



FX-351-LDW with optional RAX-332 Programmable LED Annunciator

## Description

The FX-351-LW and FX-351-LDW Fire Alarm Control Panels are single loop addressable panels that support up to 126 addressable points. Both panels are equipped with a two line by 20 character backlit LCD display, numerical keypad and 32 zones of LED annunciation. Both can be expanded with the optional RAX-332 to support 64 zones of LED annunciation. The FX-351-LDW is equipped with an integrated UDACT/Digital Communicator. In addition both models can be expanded to a three loop 378 point system with the addition of an ALC-252 Dual Loop Controller Module.

The FX-351 panels are ideal for both new and retrofit applications. Designed for small to medium commercial, institutional and industrial occupancies, these panels are powerful enough to meet today's installation demands. The FX-351 panels are 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 panels enable the installer to configure the system to meet their specific requirements.

The FX-351 panels are equipped with a 5.5 Amp power supply, auxiliary resettable smoke power supply (300mA max.), an interface for a Remote Trouble Indicator (RTI-1) and an RS-485 interface for remote LCD and LED annunciators.

In addition the panels come complete with a white door, black enclosure, durable CAT-30 lock and key and space to mount up to 18 AH batteries. An optional trim ring is available for semi-flush mounting.

## Features

- Single Addressable SLC Loop that supports 126 addressable points. Expandable to 378 points with ALC-252 Dual Loop Controller Module.
- Points can be any combination of Addressable Sensors or Modules
- Supports Ionization Sensors, Photoelectric Sensors, Variable Heat Sensors and Multi-Sensor (Heat/Photo)
- Equipped with 2 line by 20 character backlit LCD display and numerical keypad
- LCD display allows for 32 characters to be configured for user defined messages
- Includes 32 zone Alarm & Trouble LED configurable annunciator that can be expanded to 64 zones
- Available with or without an integrated UDACT/Digital Communicator
- 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 panel 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, Two Stage Operation and One-Man Walk Test
- Subsequent Alarm, Supervisory, and Trouble operation
- RS-485 Interface for Remote LED and LCD Annunciators
- Interface for a Remote Trouble Indicator (RTI-1)
- 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 modules for additional internal relay circuits and City Tie/Polarity Reversal
- Optional trim ring for semi-flush mounting



S7010

**CATALOG NUMBER 5671**

NOT TO BE USED FOR INSTALLATION PURPOSES.

## Optional Adder Modules



### RAX-332 Programmable LED Annunciator

The RAX-332 Programmable LED Annunciator provides the FX-350 with an additional 32 Programmable Alarm/Supervisory Bi-Coloured LEDs & 32 Trouble LEDs which can be configured as: Alarm (Red), Supervisory (Amber), Trouble (Amber) or Monitor (Amber). The RAX-332 mounts in the FX-351 enclosure.

### ALC-252 Dual Loop Controller Module

The ALC-252 Dual Analog Loop Controller Module provides two additional Signaling Line Circuits (SLC) to the FX-351-LDR consisting of 126 intelligent devices per loop. The ALC-252 mounts in the FX-351 enclosure.

### OCAC-304 Four Indicating Circuit Class "A" Converter Module

The OCAC-304 converts four Class "B" (Style "Y") output circuits on the FX-350 to Class "A" (Style "Z") circuits. The OCAC-304 is equipped with wire leads to connect to the FX-351 main board.

### PR-300 Polarity Reversal/City Tie Module

The PR-300 provides outputs for city box and polarity reversal applications. As a city tie module the PR-300 provides an interface between the control panel indicating circuits and a master box. As a polarity reversal module the PR-300 provides an interface between the control panel and a reverse polarity receiver.

## Remote Annunciators



### RAM-1000 Series Remote LED Annunciators

The RAM-1016TZ and RAM-1032TZ Remote LED Annunciators provide 16 or 32 points respectively of LED annunciation. Both models come standard with bi-coloured 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. The RAX-1048TZ connects to the RAM-1032TZ to provide an additional 48 points of LED annunciation. All models mount in a BB-1000 Series enclosure.

### RAM-300LCDW Remote LCD Annunciator

The RAM-300LCDW provides LCD remote annunciation through a 2 line by 20 character LCD display. The RAM-300LCDW 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 RAM-300LCDW has LED indicators for A.C. On, Alarm, Supervisory, Trouble and CPU Fail. The RAM-300LCDW comes complete with a white enclosure and a CAT-30 Lock and key.

### Dimensions

FX-351-LW/LDW 26"H x 14½"W x 4½"D

## Ordering Information

Model	Description
FX-351-LW	Single Loop, 126 Point Intelligent Fire Alarm Control Panel with 32 programmable LEDs
FX-351-LDW	Three Loop, 378 Point Intelligent Fire Alarm Control Panel with built-in UDACT/Digital Communicator
FA-UNIV-TRB	Black semi-flush trim ring for FX-351 enclosure
Optional Adder Modules	
RAX-332	Programmable Remote LED Annunciator with 32 programmable LEDs. Mounts in FX-351-LDR.
ALC-252	Dual Loop Controller Module
OCAC-304	Four Indicating Circuit Class "A" Converter Module
PR-300	Polarity Reversal/City Tie Module
Remote Annunciators	
RAM-300LCDW	Remote LCD Annunciator c/w enclosure.
RAM-1016TZ	16 Zone Remote LED Annunciator with trouble LEDs. Mounts in an BB-1000 Series enclosure.
RAM-1032TZ	32 Zone Remote LED Annunciator with trouble LEDs. Mounts in an BB-1000 Series enclosure.
RAX-1048TZ	48 Zone Adder LED Annunciator with trouble LEDs. Connects to RAM-1032TZ and mounts in an BB-1000 enclosure.
BB-1001	White enclosure for RAM-1016TZ or RAM-1032TZ Annunciators. Houses 1 module.
BB-1002	White enclosure for RAM-1016TZ or RAM-1032TZ Annunciators. Houses 2 modules.
BB-1003	White enclosure for RAM-1016TZ or RAM-1032TZ Annunciators. Houses 3 modules

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