

FIRE LINK-3

WIRELESS EXTENSION FOR EMERGENCY AND FIRE ALARM SYSTEMS

Mircom's Fire-Link3 offers a fast, clean and cost effective wireless fire alarm audible signaling solution for multi-residential buildings that are in need of a fire alarm audibility upgrade. In addition, Fire-Link3 is a wireless upgrade solution that installs new fire alarm output devices (strobes, horns, etc.) without the need to add wiring to the building. Fire-Link3 is the perfect retrofit solution.

Inter-device communications is accomplished wirelessly using an extremely robust and secure mesh network technology. The two main system components are the Zone Controller (ZC) and the Wireless Input-Output unit (WIO). The Zone Controllers can be daisy chained, and installed one per floor in the building. Zone Controllers can be connected using either addressable loops or NAC (bell) circuits to the Fire Panel.

The Wireless Input/Output Unit is a wireless base and is designed to be connected to Mircom's and other's third party notification appliances.

Features

- Compatible with the following Mircom fire alarm control panels Flex-Net, FX-2000, FX-3500, FX-3318, FX-4000N, FX-400/401 and Secutron MMX, MR-3500 and MR-3318 that have addressable SLC loops using addressable devices in CLIP mode only
- Connects to any fire alarm control panel with conventional contacts
- Wireless connection to notification devices. Up to 49 per Zone Controller (ZC)
- Battery backup
- Support Single and Two stage notification
- Configurable Trouble, AC Fail, and Alarm relay outputs
- UL 864 / ULC S527 Listed.



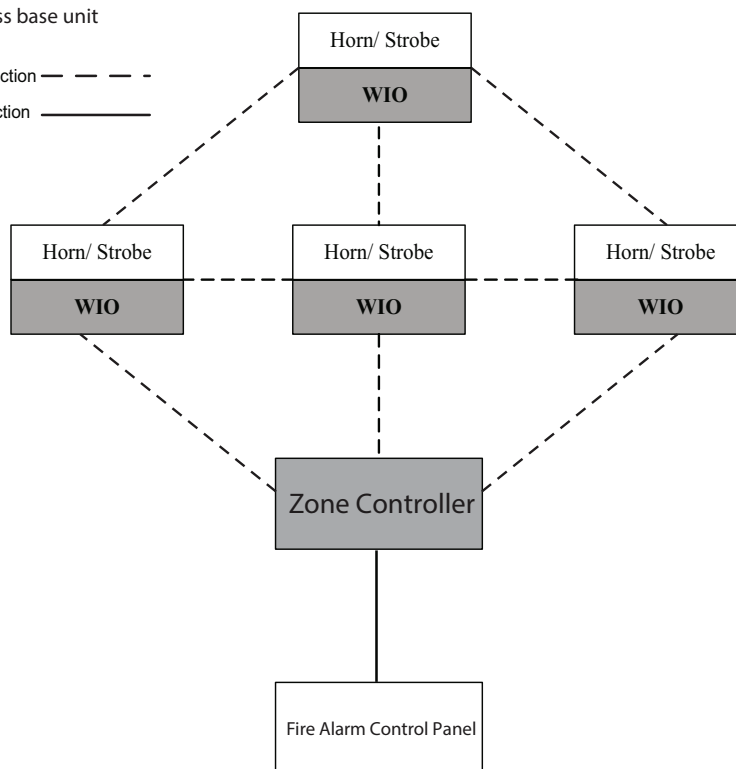


Wiring Diagram

WIO - Wireless base unit

Wireless Connection — — — —

Wired Connection —————



ZC-301W Zone Controller (ZC)

The Zone Controller (ZC) manages the wired connection with the FACP (Fire Alarm Control Panel) and the wireless connections with the Wireless Input/Output Units. The ZC plugs into a dedicated branch 120/240 VAC receptacle.

The Zone Controller relays messages between the Wireless Input/Output Units and the Fire Alarm Control Panel. It plugs into any 120/240 VAC receptacle, has battery backup. Zone Controllers should be installed one per floor or zone and wires through either the Notification appliance Circuit (NAC) or Addressable Loop (SLC) connection to the Fire Alarm Control Panel. The Zone Controller is not an annunciator.

Operating Frequency: 2.4 GHz

Maximum number of Zone Controllers per system: 16

Included with the ZC-301W is:

- Black back box
- Inner chassis
- Main board
- Front door

WR-3001W (WIO) - Wireless Input/Output unit

The Wireless Input/Output unit is a wireless device that connects the notification appliance to the Zone Controller's network. The Wireless Input/Output unit communicates wirelessly with the Zone Controller and drives one notification appliance. Supported notification appliances are the following:

- 2 wire notification appliances manufactured by Mircom, Cooper (two stage is not supported), System Sensor, and Gentex

The Wireless Input/Output units is powered by 120 or 240 VAC and has a backup battery.

Broadcast Frequency: 2.4 GHz

Maximum number of Wireless Input/Output units per Zone Controller is 49.

Maximum number of Wireless Input/Output units per system is 784.



For more information call

1.888.660.4655

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