

REMOTE MULTIPLEX ANNUNCIATORS

RA-1000 SERIES



Description

Mircom's modular RA-1000 Series Remote Annunciators are multiplex annunciator panels that provide a large capacity of annunciation with the Mircom Fire Alarm Control Panels. The RA-1000 Series is comprised of three chassis models. The RAM-1032TZDS Main Annunciator Chassis consists of sealed membrane-like buttons and LED indicators. Complete with Common Control Features and Indicators, the RAM-1032TZDS Main Annunciator Chassis provides up to 32 points of annunciation and can be expanded with up to four RAX adder annunciator chassis modules. Defined via DIP switches, the RA-1000 Remote Annunciators are automatically configured to match the Fire Alarm Control Panel configuration.

The RAX-1048TZDS Adder Annunciator Chassis has the same basic construction as the Main Annunciator Chassis and can provide up to 48 points of annunciation. It interconnects to either a RAM-1032TZDS Main Annunciator or a RAX-1048TZDS Adder Annunciator Chassis. Up to four RAX-1048TZDS Adder Annunciator Chassis' can be connected to one RAM-1032TZDS. The annunciators come standard with Bi-coloured LEDs to annunciate Alarm or Supervisory points. Each display point can be identified by the slide-in label that slides in beside the LED. The annunciator modules can mount into five various sized enclosures.

Features

- Large capacity of annunciation
- Provides annunciation through three annunciator chassis modules
- Bi-coloured LEDs
- Slide-in labels for each display point
- Surface mount to standard gang outlet boxes
- Sealed membrane-like buttons and LED indicators
- Local Buzzer, Silence and Lamp Test switches
- LEDs for A.C. On, Common Trouble, Remote Failure, Aux. Disconnect, Acknowledge, General Alarm, Signal Silence and Test/Configuration Mode
- Controls for System Reset, Lamp Test, Fire Drill, Aux. Disconnect, Buzzer Silence, Signal Silence, General Alarm and Acknowledge
- Each annunciation point is automatically selected for either Alarm (Red) or Supervisory (Amber) to match the Fire Alarm Control Panel configuration
- Five sizes of enclosures
- Enclosures are available in a white colour for the Canadian market and a red exterior for the U.S. and International markets

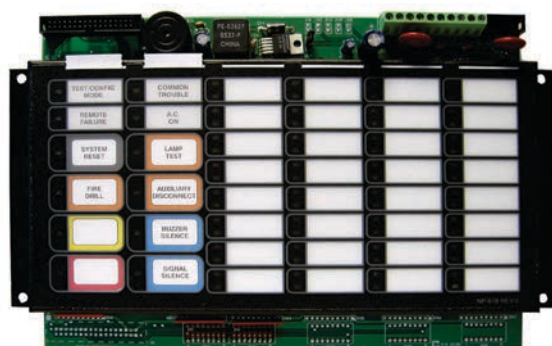


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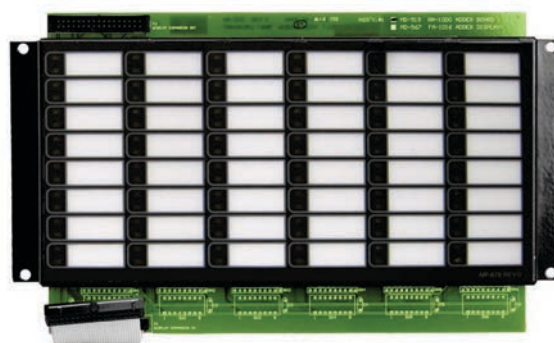
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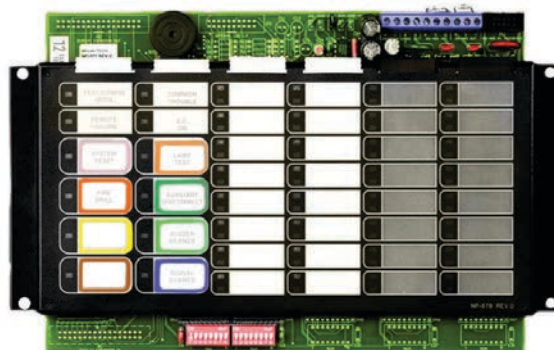
RAM-1032TZDS Main Remote LED Annunciator

The RAM-1032TZDS Main Remote LED Annunciator provides common annunciator functions and 32 points of LED annunciation. The RAM-1032TZDS has indicators for A.C. On, Common Trouble and Signal Silence and controls for System Reset, Lamp Test, Fire Drill, Buzzer Silence and Signal Silence. Each display point can be identified by the slide-in label that slides in besides the LED. The RAM-1032TZDS allows for the control switches to be disabled on a per function basis for areas that do not require certain common control functions to be remotely located from the fire alarm control unit. The RAM-1032TZDS can be expanded with the addition of RAX-1048TZDS Programmable LED Annunciator Modules. The RAM-1032TZDS occupies one display position in the BB-1000 or BB-5000 enclosures.



RAX-1048TZDS Programmable LED Annunciator Module

The RAX-1048TZDS Programmable LED Annunciator Module provides 48 programmable bi-colored LEDs. The RAX-1048TZDS connects to the main control unit or main annunciator module when mounted remotely. Each display point can be identified by the slide-in label that slides in besides the LED. The RAX-1048TZDS occupies one display position in the BB-1000 or BB-5000 Series enclosures.



RAM-1016TZDS Main Remote LED Annunciator

The RAM-1016TZDS Main Remote LED Annunciator provides common annunciator functions and 16 points of LED annunciation. The RAM-1016TZDS has indicators for A.C. On, Common Trouble and Signal Silence and controls for System Reset, Lamp Test, Fire Drill, Buzzer Silence and Signal Silence. Each display point can be identified by the slide-in label that slides in besides the LED. The RAM-1016TZDS allows for the control switches to be disabled on a per function basis for areas that do not require certain common control functions to be remotely located from the fire alarm control unit. The RAM-1016TZDS is a non-expandable unit that occupies one display position in the BB-1000 or BB-5000 enclosures.

BB-1001 Semi-Flush Enclosure

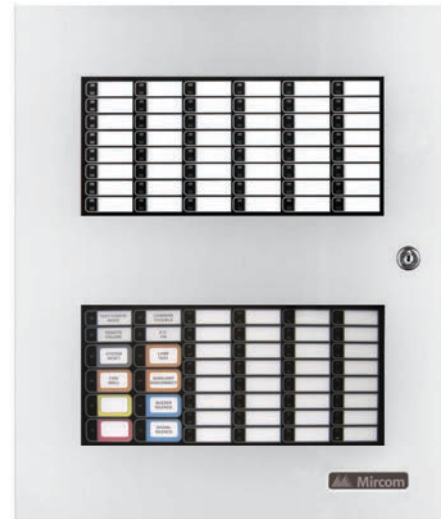
The BB-1001 comes complete with a backbox, door and hinge. The enclosure door comes with a lexan window, two keys and a durable lock. The door comes hinged to the left side of the box. The box is capable of handling one RAM-1032TZDS Main Annunciator Chassis which provides up to 32 points of annunciation.



BB-1001

BB-1002 Semi-Flush Enclosure

The BB-1002 comes complete with a backbox, door and hinge. The enclosure door comes with lexan windows, two keys and a durable lock. The door comes hinged to the left side of the box. The enclosure is capable of handling one RAM-1032TZDS Main Annunciator Chassis and one RAX-1048TZDS Adder Annunciator Chassis.



BB-1002

BB-1003 Semi-Flush Enclosure

The BB-1003 comes complete with a backbox, door and hinge. The enclosure door comes with lexan windows, two keys and a durable lock. The door comes hinged to the left side of the box. The enclosure is capable of handling one RAM-1032TZDS Main Annunciator Chassis and two RAX-1048TZDS Adder Annunciator Chassis.

BB-1008 Semi Flush Enclosure

The BB-1008 comes complete with a backbox, door and hinge. The enclosure door comes with lexan windows, two keys and a durable lock. The door comes hinged to the left side of the box. The enclosure is capable of handling up to one RAM-1032TZDS Main Annunciator Chassis, four RAX-1048TZDS Adder Annunciator Chassis and three additional slots for a combination of either fan damper modules, zoned audio paging modules and zoned fire fighters' telephone modules.

BB-1012 Semi Flush Enclosure

The BB-1012 comes complete with a backbox, door and hinge. The enclosure door comes with lexan windows, two keys and a durable lock. The door comes hinged to the left side of the box. The enclosure is capable of handling up to one RAM-1032TZDS Main Annunciator Chassis, four RAX-1048TZDS Adder Annunciator Chassis and seven additional slots for a combination of either fan damper modules, zoned audio paging modules and zoned fire fighters' telephone modules.

NOTE: All BB-1000 Series Enclosures are available in a white colour for the Canadian market and a red exterior for the U.S. and International markets.



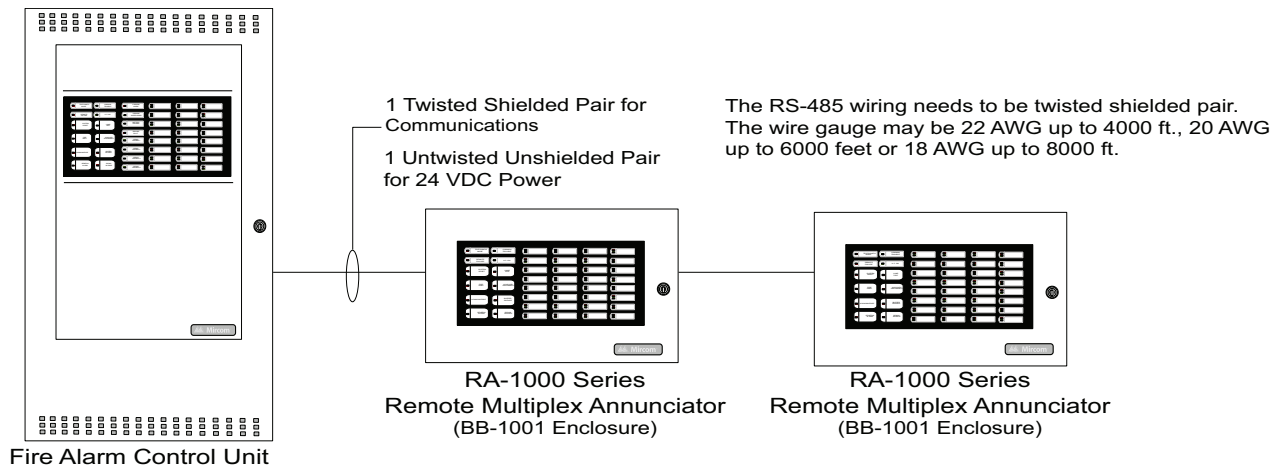
BB-1003

Dimensions

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

Typical Remote Annunciator Wiring Diagram



NOTE: Annunciator wiring must be as shown. Star type or 'T' tap connections are not allowed. The RA-1000 Series Remote Annunciators must be wired in a loop configuration.

Ordering Information

Model Description

Modules

RAM-1016TZDS Main Annunciator Chassis c/w Common Control Features, Indicators and 16 Bi-Coloured LEDs and 16 Trouble LEDs

RAM-1032TZDS Main Annunciator Chassis c/w Common Control Features, Indicators and 32 Bi-Coloured LEDs and 32 Trouble LEDs

RAX-1048TZDS Adder Annunciator Chassis c/w 48 Bi-Coloured LEDs and 48 Trouble LEDs

Backboxes

BB-1001 Annunciator backbox with keylock door (Houses 1 module)

BB-1002 Annunciator backbox with keylock door (Houses 2 modules)

BB-1003 Annunciator backbox with keylock door (Houses 3 modules)

BB-1008 Annunciator backbox with keylock door (Houses 8 modules)

BB-1012 Annunciator backbox with keylock door (Houses 12 modules)

Note: For U.S. and International enclosures add suffix 'R' (Red exterior)

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