Features

- Single, Dual or Three Channel Operation
- Zone or All-Call selectability (Alert/Evacuation)
- Control of fire management operations
- Zoned fire fighters’ telephones capability
- Provides single or multiple command centre(s) for use in emergencies
- Multiple Building Interconnection (Campus Style)
- Microprocessor-based operations with hardware and software Watchdog Timer to ensure system operation
- Operates from 24 VDC backup batteries in the event of a power failure
- Removable terminal blocks for ease of installation and maintenance
- Indication of all required fault conditions
- Speaker circuits are integrated with amplifier circuits
- Multiple amplifier sizes (up to 7 per enclosure for a maximum of 360 watts per enclosure)
- Maintains full supervision during battery operation
- 25 or 70 Volt System
- Digitized Voice Capability

Description

Mircom’s QX-5000 Series is a multi-channel zoned audio system that allows the operator to selectively page from a central location to any of the system’s audible devices. In addition, the QX-5000 allows for zoned fire fighters’ telephone communication with remote telephone handsets that are permanently installed throughout a building. The QX-5000 Series consists of a card cage/audio motherboard, an audio/fire alarm interface board, power supply and battery charger which are designed to work with Mircom’s FA-1000 or FX-2000 Series Fire Alarm Control Panels. In addition it can be integrated with other compatible fire alarm control panels. All hardware and software is fully supervised for correct and reliable operation. The system has a simple interface to the fire alarm control panel, and contains its own power supply and battery backup system.

The QX-5000 Series Zoned Audio system requires one QIF-5000B Interface card which provides inputs for the fire alarm panel, the paging microphone and the zone paging module. In addition it provides an audio trouble output. Only one interface card is required per system, and it mounts in the first slot of the QMB-5000B Audio Mother Board and Card Cage.

One QIF-5000B will support seven QMB-5000B card cages. Each card cage has space for one interface card and seven QAA style amplifiers, for a maximum of 360 watts per cabinet.

Each QMB-5000B card cage requires one QPS-5000 Power Supply and QBC-5000N Battery Charger which all mount into a QBB-5001 Audio Cabinet.

The QX-5000 Series Audio System interconnects with the Mircom Fire Alarm Control Panels through a supervised connection. Selective paging is provided through the QMP-5101B/QMP-5100B Master Paging Control Module which provides the microphone and common control functions. Zone selection is provided through the QZP-5101 Zoned Paging Selector Module. A total of six QZP-5101 modules can be connected to the QMP-5101B/QMP-5100B Master Paging Control module. In addition the QX-5000 Series allows for zoned fire fighters’ telephones. The QMT-5302/QMT-5300A Master Fire Fighters’ Telephone Control Module provides the master telephone and common control functions. The QZT-5302 Zoned Fire Fighters’ Telephone Selector Panel allows for 12 zone selector switches and LEDs. A total of six QZT-5302 can be connected to the QMT-5300A/QMT-5302 Master Fire Fighters’ Telephone Control Module.
QX-5000 Series Audio Cabinet Components

**QBB-5001 Audio Backbox**
The QBB-5001 holds one QMB-5000B Audio Motherboard and Card Cage, one QPS-5000 Audio Power Supply and one QBC-5000N Audio Battery Charger. The QBB-5001 will hold up to 40 Ah batteries.

**QMB-5000B Audio Motherboard and Card Cage**
The QMB-5000B supports one QIF-5000B Audio Interface Board and 7 QAA style audio amplifiers. In addition, the card cage allows for a backup amplifier (if required) to be mounted in the last slot. Typically, the QAA-5160-70/25 is used as the backup amplifier. The QMB-5000B requires one QPS-5000 Audio Power Supply and one QBC Audio Battery Charger. The QMB-5000B mounts in the QBB-5001 Backbox enclosure.

**QRM-1001 Bell Cut Relay**
The QRM-1001 provides a Form ‘C’ output contact for remote signal silence on page activation.

**MD-525 Interconnection Cable**
The MD-525 is used to connect additional Audio Motherboard and Card Cages up to 3 Audio Cabinets.

**MD-635 Interconnection Cable**
The MD-635 is used to connect additional Audio Motherboard and Card Cages over 3 Audio Cabinets.

**QIF-5000B Audio/Fire Alarm Interface Card**
The QIF-5000B includes a tone generator with fire alarm input and audio trouble output. In addition, it has a paging MIC input and zone paging multiplex input. The interface module comes equipped with the following tones: Slow Whoop Pulse 20 SPM & 120 SPM and Bell Tone Generator 20 SPM & 120 SPM. Special tones are available upon request. The QIF-5000B will support seven QMB-5000B Audio Motherboard and Card Cages per system and mounts in the first slot of the QMB-5000B.

**QPS-5000 Audio Power Supply**
The QPS-5000 supports up to 420 watts and mounts in the QBB-5001 Backbox enclosure.

**QBC-5000N Audio Battery Charger**
The QBC-5000N will charge up to 65 Ah batteries and mounts in QBB-5001 Backbox enclosure.

**Note:** A knockout is provided on the bottom right of the QBB-5001 backbox to allow for conduit to be run up the right hand side of the backbox.

**QBB-5001 Audio Backbox**

**QMB-5000B Audio Motherboard and Card Cage**

**QPS-5000 Audio Power Supply**

**QBC-5000N Audio Battery Charger**

**QIF-5000B Audio/Fire Alarm Interface Card**

**MD-525 Interconnection Cable**

**MD-635 Interconnection Cable**

**QRM-1001 Bell Cut Relay**

**Connectors for Multiple QMB-5000B Audio Motherboards**

**Slot #1 Connector for QIF-5000B Interface Module**

**QPS-5000 Power Supply**

**Enclosure supports up to 40AH batteries**

**Slots #2 - #8 Connector for QAA Style Amplifiers**

**QMB-5000B Audio Motherboard & Card Cage**

**NOT TO BE USED FOR INSTALLATION PURPOSES.**

CAT. 5800

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QAA-4CLA Class 'A' (Style 'Z') Converter Module
The QAA-4CLA converts each of the four Class 'B' (Style 'Y') outputs on a QAA-5415-70 or QAA-5415-25 Amplifiers to Class 'A' (Style 'Z'). The module attaches to the bottom of the amplifier. One QAA-4CLA is required for each amplifier.

QAA-4CLAS Class 'A' (Style 'Z') Converter Module
The QAA-4CLAS converts each of the four Class 'B' (Style 'Y') outputs on a QAA-5230S-70/25 or QAA-5230S-525-70/25 Amplifier to Class 'A' (Style 'Z'). The module attaches to the bottom of the amplifier. One QAA-4CLAS is required for each amplifier.
QX-5000 Digitized Voice Components

QDV-1000 Digitized Voice Module
The QDV-1000 Digitized Voice Module supports four simultaneous channels of digitized voice; alert, evacuation, manual selection and common voice channel. The voice channels can be voice only, voice and tone and tone only. One QDV-0001 Digitized Voice Chip is required per channel. The QDV-0001 Digitized Voice Chip is field programmable using the QDVP-100 Digitized Voice Programming Tool. In the case that the QDV-1000 fails, the QIF-5000B Tone Generator acts as a backup. The QDV-1000 includes one factory installed QDV-0001 Digitized Voice Chip in the Evacuation socket with provisions to add three adder QDV-0001 chips. The QDV-1000 mounts in the QBB-5001 Audio Backbox on top of the QBC-5000N.

QDV-0001 Digitized Voice Chip
The QDV-0001 Digitized Voice Chip stores the channel specific voice or voice/tone message. One QDV-0001 is required per voice channel being used. The chip is field programmable via the QDVP-100 Digitized Voice Programming Tool. The QDV-0001 allows for the storage of approximately 4 minutes of audio messaging. Once programmed, the QDV-0001 chips plug into the appropriate sockets on the QDV-1000 Digitized Voice Module.

QDVP-100 Digitized Voice Programming Tool
The QDVP-100 Digitized Voice Programming Tool allows for field programming of the QDV-1000 Digitized Voice Module.

NOT TO BE USED FOR INSTALLATION PURPOSES.
QX-5000 Series Interconnection Modules

QIF-1000 Audio Interconnection Module
The QIF-1000 Audio Interconnection Module is used to interconnect multiple paging systems together. The QIF-1000 allows for QIF-5000B to QIF-5000B interconnection and is used for campus style “All-Call” Paging. The QIF-1000 allows each interconnected audio system to have zoned paging for the local building and all-call capabilities for each outlying building. The QIF-1000 mounts on top of the QBC-5000N.

QIF-1000 - QIF to QIF Interconnection Wiring Diagram
Audio System #1  Audio System #2  Audio System #3

QIF-2000 Programmable Amplifier Interface Module
The QIF-2000 Programmable Amplifier Interface Module provides sixteen programmable audio inputs. Each programmable input is a dry normally open contact. The contact inputs are non-supervised and can be configured to any number of amplifiers. The amplifiers can be configured to the alert channel, the evacuation channel or to remain silent. The QIF-2000 mounts on top of the QBC-5000N. A maximum of eight QIF-2000 modules can be used per system for a total system capacity of 128 programmable inputs.
QX-5000 Series Paging Control Modules

QMP-5101B Master Paging Control Module
The QMP-5101B Master Paging Control Module includes the Paging microphone and common control indicators for A.C.-On, Common Trouble, MIC Trouble, MIC Level/Page Enable, Digitized Voice Active, Amplifier Trouble, Circuit Trouble, Remote Failure, Page Inhibit, All-Call, All-Call Minus and Warden Page. The QMP-5101B has control buttons for Audio Selector Reset, Lamp Test, All-Call, All-Call Minus, Microphone PTT and Warden Page. The QMP-5101B allows for all call paging or selective paging with the QZP-5101 Zoned Paging Selector Modules. The QMP-5101B connects to the QIF-5000B Audio Interface Card via the following connections: an RS-485 connection (twisted shielded pair), 24 VDC power, a twisted shielded pair for the microphone interface and a pair of wires for Push To Talk (PTT). The QMP-5101B features a special pre-announce tone for use with Mircom’s SP-Series Silenceable Speakers. The QMP-5101B occupies one module space in the BB-5000 Series enclosures.

QMP-5100AX Master Paging Control Module
The QMP-5100AX Master Paging Control Module is similar to the QMP-5101B/QMP-5100B except that it does not include a paging microphone and is used for Distributed Audio systems. The QMP-5100AX features a special pre-announce tone for use with Mircom’s SP-Series Silenceable Speakers. The QMP-5100AX occupies one module space in the BB-5000 Series enclosures.

QMP-5100B Master Paging Control Module
The QMP-5100B Master Paging Control Module is similar to the QMP-5101B Paging Module and is designed for remote mounting in the BB-1000 Series enclosures. The QMP-5100B features a special pre-announce tone for use with Mircom’s SP-Series Silenceable Speakers. The QMP-5100B occupies one module space in the BB-1000 Series enclosures.

QZP-5101 Zoned Paging Selector Panel
The QZP-5101 Zoned Paging Selector Panel includes 24 zone selector switches, 24 zone selector LEDs (Green/Red) and 24 Zone trouble LEDs (Amber). The QZP-5101 is used with the QMP-5100B/QMP-5101B Master Paging Control module. Slide-in labels are provided to label the paging zones. The QZP-5101 occupies one module space in the BB-1000 or BB-5000 Series enclosures.

QMP-5100MSB Microphone Splitter Board
The QMP-5100MSB Microphone Splitter Board provides microphone connections for up to four QIF-5000B Interface Cards (for Distributed Audio system). The QMP-5100MSB occupies one module space in the BB-5000 Series enclosures and mounts under the QMP-5100AX Master Paging Control Module.
QMT-5302 Master Firefighters’ Telephone Control Module
The QMT-5302 includes the Master Telephone Handset and common control indicators for Common Telephone Trouble, Master Telephone Trouble and Incoming Call. The QMT-5302 has control buttons for Lamp Test and either Connect (on common call/talk system) or Clear All (on multi-zoned system). The QMT-5302 may be used either alone as a common call/talk system or with the QZT-5302 Zone Selectors as a multi-zoned system. In a common call/talk system, the user will hear a buzzer at the QMT-5302. By picking up the handset and selecting the ‘Connect’ button, the user will be able to answer the call. In a multi-zoned system, the user must select the appropriate telephone zone on the QZT-5302. If a second call comes in, the appropriate Telephone zone LED will light up. To answer, the user must select the appropriate telephone zone. The QMT-5302 will allow up to a maximum of six phones to be answered at a time. The QMT-5302 is powered with a 24 VDC, 200 mA external DC power source (filtered or unfiltered). The master telephone circuit can be wired in Class ‘A’ (Style ‘Z’) or Class ‘B’ (Style ‘Y’). The QMT-5302 occupies one module space in the BB-5000 series enclosures.

QZT-5302 Zoned Firefighters’ Telephone Selector Panel
The QZT-5302 includes 12 zone selector switches, 12 zone Call-In LEDs (Green) and 12 zone trouble LEDs (Amber). The QZT-5302 is used with the QMT-5302/QMT-5300A Master Telephone Control module to provide a multi-zoned system. The telephone circuits can be wired in Class ‘A’ (Style ‘Z’) or Class ‘B’ (Style ‘Y’). A maximum of six QZT-5302 can be connected to the QMT-5302/QMT-5300A. Slide-in labels are provided to label the telephone zones. The QZT-5302 occupies one module space in the BB-1000 or BB-5000 enclosures.

Specifications

Electrical Requirements
Power Input: 120 VAC +10%, -15%, 60 Hz, 12A (Primary)
Power Supply Ratings: 30A, 40V (Secondary)
Input Current: 11 Amps
Standby Power: 24 VDC Standby batteries

Environmental Operating Limits
Temperature: 0 to 49 C
Humidity: 0 to 95% rh (non-condensing)

Dimensions
QBB-5001 Backbox: 41”H x 24.25 “W x 8”D
BB-1001 Enclosure: 9”H x 12.75”W x 1.2”D
BB-1002 Enclosure: 18”H x 12.75”W x 1.2”D
BB-1003 Enclosure: 26.4”H x 12.75”W x 1.2”D
BB-1008 Enclosure: 33”H x 22.5”W x 1.25”D
BB-1012 Enclosure: 45”H x 22.5”W x 1.25”D
BB-5008 Enclosure: 36”H x 30”W x 7”D
BB-5014 Enclosure: 60”H x 30”W x 7”D

Audio Backbox Mounting
Surface or Semi-flush mounting (Use QBB-5001TR Flush Trim Ring)

QMT-5300A Master Firefighters’ Telephone Control Module
The QMT-5300A Master Firefighters’ Telephone Control Module is similar to the QMT-5302 and is designed for remote mounting in the BB-1000 Series enclosures. The QMT-5300A occupies one module space in the BB-1000 Series Enclosures.
QMP-5100B/QMP-5101B Wiring Diagram

QIF-5000B

QMP-5100B/QMP-5101B

QMP-5100B/QMP-5101B

QMT-5300A/QMT-5302 Wiring Diagram

QMT-5300A or QMT-5302

NOT TO BE USED FOR INSTALLATION PURPOSES.
QX-5000 Series Firefighter Telephone Control Modules (Addressable)

QAMT-5302 Master Firefighters' Telephone Addressable Control Module
The QAMT-5302 includes the Master Telephone Handset and common control indicators for Common Telephone Trouble, Master Telephone Trouble and Incoming Call. The QAMT-5302 has control buttons for Lamp Test and either Connect (on common call/talk system) or Clear All (on multi zoned system). The QAMT-5302 may be used either alone as a common call/talk system or with the QAZT-5302 Zone Selectors as a multi-zoned system. In a common call/talk system, the user will hear a buzzer at the QAMT-5302. By picking up the handset and selecting the ‘Connect’ button, the user will be able to answer the call. In a multi zoned system, the user must select the appropriate telephone zone on the QAZT-5302. If a second call comes in, the appropriate Telephone zone LED will light up. To answer, the user must select the appropriate telephone zone. The QAMT-5302 will allow up to a maximum of six phones to be answered at a time. The QAMT-5302 is powered with a 24 VDC, 200 mA external DC power source (filtered or unfiltered). The master telephone circuit can be wired in Class ‘A’ (Style ‘Z’) or Class ‘B’ (Style ‘Y’). The QAMT-5302 occupies one module space in the BB-5000 Series enclosures.

QAZT-5302 Addressable Zoned Firefighters’ Telephone Selector Panel
The QAZT-5302 includes 24 zone selector switches, 24 zone selector LEDs (Green or Red) and 24 trouble LEDs (Amber). The QAZT-5302 is used with the QAMT-5302/QAMT-5300 Master Firefighters’ Telephone Addressable Control module to provide a multi-zoned system. Slide-in labels are provided to label the telephone zones. The QAZT-5302 occupies one module space and mounts with the Main FX-2000 panel in a BB-5000 Series enclosure or with the RAX-LCD in a BB-1000 or BB-5000 Series enclosure.

MIX-M500FP Addressable Firephone Control Module
The MIX-M500FP is used with the FX-2000 Series Intelligent Fire Alarm Control Panel and is intended to monitor and control a loop of firefighter phones. It has the ability to differentiate between normal, off-hook, and trouble conditions. When taken off-hook, a phone will immediately receive a ringing tone, and the panel will receive an off-hook indication. The panel can then connect that off-hook phone to the main riser for the system.
Add suffix “A” for Canadian model.

QAMT-5300 Master Firefighters’ Telephone Addressable Control Module
The QAMT-5300A Master Firefighters’ Telephone Addressable Control Module is similar to the QMT-5302 and is designed for remote mounting in the BB-1000 Series enclosures. The QAMT-5300A occupies one module space in the BB-1000 Series enclosures.
Typical Circuit Configuration Wiring Diagram, Class B (NFPA Style Y)

Connect modules to listed compatible control panels only.

Communication Line:
32 VDC max.
Twisted pair is recommended.

All wiring shown is supervised and power limited.

Branch circuits:
Do not loop wire around terminals. Break wire to ensure supervision of connections.

Telephone console:
24 volts DC power limited.

Telephone console must provide its own wiring supervision.

Addressable Firefighter Handsets Operation

Addressable Fire Phone Module

Firefighter Telephone Handsets

Twisted Shielded Pair (Data)

Twisted Shielded Pair (Audio)

QAZT-5302

QAMT-5300

Four Supervised Remote Telephone Channels

To a maximum of 4 Master Telephone Control Modules (QAMT-5300/QAMT-5302)
**Typical System Layout #1**

Lobby Control Unit is located in the lobby while the Audio Panel is located in the electrical room.

**EMERGENCY VOICE ALARM SYSTEM**

- 1 Twisted Shielded Pair (18-22 AWG) for MIC
- 1 Twisted Shielded Pair (18-22 AWG) for RS-485
- 1 Twisted Pair (18-22 AWG) for PTT
- 1 Pair (18 AWG) for 24 VDC
- 1 Pair (18 AWG) for Signal Circuit #1 (Silenceable Strobe)
- 1 Pair (18 AWG) for Signal Circuit #2 (Non-Silenceable Strobe)
- 1 Pair (18 AWG) for Trouble Contact

**BB-5014 Lobby Control Unit**
- C/w Fire Alarm Control Panel, Fire Fighters’ Telephone Modules and Paging Modules.

**ELECTRICAL ROOM**

- 1 Twisted Pair (18-22 AWG) Typical per Fire Fighter Telephone Circuit

**QBB-5001 Audio Cabinet c/w Speaker Circuits**

120 VAC

**MD-525 Interconnect Cable** should be run in a 2" conduit connector. The QBB-5001 cabinets should not be more than 8” apart. MD-525 cable is required for up to three card cages. For applications over three card cages, the MD-635 cable is required.

**Typical System Layout #2**

All units are located in the lobby or fire command centre.

**EMERGENCY VOICE ALARM SYSTEM**

- 1 Twisted Shielded Pair (18-22 AWG) for MIC
- 1 Twisted Shielded Pair (18-22 AWG) for RS-485
- 1 Twisted Pair (18-22 AWG) for PTT
- 1 Pair (18 AWG) for 24 VDC
- 1 Pair (18 AWG) for Signal Circuit #1 (Silenceable Strobe)
- 1 Pair (18 AWG) for Signal Circuit #2 (Non-Silenceable Strobe)
- 1 Pair (18 AWG) for Trouble Contact

**BB-5014 Lobby Control Unit**
- C/w Fire Alarm Control Panel, Fire Fighters’ Telephone Modules and Paging Modules.

**QBB-5001 Audio Cabinet c/w Speaker Circuits**

120 VAC

**MD-525 Interconnect Cable** should be run in a 2” conduit connector. The QBB-5001 cabinets should not be more than 8” apart. MD-525 cable is required for up to three card cages. For applications over three card cages, the MD-635 cable is required.

**NOT TO BE USED FOR INSTALLATION PURPOSES.**
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QMB-5000B</td>
<td>Audio Motherboard &amp; Card Cage (Supports one QIF-5000B Interface Board and 7 QAA style Audio Amplifiers)</td>
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<tr>
<td>QIF-5000B</td>
<td>Audio/Fire Alarm System Interface Card</td>
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<tr>
<td>QIF-1000</td>
<td>Audio Interconnection Module (QIF to QIF)</td>
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<tr>
<td>QIF-2000</td>
<td>Programmable Amplifier Interface Module</td>
</tr>
<tr>
<td>QPS-5000</td>
<td>Audio Power Supply</td>
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<tr>
<td>QB-5000N</td>
<td>Audio Battery Charger</td>
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<tr>
<td>QAA-5415-70</td>
<td>70 Volt Quad 15 Watt Amplifier</td>
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<tr>
<td>QAA-5415-25</td>
<td>25 Volt Quad 15 Watt Amplifier</td>
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<tr>
<td>QAA-4CLA</td>
<td>Class 'A' (Style 'Z') Converter Module for QAA-5415-25 and QAA-5415-70 Amplifiers</td>
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<tr>
<td>QAA-5230S-70/25</td>
<td>25 or 70 Volt Dual 30 Watt Amplifier split 'A' 'B' circuits per floor</td>
</tr>
<tr>
<td>QAA-5230S-525-70/25</td>
<td>25 or 70 Volt Dual 30 Watt Amplifier split 'A' 'B' circuits per floor</td>
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<tr>
<td>QAA-4CLAS</td>
<td>Class 'A' (Style 'Z') Converter Module for QAA-5230S-70/25 and QAA-5230S-525-70/25 Amplifiers</td>
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<tr>
<td>QAA-5160-70/25</td>
<td>25 or 70 Volt 60 Watt Amplifier</td>
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<tr>
<td>QBB-5001</td>
<td>Audio Backbox Enclosure</td>
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<tr>
<td>QBB-5001TR</td>
<td>Flush Trim Ring for QBB-5001 Audio Backbox</td>
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<tr>
<td>QRM-1001</td>
<td>QX-5000 Series Bell Cut Relay</td>
</tr>
<tr>
<td>MD-525</td>
<td>Interconnection cable (One required for each additional Audio Motherboard and Card Cage up to three cabinets.)</td>
</tr>
<tr>
<td>MD-635</td>
<td>Interconnection cable (One required for each additional Audio Motherboard and Card Cage over three.)</td>
</tr>
</tbody>
</table>

**Digitized Voice Components**
- QDV-1000: Digitized Voice Module
- QDV-0001: Digitized Voice Chip
- QDVP-100: Digitized Voice Programming Tool

**Zoned Paging Control**
- QMP-5100B: Master Paging Control Module c/w paging microphone and common control functions. Mounts in BB-1000 Series Enclosures.
- QMP-5101B: Master Paging Control Module c/w paging microphone and common control functions. Mounts in BB-5000 Series Enclosures.
- QZP-5101: Zoned Paging Selector Panel c/w 24 zone selector switches, 24 selector LEDs (Green) and 24 trouble LEDs (Amber). Mounts in BB-1000 or BB-5000 Series Enclosures.
- QMP-5100AX: Master Paging Control Module (No Paging Microphone)
- QMP-5100MSB: Microphone Splitter Board

**Zoned Firefighters’ Telephone Control**
- QMT-5300A: Master Firefighters’ Telephone Control Module c/w master handset and common control functions. Mounts in BB-1000 Series Enclosures.
- QMT-5302: Master Firefighters’ Telephone Control Module c/w master handset and common control functions. Mounts in BB-5000 Series Enclosures.
- QZT-5302: Zoned Firefighters’ Telephone Selector Panel c/w 12 zone selector switches, 12 zone Call-In LEDs 12 zone trouble LEDs and 12 Class A/B (Style Z/Y) telephone circuits. Mounts in BB-1000 or BB-5000 Enclosures.
- QAMT-5300: Master Firefighters’ Telephone Addressable Control Module
- QAMT-5302: Master Firefighters’ Telephone Addressable Control Module
- QAAT-5302: Addressable Zoned Firefighters’ Telephone Selector Panel
- MIX-M500FP: Addressable Firephone Control Module

**Zoned Paging & Firefighters’ Telephone Module Enclosures**
- BB-1001: Semi-Flush Backbox (Houses 1 module)
- BB-1002: Semi-Flush Backbox (Houses 2 modules)
- BB-1003: Semi-Flush Backbox (Houses 3 modules)
- BB-1008: Semi-Flush Backbox (Houses 8 modules)
- BB-1012: Semi-Flush Backbox (Houses 12 modules)
- MCH-001: BB-1000 Blank Panel Insert
- BB-5014: Lobby Control Centre Wallbox Enclosure (Supports 14 module foot prints)
- DOX-5014M: Painted Beige Metal Door for BB-5014
- CCH-5014: Custom Mounting Kit for BB-5014 (One required for each BB-5014)
- BB-5008: Lobby Control Centre Wallbox Enclosure (Supports 8 module foot prints)
- DOX-5008M: Painted Beige Metal Door for BB-5008
- CCH-5008: Custom Mounting Kit for BB-5008 (One required for each BB-5008)