILABLE IN WHITE OR RED



[VIEW DATASHEET](#)

[WATCH ON](#)

KEY FEATURES

- Built-In synchronization
- Audible performance 91dba (high), 24VDC, anechoic ULC
- Three levels of sound selections (high-medium-low)
- Silence button with reactivation after 10 minutes
- Status LED indicator
- Universal pictogram



PRODUCT ACCESSORIES

Maple Armor's fire alarm accessories offer you a variety of solutions.

FireWatcher 412

HANDHELD PROGRAMMER

The FW412 Handheld Programmer is used to set address numbers on detectors and other field devices from Maple Armor. The primary function of the programmer is to allow the system installers to program devices address and read the unique address (ID) plus the Production Serial Number (PSN). The device is powered by four batteries (size AA, alkaline, 1.5VDC) or by an external power source. The keypad consists of 15 keys.

◆ KEY FEATURES

Batteries or 120V operated

15 button keypad

Easy to carry

Multiple function device

Backlight display

[VIEW DATASHEET](#)



FireWatcher 422

END OF LINE RESISTOR PLATE

The FW422, EOL Resistor Plate effortlessly supports the Class B supervision to its connected devices. With an elegant finish, it features clearly displayed identification pictograms. The RFL has a 10K Ohm resistor, which is compatible with all Maple Armor monitoring and notification circuits.

◆ KEY FEATURES

Universal pictogram

Easy to install

Slim and elegant design



FireWatcher 6306D

WIRELESS PHONE ENTRY SYSTEM

The new wireless card access integrated system delivers performance and value in all configurations. From small apartment/condo to large commercial applications.

KEY FEATURES

- Up to 512 suites
- Multiple phone numbers per suite
- 4G operating mode
- Data modification by SMS
- Entry by password or access card
- Interior or exterior installation
- Communication through cellular network
- Brushed aluminum fascia
- Blacklighted LCD display

FireWatcher CS

CONFIGURATOR SOFTWARE

The PC-based configuration software is used to configure the FireWatcher® series Fire Alarm Control Panels.

KEY FEATURES

- Easy to master
- Easy to install
- Selectable language
- Flexible programming platform



OPTIONAL ANTENNA

