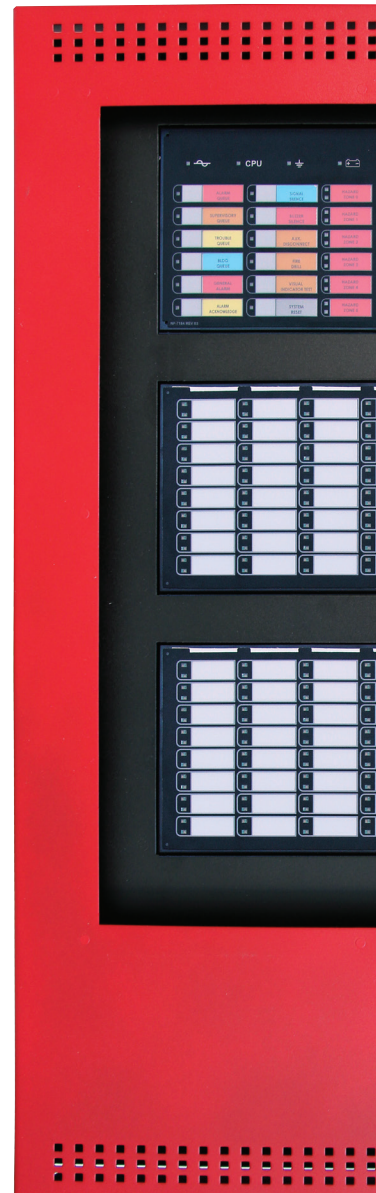# FX-3500 SERIES
## Intelligent Fire/Agent Release Control Units

### Intelligent Addressable Fire Alarm with Releasing Control

Mircom's FX-3500 Series systems are powerful Intelligent Fire/Agent Release Control Units that are UL/ULC listed for fire alarm services, including releasing service. The FX-3500 Series provides up to three intelligent Data Communication Links (DCLs) / Signaling Line Circuits (SLCs) that support a new AP protocol, which is faster and has capacity for up to 954 intelligent devices. In addition, the FX-3500 Series has backward compatibility support for CLIP devices. The FX-3500 Series systems are recommended for both new and retrofit fire detection and/or special-hazard/critical-infrastructure suppression/special agent applications. Capable of releasing up to six discrete physical hazard zones, the FX-3500 offers exceptional value for complex installations. Programming versatility makes the FX-3500 Series the ideal choice for dependable fire detection, signaling and protection in industrial, commercial and institutional buildings.
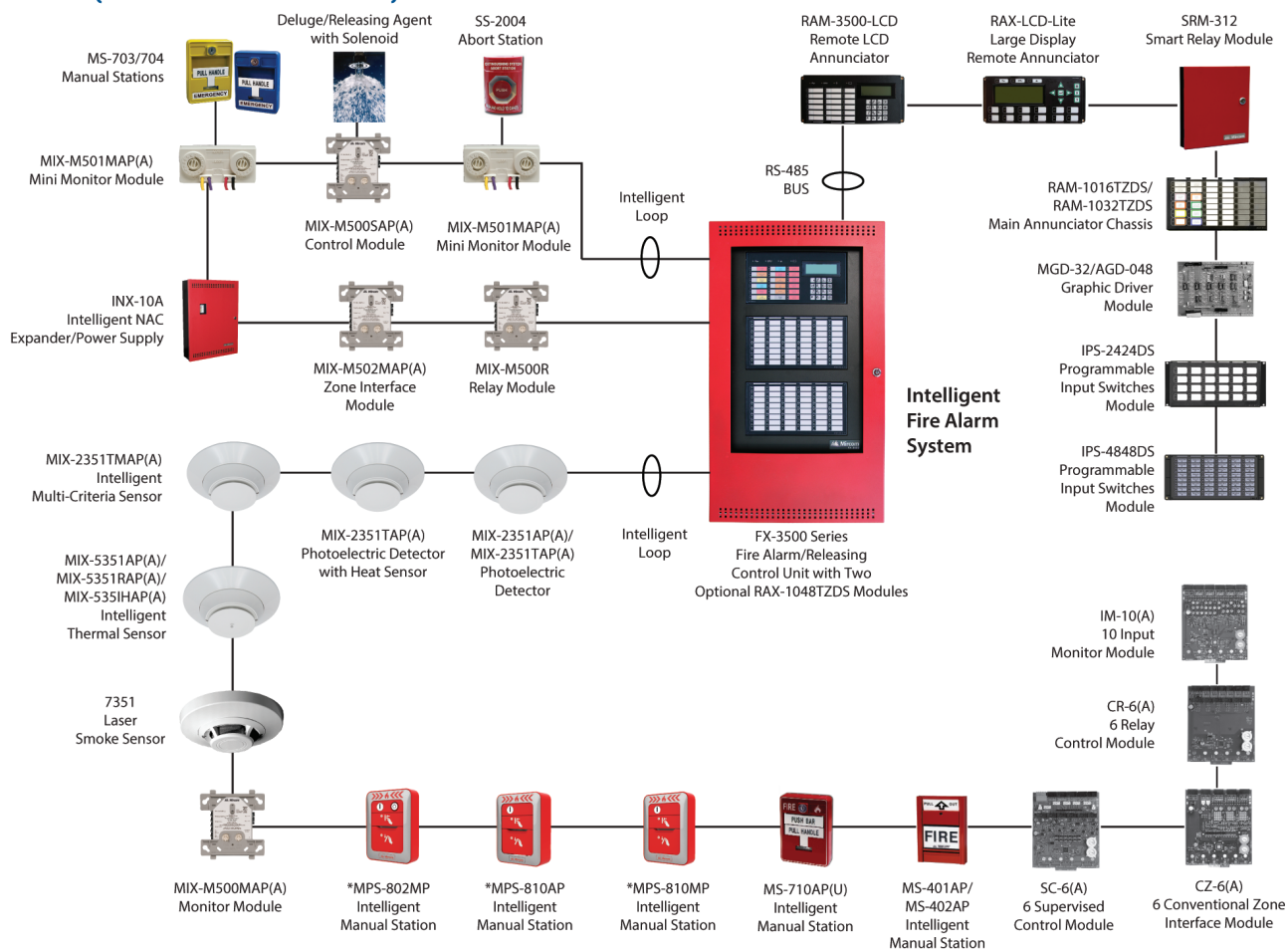
- New fast AP protocol, extending number of devices on the loops, up to 954 (318 x3)
- Panel supports both AP and CLIP protocol
- Uses USB security key
- Utilizes the universal box
- Six dedicated hazard zones
- Utilizing cross-zoning or counting detection
- Has a 4x20 line display
- Flush or Surface mountable with no additional hardware required

## NETWORK (WIRED COMMUNICATION) DIAGRAM

MS-703/704
Manual Stations

Deluge/Releasing Agent
with Solenoid

SS-2004
Abort Station

RAM-3500-LCD
Remote LCD
Annunciator

RAX-LCD-Lite
Large Display
Remote Annunciator

SRM-312
Smart Relay Module

MIX-M501MAP(A)
Mini Monitor Module

MIX-M500SAP(A)
Control Module

MIX-M501MAP(A)
Mini Monitor Module

Intelligent
Loop

RS-485
BUS

RAM-1016TZDS/
RAM-1032TZDS
Main Annunciator Chassis

INX-10A
Intelligent NAC
Expander/Power Supply

MIX-M502MAP(A)
Zone Interface
Module

MIX-M500R
Relay Module

MGD-32/AGD-048
Graphic Driver
Module

IPS-2424DS
Programmable
Input Switches
Module

MIX-2351TMAP(A)
Intelligent
Multi-Criteria Sensor

IPS-4848DS
Programmable
Input Switches
Module

MIX-5351AP(A)/
MIX-5351RAP(A)/
MIX-535IHAP(A)
Intelligent
Thermal Sensor

MIX-2351TAP(A)
Photoelectric Detector
with Heat Sensor

MIX-2351AP(A)/
MIX-2351TAP(A)
Photoelectric
Detector

Intelligent
Loop

FX-3500 Series
Fire Alarm/Releasing
Control Unit with Two
Optional RAX-1048TZDS Modules

**Intelligent Fire Alarm System**

IM-10(A)
10 Input
Monitor Module

7351
Laser
Smoke Sensor

CR-6(A)
6 Relay
Control Module

MIX-M500MAP(A)
Monitor Module

*MPS-802MP
Intelligent
Manual Station

*MPS-810AP
Intelligent
Manual Station

*MPS-810MP
Intelligent
Manual Station

MS-710AP(U)
Intelligent
Manual Station

MS-401AP/
MS-402AP
Intelligent
Manual Station

SC-6(A)
6 Supervised
Control Module

CZ-6(A)
6 Conventional Zone
Interface Module

\* Coming Soon

## Advanced Protocol (AP) Intelligent Devices

Mircom's Advanced Protocol (AP) devices use a high speed communication protocol that greatly increases the speed of communication between the intelligent devices. Mircom's Advanced Protocol uses a superior group polling method as well as an interrupt feature that provide for a faster response to an alarm condition. In addition, Advanced Protocol allows for greater system capacity with support for up to 318 devices per SLC circuit. The AP devices are backwards compatible to operate in CLIP mode for legacy system applications.

**Mircom**®

For more information call
**1.888.660.4655**
or visit **Mircom.com**

Intertek