BB-1001D
BB-1003D
BB-1002D

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

CATALOG NUMBER
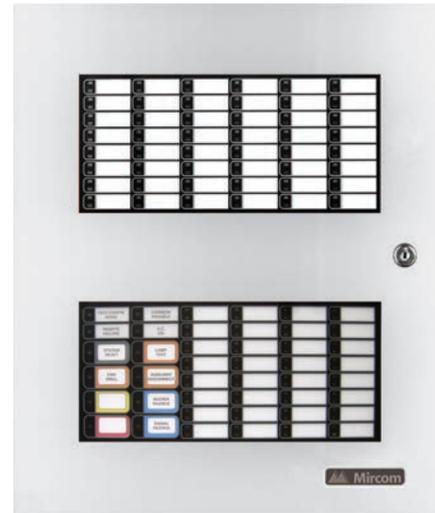# 5505

BB-1001D Semi-Flush Enclosure

The BB-1001D 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, RAXN-LCD, and RAXN-LCDG Annunciators.

BB-1001D

BB-1002D Semi-Flush Enclosure

The BB-1002D 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, RAXN-LCD, RAXN-LCDG, Main Annunciator Chassis and one RAX-1048TZDS Adder Annunciator Chassis.

BB-1002D

BB-1003D Semi-Flush Enclosure

The BB-1003D 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, RAXN-LCD, RAXN-LCDG, Main Annunciator Chassis and two RAX-1048TZDS Adder Annunciator Chassis.

NOTE: All BB-1000D Series Enclosures are available in a white colour for the Canadian market and a red exterior for the U.S. and International markets.
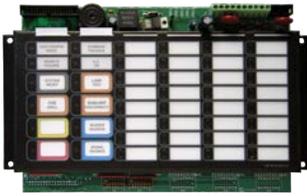
Dimensions
BB-1001D Enclosure: 9"H x 12.75"W x 1.85"D
BB-1002D Enclosure: 18"H x 12.75"W x 1.85"D
BB-1003D Enclosure: 26.4"H x 12.75"W x 1.85"D

BB-1003D

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RAM-1032TZDS

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.

RAX-1048TZDS

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.
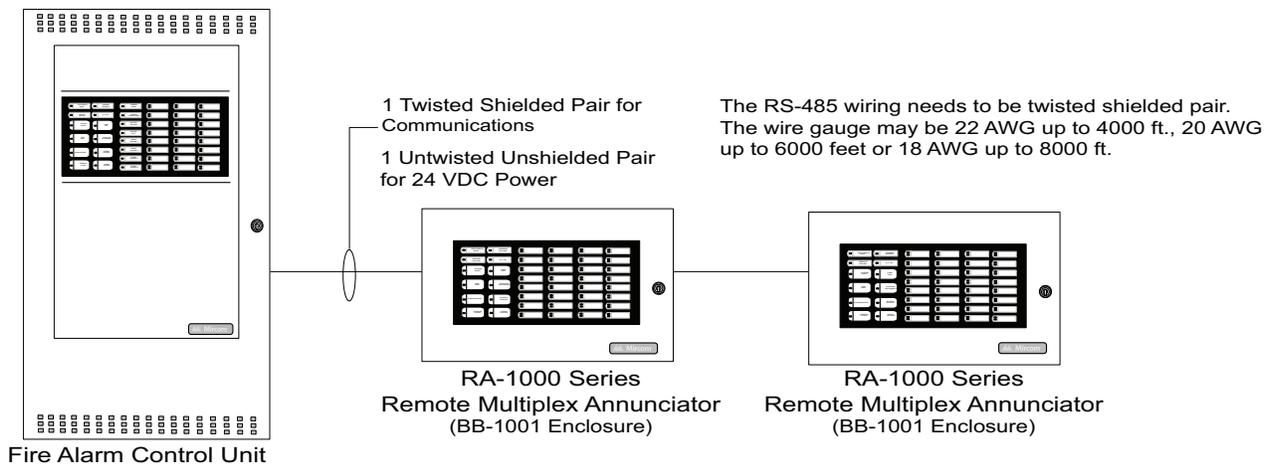
RAXN-LCD

The RAXN-LCD Remote Network LCD Annunciator is equipped with a large 4-line x 20-character back-lit alphanumeric LCD display that provides an exact replica of the main FleXNet fire alarm control panel display.

RAXN-LCDG

The RAXN-LCDG Remote Network Graphic LCD Annunciator is equipped with a 24 line x 40 character back-lit graphical LCD display that is used to display 9 events per page. Each event is displayed over 2 lines with 40 characters per line allowing emergency information to be displayed in easy to read format.

Typical Remote Annunciator Wiring Diagram

1 Twisted Shielded Pair for Communications

1 Untwisted Unshielded Pair for 24 VDC Power

The RS-485 wiring needs to be twisted shielded pair. The wire gauge may be 22 AWG up to 4000 ft., 20 AWG up to 6000 feet or 18 AWG up to 8000 ft.

Fire Alarm Control Unit

RA-1000 Series
Remote Multiplex Annunciator
(BB-1001 Enclosure)

RA-1000 Series
Remote Multiplex Annunciator
(BB-1001 Enclosure)

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
BB-1001D*	Annunciator backbox with keylock door (Houses 1 module)
BB-1002D*	Annunciator backbox with keylock door (Houses 2 modules)
BB-1003D*	Annunciator backbox with keylock door (Houses 3 modules)
RAM-1032TZDS	32 Zone Bi-Colored LED Annunciator
RAX-1048TZCS	48 Zone Bi-Colored LED Annunciator
RAXN-LCD	Remote Network LCD Annunciator
RAXN-LCDG	Remote Network Graphic LCD Annunciator

*For BB-1000D series on red versions, add the suffix R.

ISO 9001:2015
CERTIFICATION ™
Intertek

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