

# Addressable socket sounder BBR-110

Interactive fire detection systems  
Product datasheet

## Features

- Detector base with addressable sounder intended for use with interactive detectors
- Loop powered
- Synchronised phased start
- Short-circuit isolator in each unit
- Automatic addressing
- High sound output
- Configurable sound pattern

## Applications

**BBR-110** is a combined detector base and addressable sounder designed for use with Autronica's interactive fire detection systems. The sounder is loop powered. The sound output/current consumption ratio is extremely good.

The sounder can produce different advanced sound patterns according to configuration.

All sounders within the same loop will have synchronized sound outputs, so two sounders located near each other will be perceived as one.

**BBR-110** can be used with loop drivers BSD-310 and BSD-311.

For the BSD-310, the following applies:  
When sounders are used, there can be a total of 99 loop units on the loop, of which there can be a maximum of 20 sounders.

For the BSD-311, the following applies:  
When sounders are used, there can be a total of 99 loop units on the loop, of which there can be a maximum of 40 sounders.

The exact numbers may vary according to which other units are connected to the detector loop.

**BBR-110** accommodates the decibel level for alarm devices, and has an 86-decibel sound output at one metre.

**BBR-110** is suitable for areas where local alarms are needed, and where it is necessary to have alarm delays. Typical applications include: bedrooms, hospital rooms, hotel rooms and cabins.



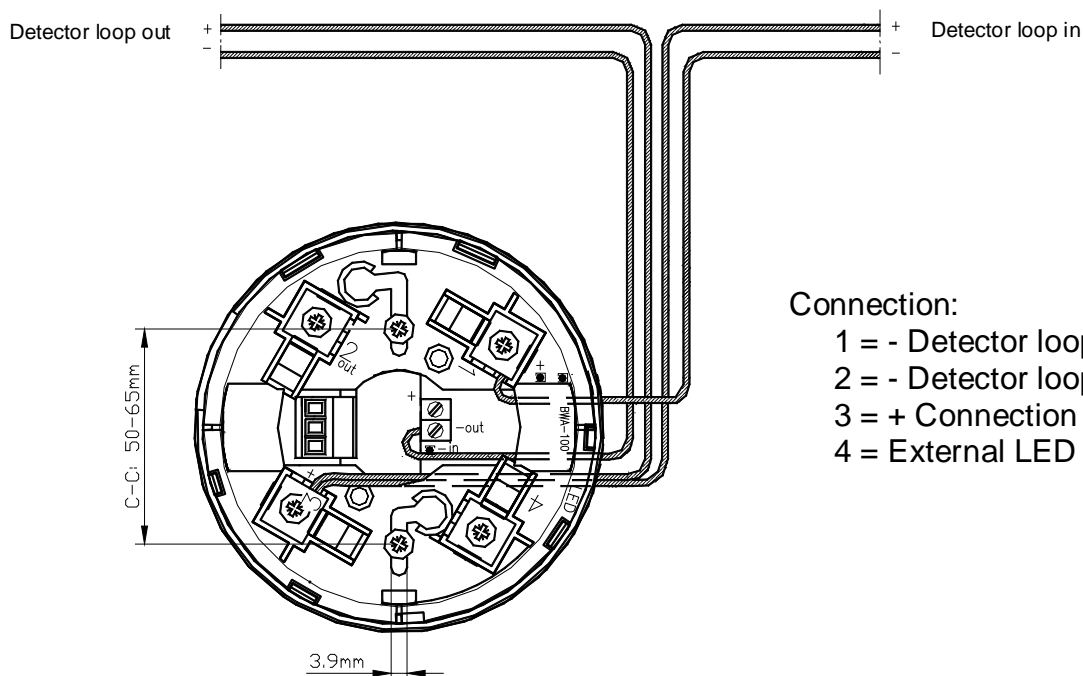
This product contains static-sensitive devices.

## Technical specifications

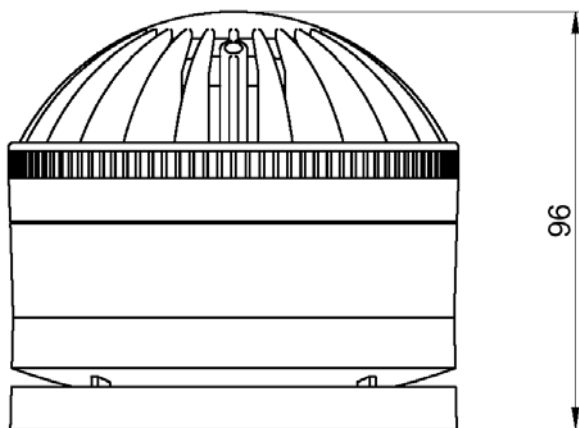
Weight	140 g
Size	103mm Ø 96mm H
Material	Polycarbonate/ABS
Colour	Light grey
Operating temperature	-15° to +70°C
Supply voltage	14 – 27VDC
Sound output at one meter	Normally 86 db at 24VDC
Current consumption	3mA (alarm)
Ingress protection	IP20
Maintenance	None
Service	Replace if faulty

Part number	Description
116-BBR-110	Addressable socket sounder

Connections and Dimensions



- Connection:
- 1 = - Detector loop in
  - 2 = - Detector loop out
  - 3 = + Connection (in/out)
  - 4 = External LED (+ to 3 and - to 4)



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