Secutron™

INTELLIGENT
FIRE ALARM CONTROL UNITS

MMX™ Series
Intelligent Fire Alarm & Network System

MMX-BBX-FXMNSR   BB-5014R

Description

Secutron's MMX Series is a powerful intelligent networkable fire alarm solution designed with many levels of flexibility to meet virtually any application of detection, control, notification and emergency communications. Features such as fire detection & alarm, audio/voice evacuation, BACnet, Boolean logic, networking and real-time 3D graphical work stations allow this modular solution to accommodate the simplest systems up to the most complex solutions.

With the addition of the Advance Protocol (AP), Fire/CO detection and 520 Hz support on both the addressable loop and through the audio/voice evacuation, the MMX Series is poised to take you even farther into the future with expanded capabilities. Designed for peer-to-peer network communications, the FleX-Net Series allows for a maximum of 63 nodes, while providing reliability, flexibility and expandability.

Each base panel consists of one intelligent signaling line circuit (SLC) capable of supporting 159 analog Sensors and 159 addressable modules. In addition the base panel includes Four Style Z/Y (Class A/B) Notification Appliance Circuits and an easy to read and use, large 4 x 20 back-lit alphanumeric LCD display. The audio control provides a multi-channel distributed audio system that allows for efficient emergency paging, evacuation signaling (compatible with 520Hz low frequency signal) and fire fighters' telephone communication. Each audio card cage supports a maximum of 4 QAA style amplifiers for a maximum of 180 watts per cabinet.

The network configuration allows the MMX Series control panel to be connected to a Secutron network to provide additional input circuits, visual zones, programmable notification appliance circuits, and relays. The network interface module allows the panels to communicate on a peer-to-peer network via a Proprietary Arcnet Network Communications protocol.

Features

Fire Alarm Control
- One expandable to seventeen Intelligent Signaling Line Circuits (SLC)
- Each SLC is capable of supporting 159 Analog Sensors and 159 Addressable Modules which can be wired in Style 6 or 7 (Class A) or Style 4 (Class B)
- Four Style Z/Y (Class A/B) Notification Appliance Circuits rated at 1.7 Amps each
- Supports both 80 character and 960 character back-lit LCD displays with user friendly menu
- Supported languages: English, French, Arabic* and Hebrew* (*960 character back-lit LCD display only)
- Correlatable Switch Inputs which allows for multi-functional outputs
- Four Alarm Queues with selector switches and LEDs for Alarm, Supervisory, Monitor and Trouble
- RS-232 output for remote system printer or CRT
- Two Event History Logs comprised of a 6000 Alarm History Log and a 6000 Event Log for all events
- Built-in BACnet support
- System can be configured without taking the control unit offline
- Supports three configuration files (current, previous and next configuration) with "hot swap" support
- Real time 3D graphical monitoring and control using Open Graphic Navigator™
- Supports Boolean logic functions
- Built-in Ethernet port
- Remote diagnostics via a built-in web server
- UL listed for Smoke Control

Audio Control
- Multi-channel operation
- Distributed audio
- 5 hard wire fire fighter telephone channels that can be expanded with intelligent fire phone modules
- 25 or 70 volt system
- Multiple amplifier sizes
- Max. of 180 watts per Integrated Fire & Audio control unit
- Supports up to two 360 watt audio expansion cabinets for a total of 900 watts of audio power per node

Network Features
- Up to 63 nodes
- Peer-to-peer network communications
- Fully integrated digital network audio and control over a single pair of copper wire or fiber optic cable
- Supports over 5,400 points per node
- Supports over 340,000 points on a single network
- Remote diagnostics via built in web server and standard Ethernet port in every node
- Style 4 (Class B) or Style 6 or 7 (Class A) wiring configuration
- Proprietary Arcnet Network Communications protocol

NYC Fire Dept.

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