



## MINERVA® MX

SAM800 / SAB800 / SAB801

Sounder Base Addressable Modules

### Features

- Allows the 801/802/812/901 & 912 Sounder Base to become Addressable without the need to fit a Detector, thus creating an Addressable Loop Powered Sounder
- Suitable for wall or ceiling mounting
- Sounder Selection Tones as per 801/802/812/901 & 912 Sounder Base
- Fits the 801RB Relay Base to provide an Addressable Relay Base without the need to fit a Detector
- Colour matched to Sounder Bases
- Locked into Sounder Base using Detector Locking Pin
- SAM 800 is configurable in CONSYS
- SAB800 / SAB801 may be used with 5B or MUB bases
- SAB800 / SAB801 adds a Flashing Red Beacon facility to the 801/802/812/901 & 912 Sounder Base
- SAB801 Low current consumption (loop powered)
- SAB800 has two Modes of Operation - continuous or 2Hz flash, configurable in CONSYS
- SAB801 has two Modes of Operation - continuous or 1Hz flash, configurable in CONSYS

### Sounder Base Addressable Modules

The Sounder Base Addressable Modules (SAM800/SAB800/SAB801) are designed to control a loop powered sounder base for use with the MX system, two variants (SAB800/SAB801) includes an integral beacon. They may also be used to drive a relay base. The units are used to provide the address decoding in place of a detector, thus providing a loop powered sounder beacon when used in conjunction with a Sounder Base. These modules are colour matched to the sounder bases and are locked into the base using the locking device integral to the sounder base.

## Technical Specification SAM800

The SAM800 is suitable for wall or ceiling mounting as standard, but has no integral LED or remote LED drive.

### SAB800 / SAB801

The SAB800/SAB801 has a flashing beacon incorporated into the front with a red lens arrangement. It is designed for wall mounting either on a sounder base or on a conventional base.

When mounted 2 to 2.2m above ground level the beacon provides a high uniform intensity wide angle light output. The base orientation is not critical to the viewing of the beacon.

## Mechanical Characteristics

### Dimensions

SAM800	108 Diameter x 21.2 H mm
SAB800 / SAB801	108 Diameter x 32.0 H mm

Material	Body, cover and enclosure: FR1 10, 'BAYBLEND' flame retardant
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### Weight

SAM800	0.068Kg
SAB800/ SAB801	0.070Kg

## Environmental Characteristics

Operating Temperature	-10°C to +55°C
Storage Temperature	-25°C to +70°C
Relative Humidity	Up to 96% RH (non-condensing)
Pressure	Not pressure sensitive but Sounder output is quoted for atmospheric pressure of 1000mBar
Vibration	Designed to meet the requirements of EN54-3
Corrosion	The sounder addressable modules pass the SO2 corrosion test from EN54-3

## Electrical Characteristics

Supply Voltage	Addressable loop voltage 20-40Vd.c. polarity conscious
Standby Current	250uA typical
SAB800	11mA Flashing or continuous
SAB801	3.25mA Flashing or continuous
SAM800	250uA (+ associated Sounder / Relay current)

There is no additional current surge when SAB800/SAB801 switches between non flashing and flashing states.

## Optical

### Flasher Options

With the SAB800, two flasher options are made available:

- Continuously On - this is to enable the SAB800 to be used as a group indicator
- 2Hz flash - free running, no synchronisation between flasher units

These options may be selected in CONSYS

With the SAB801, two flasher options are made available:

- Continuously On - this is to enable the SAB800 to be used as a group indicator
- 1Hz flash - free running, no synchronisation between flasher units

These options may be selected in CONSYS

## Product Code Information

516.800.954	SAM800 Sounder Addressable Module
516.800.953	SAB800 Sounder Addressable Beacon
516.800.956	SAB801 Sounder Addressable Beacon (Low Power)

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