

# CASBB384

## Intelligent addressable sounder beacon base



The intelligent addressable sounder beacon base (CASBB384) can be used both with a sensor or as a stand alone device.

The CASBB384 is compatible with the Eaton range of intelligent addressable sensors and fire systems.

This device includes all the features of the intelligent addressable sounder base (CAS380) whilst also incorporating a powerful LED beacon.

The intelligent addressable base incorporates a sensor mounting base, a sensor can be fitted directly to the base, or alternatively an optional cover plate (CASC) can be used to provide a dedicated discreet stand alone device.

### Features and benefits

- Integral short circuit isolator
- Integral sensor mounting base
- Can be used with a sensor as a sounder beacon base or stand alone as a sounder beacon
- Cover plate (optional)
- Quick and simple to install
- First fix base
- Selectable tones controlled by the panel
- Adjustable volume controlled by the panel
- Single point connection for sensor, sounder and LED beacon (saving on both time and installation costs)
- Can be used with a sensor or stand alone
- Easy to maintain/service

## Technical specification

Code	CASBB384
Supply Voltage	18 – 32vdc
Cable Size / type	0.5 - 2.5mm/ FIRETUF, FP200 or MICC
Standby current	< 450 $\mu$ A
Operating temperature	-10 to +55 degrees C (95%RH)
Material	ABS/PC FR Plastic
Environment Category	Type A / IP21C
Sound output @ +/-3dB (set by panel)	Low volume : 83dB @ <6.6mA Medium volume : 90dB @ <8mA High volume : 93dB @ <9mA
Compliance	EN54-3 Fire Alarm Device – Sounder EN54-17:2005
Tones (set by panel)	Continuous 910Hz Pulsed 910 / 0Hz pulse 1Hz Two Tone 610 / 910Hz @ 1Hz cycle Slow whoop 500-1200Hz in 3.5 seconds / 0.5secs gap
Beacon	1Hz Flash
Total Loop Resistance for correct operation of short circuit isolator	50 $\Omega$ (max)
Parallel Fault Resistance to be seen at the Control Panel for isolators to open	200 $\Omega$ (typ)
Continuous Current allowable through isolator	700mA (max)
Isolator Resistance in closed state	0.26 $\Omega$ (max)
Leakage Current into direct short circuit with isolator open	14mA (max)
Voltage at which isolator changes from open to closed or closed to open state	3.8V to 11V
Maximum switching current of isolator	1.5A

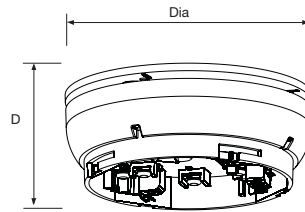
## Installation

1. Installation is simple using first fix base.
2. First fix base is fixed to mounting surface via 2 fixings holes.
3. Cables enter through aperture in base (rear entry only)
4. Main body is then clipped into place on base, main body locks into place when pressed into position.
5. Cables pass through aperture in sounder body and terminate at the front.
6. Connections are to connector block on front of main sounder body.

## System functionality

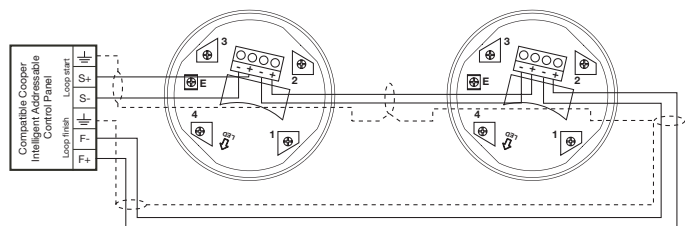
1. Volume and tone are set by control panel, no need to access sounder to alter setting.
2. Soft addressed.

## Dimensions



Dia (mm)	D (mm)
115	44

## Standard connections



**WARNING:**  
Do NOT use high voltage testers if ANY equipment is connected to the system.  
Earth screen must be continuous along entire length of loop.

**NOTE:**  
Base terminal 1, 2, 3 and 4 not used. All wiring terminates as shown above.

## Catalogue numbers

Description	Code
Sounder beacon base	CASBB384
Optical smoke sensor	CAP320
Photo/thermal sensor	CAPT340
Multi-mode heat sensor	CAH330
Cover plates (pack of 5)	CASC