



Description

Mircom's modular RA-1000 Series Remote Annunciators are multiplex annunciator panels that provide a large capacity of annunciation (up to 224 points) with the standard Mircom FA-1000 Series Fire Alarm Control Panels. The RA-1000 Series is comprised of five chassis models. The RAM-1032 Main Annunciator Chassis consists of sealed membrane-like buttons and LED indicators. Complete with Common Control Features and Indicators, the RAM-1032 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 FA-1000 Series Fire Alarm Control Panel configuration.

The RAX-1048 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-1032 Main Annunciator or a RAX-1048 Adder Annunciator Chassis. Up to four RAX-1048 Adder Annunciator Chassis' can be connected to one RAM-1032. 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

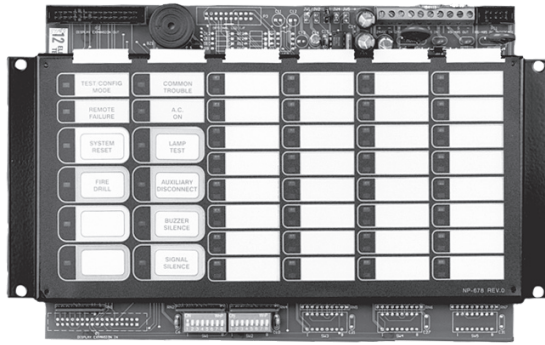
- Large capacity of annunciation (maximum of 224 points)
- Provides annunciation through five annunciator chassis modules
- Bi-coloured LEDs
- Slide-in labels for each display point
- Surface mount to standard gang outlet boxes
- Sealed membrane-like buttons and LED indicators
- Local Buzzer, Silence 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 FA-1000 Series Fire Alarm Control Panel configuration
- Five sizes of enclosures
- Enclosures are available in a beige colour for the Canadian market and a red exterior for the U.S. and International markets



CATALOG NUMBER **5505**

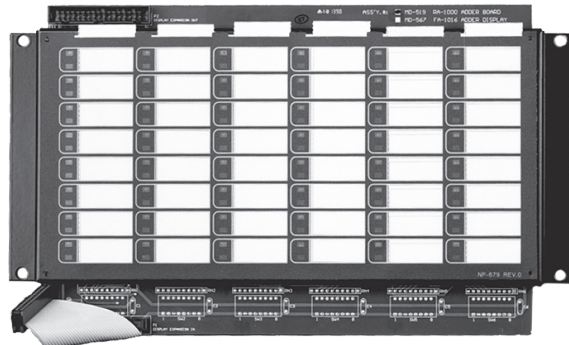
NOT TO BE USED FOR INSTALLATION PURPOSES.

Mircom reserves the right to make changes at any time without notice in prices, colours, materials, components, equipment, specifications and models and also to discontinue models.



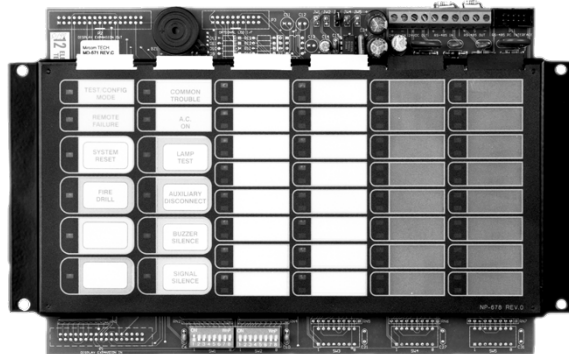
RAM-1032 - Main Annunciator Chassis

The RAM-1032 Main Annunciator Chassis is an expandable module used in the RA-1000 Series Remote Annunciators to provide control, indication of common annunciator functions and up to 32 points of annunciation. The RAM-1032 can be expanded with up to four RAX-1048 Adder Annunciator Chassis' to a maximum of 224 points. The RAM-1032 comes standard with Bi-coloured LEDs which are automatically configured for either alarm (Red) or Supervisory (Amber) to match the FA-1000 Series Fire Alarm Control Panel configuration. Each display point can be identified by the slide-in label that slides in beside the LED. Equipped with sealed membrane-like buttons and LED indicators, the RAM-1032 has a Local Buzzer as well as indicators for A.C. On, Common Trouble, Remote Failure, Aux. Disconnect, Acknowledge, General Alarm, Signal Silence and Test/Configuration mode. In addition it has controls for System Reset, Lamp Test, Fire Drill, Auxiliary Disconnect, Buzzer Silence, Signal Silence, General Alarm and Acknowledge. The RAM-1032 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 Panel. The slide-in labels are easily customized to reflect the omission of those control switches. It occupies one slot in the BB-1000 or BB-5000 enclosures. RAM-1032TZ is available with 32 Trouble LEDs.



RAX-1048 - Adder Annunciator Chassis

The RAX-1048 Adder Annunciator Chassis is used in the RA-1000 Series Remote Annunciators to provide 48 additional points of annunciation. The RAX-1048 is an expandable annunciator module which can be connected to a RAM-1032. A maximum of four RAX-1048 can be connected to the RAM-1032 Main Annunciator Chassis. As with the RAM-1032 Main Annunciator Chassis, the RAX-1048 has Bi-coloured LEDs which are automatically configured for either Alarm (Red) or Supervisory (Amber) to match the FA-1000 Series Fire Alarm Control Panel configuration. Each display point can be identified by the slide-in label that slides in besides the LED. It occupies one slot in the BB-1000 or BB-5000 enclosures. RAX-1048TZ is available with 48 Trouble LEDs.

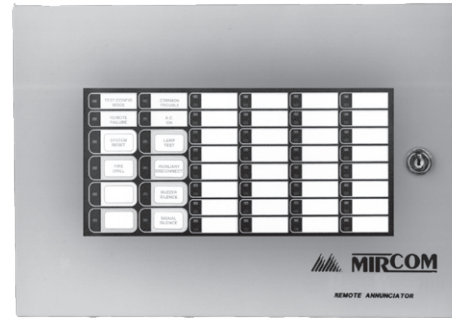


RAM-1016 Main Annunciator Chassis

The RAM-1016 Main Annunciator Chassis is a non-expandable module used in the RA-1000 Series Remote Annunciators to provide control, indication of common annunciator functions and up to 16 points of annunciation. The RAM-1016 comes standard with Bi-coloured LEDs which are automatically configured for either Alarm (Red) or Supervisory (Amber) to match the FA-1000 Series Fire Alarm Control Panel configuration. The RAM-1016 is equipped with the same functions and features as the RAM-1032 Main Annunciator Chassis with the exception that it is non-expandable. It occupies one slot in the BB-1000 enclosures. RAM-1016TZ is available with 16 Trouble LEDs.

BB-1001 Semi-Flush Enclosure

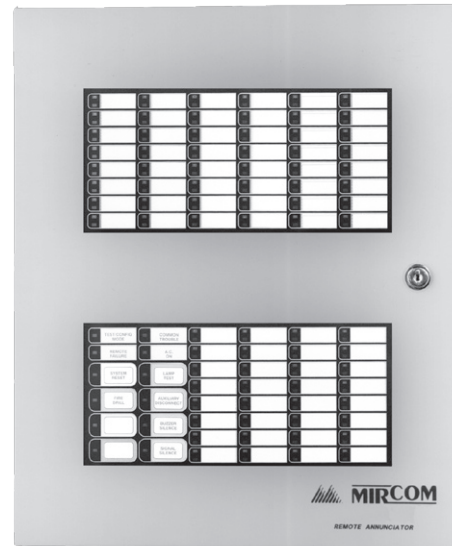
The BB-1001 comes complete with a backbox, door and hinge. The enclosure door comes with a lexan window, two keys and a durable lock. The door comes hinged to the left side of the box. The box is capable of handling one RAM-1032 Main Annunciator Chassis which provides up to 32 points of annunciation.



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-1032 Main Annunciator Chassis and one RAX-1048 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-1032 Main Annunciator Chassis and two RAX-1048 Adder Annunciator Chassis.



BB-1003

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-1032 Main Annunciator Chassis, four RAX-1048 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-1032 Main Annunciator Chassis, four RAX-1048 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.

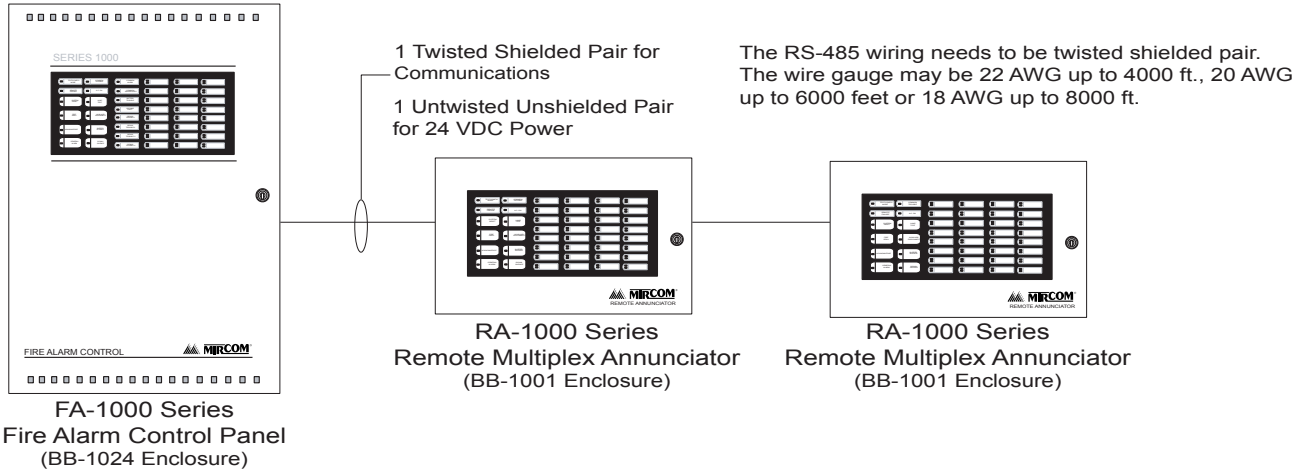
NOTE: All BB-1000 Series Enclosures are available in a beige colour for the Canadian market and a red exterior for the U.S. and International markets.

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-1032	Main Annunciator Chassis c/w Common Control Features, Indicators and 32 Bi-Coloured LEDs
RAM-1016	Main Annunciator Chassis c/w Common Control Features, Indicators and 16 Bi-Coloured LEDs
RAX-1048	Adder Annunciator Chassis c/w 48 Bi-Coloured LEDs
RAX-1016TZ	Main Annunciator Chassis c/w Common Control Features, Indicators and 16 Bi-Coloured LEDs and 32 Trouble LEDs
RAM-1032TZ	Main Annunciator Chassis c/w Common Control Features, Indicators and 32 Bi-Coloured LEDs and 32 Trouble LEDs
RAX-1048TZ	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)

NOT TO BE USED FOR INSTALLATION PURPOSES.



Canada

25 Interchange Way
 Vaughan, Ontario L4K 5W3
 Telephone: (905) 660-4655
 Fax: (905) 660-4113

U.S.A.

4575 Witmer Industrial Estates
 Niagara Falls, NY 14305
 Toll Free: (888) 660-4655
 Fax Toll Free: (888) 660-4113

Distributed by:

Web page: <http://www.mircom.com> Email: mail@mircom.com



CAT. 5505
 Rev. 4