Axis EN

Conventional Photoelectric Smoke Detector

The Conventional Photoelectric Smoke Detector is a cost effective and aesthetically pleasing, non-addressable optical smoke detector.

These detectors are designed for open area protection and provide the earliest warning of fire, whilst utilising an advanced symmetrical chamber design.

A patented moulding profile helps to enhance long term stability by removing airborne contamination before it can enter the sensing chamber and offers immunity to ambient light into the detector to ensure reliability and a high level of unwanted alarm rejection.

A centrally positioned LED indicator provides 360° visibility of detector activation and an in-built magnet test feature allows easy activation to verify operation of the detectors.

A custom ASIC provides superior and reliable detection performance whilst reducing the problems of false alarms.



Standards and Approvals

- EN54-7:2018
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Features

- Double dust trap protects the smoke chamber from contamination
- Central LED providing 360˚ visibility
- Magnetic test feature
- Anti-Tamper locking feature
- Robust and reliable
- 3 year warranty

Specification

Operating Voltage	10-30V DC
Stand by Current	60 uA @ 24V DC
Alarm Current	40mA (externally limited)
LED Current Consumption	20mA (externally limited)
Operating Temperature Range	-30˚C / +70˚C (no condensation)
Humidity (no condensing)	95% RH (no condensation)
Dimensions (with Base)	110 x 54 mm

Order Codes and Options

20-AS1000-ADV:	Photoelectric Smoke Detector

20-ABR100-ADV:	Universal resistor base
20-ABDR100-ADV:	Universal resistor + diode base
20-ABSR100-ADV:	Deep resistor base

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Axis EN

Conventional Class A1R (ROR) Heat Detector

The S3500/A1R is a cost effective and aesthetically pleasing, non-addressable rate of rise heat detector.

These detectors are designed for open area protection and provide the best warning of fire in locations which are not suitable for smoke detection technologies.

A centrally positioned LED indicator provides 360° visibility of detector activation and an in-built magnet test feature allows easy activation to verify operation of the detectors.

A custom ASIC provides superior and reliable detection performance whilst reducing the problems of false alarms.



Approvals

- EN54-5:2017 +A1:2018
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Features

- Central LED providing 360˚ visibility
- Magnetic test feature
- Anti-Tamper locking feature
- Robust and reliable
- 3 year warranty

Specification

Operating Voltage	10-30V DC
Stand by current	60 uA @ 24V DC
Alarm current	40mA (externally limited)
LED current consumption	20mA (externally limited)
Operating Temperature Range	-30˚C / +70˚C (no condensation)
Humidity (no condensing)	95% RH (no condensation)
Dimensions (with base)	110 x 54 mm

Order Codes and Options

20-AS3500-ADV A1R:	Class A1R Rate Of Rise Heat Detector

20-ABR100-ADV:	Universal resistor base
20-ABDR100-ADV:	Universal resistor + diode base
20-ABSR100-ADV:	Deep resistor base

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Conventional Class B Heat Detector

The Conventional Class B Heat Detector is a cost effective and aesthetically pleasing, non-addressable fixed temperature heat detector.

These detectors are designed for open area protection and provide the best warning of fire in locations which are not suitable for smoke detection technologies.

A centrally positioned LED indicator provides 360° visibility of detector activation and an in-built magnet test feature allows easy activation to verify operation of the detectors.

A custom ASIC provides superior and reliable detection performance whilst reducing the problems of false alarms.



Approvals

- EN54-5:2017 +A1:2018
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Features

- Central LED providing 360º visibility.
- Magnetic test.
- Anti-tamper locking feature.
- Robust and reliable.
- 3 year warranty.

Specification

Operating Voltage	10-30V DC
Average standby current	60 uA @ 24V DC
Maximum allowed alarm current	40mA (externally limited)
Maximum allowed remote device current	20mA (externally limited)
High temperature alarm threshold (class B)	78˚C
Operating Temperature Range	-30˚C / +70˚C
Humidity (no condensation)	95% RH
Dimensions (with base)	110 x 54 mm

Order Codes and Options

20-AS3500/B-ADV:	Conventional Class B Thermal Detector

20-ABR100-ADV:	Universal resistor base
20-ABDR100-ADV:	Universal resistor + diode base
20-ABSR100-ADV:	Deep resistor base

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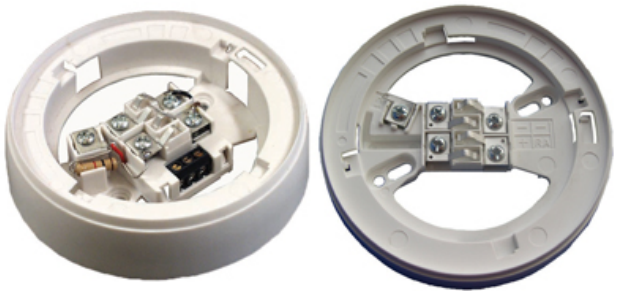
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Conventional Detector Bases

Specification

Material	ABS
Base diameter	110mm
Operating Temperature Range	-20˚C / +65˚C
Humidity (non condensing)	95% RH
Terminal connection	Maximum 2.5mm2



Order Codes and Options

20-ABR100-ADV:	Universal resistor base
20-ABDR100-ADV:	Universal resistor+diode base
20-ABSR100-ADV:	Deep resistor base

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Advanced

Axis EN

Conventional Resettable Manual Call Point

The Resettable Call Point is a unique manual call point that mimics the feel of breaking glass whilst offering the user the benefits and environmental advantages of a re-settable operating element.

The 'ReSet' uses a simple yet ingenious patented mechanism which consists of a rigid plastic operating element and an over centre spring mechanism. This arrangement provides real action on operation and simulates break glass activation.

An activation indicator drops into view at the top of the window after the 'ReSet' has been operated. The unit is then simply reset with a key and is ready for re-use straight away.

Applications

The 'ReSet' call point is compatible with most conventional fire alarm systems. It is safe for use in areas where glass cannot be used, e.g. food processing plants and swimming/leisure centres.

As the unit can be simply reset it provides an ideal solution for areas that suffer from a high number of false activations such as schools, shopping centres and other public places.

Two options are available

- **Series 01** - Conventional Fire Model with 470 & 680 Ohm internal resistors. Available in Red only
- **Series 02** - Single Pole Changeover. Available in Yellow, White, Green, Orange



Approvals

- EN54-11:2001 +A1:2005 (08-RP-RD2-01 only)

Features

- Glass appearance maintains operator deterrence
- Positive activation that mimics the feel of breaking glass
- Visible warning flag confirms activation
- Simple key to reset operating element - no broken glass
- No glass elements to break, loose or incorrectly fit during installation
- Complete functional test with every activation
- Extremely attractive, high value look and feel
- Built to meet requirements of IP2X

Specification

Current Rating	• All Series: 1 Amp 12-24V DC • Series 02: 3 Amps 125 - 250V AC
Built-in Resistor Values (Series 01 only)	470Ω (R1) and 680Ω (R2)
Housing and Mounting Box Material	Polycarbonate
Electrical Contact Material	Silver Plated Brass
Operating Temperature	-20°C to +65°C
Installation Terminal Conductor Size	0.5mm - 2.5mm
Colours	• Red (Series 01) • Yellow, White, Green, Orange (Series 02)
Mounting	Dual mount, for flush- or surface-mount with back box
Dimensions	87 x 87 x 23mm (flush-mount) or 87 x 87 x 58mm (surface-mount)

Order Codes and Options

08-RP-RD2-01	ReSet Manual Call Point - Red (Series 01) with 'House Flame' logo. Dual mount (Surface or Flush)
08-RP-GD2-02	ReSetManual Call Point - Green (Series 02) with 'Running Man' logo. Dual mount (Surface or Flush)
08-RP-YD2-02	ReSetManual Call Point - Yellow (Series 02) with self-assemble label. Dual mount (Surface or Flush)
08-RP-WD2-02	ReSetManual Call Point - White (Series 02) with self-assemble label. Dual mount (Surface or Flush)
08-RP-OD2-02	ReSetManual Call Point - Orange (Series 02) with self-assemble label. Dual mount (Surface or Flush)
08-RP-K/10	Spare ReSet Key (pack of 10) - Black

Self-assemble Label options



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Advanced

Axis EN

Conventional Waterproof Resettable Manual Call Point

The Waterproof Resettable Call Point is a unique manual call point that mimics the feel of breaking glass whilst offering the user the benefits and environmental advantages of a re-settable operating element.

The 'ReSet' uses a simple yet ingenious patented mechanism which consists of a rigid plastic operating element and an over centre spring mechanism. This arrangement provides real action on operation and simulates break glass activation.

An activation indicator drops into view at the top of the window after the ‘ReSet’ has been operated. The unit is then simply reset with a key and is ready for re-use straight away.

The waterproof ReSet has been designed to deal with today's difficult and harsh environments and is compatible with most conventional fire alarm systems.

It is ideal for all outside applications such as oil rigs, ships, factory's as well as wash down areas that are sensitive to broken glass.



Approvals

- EN54-11:2001 +A1:2005 (08-WRP2-R-01 only)

Features

- IP67 Waterproof
- Glass appearance maintains operator deterrence
- Positive activation that mimics the feel of breaking glass
- Visible warning flag confirms activation
- Simple key to reset operating element – no broken glass
- No glass elements to break, lose or incorrectly fit during installation
- Complete functional test with every activation
- Extremely attractive, high value look and feel
- Low profile, heavy-duty terminations – Two built-in resistor values
- Available in Red, Yellow & White

Specification

Current Rating	All series: 3 Amps 12-24V DC. Series 2: 6 Amps 125-250V AC
Housing and Mounting Box Material	Polycarbonate
Electrical Contact Material	Silver plated brass
Operating Temperature	-20˚C to +65˚C
Installation Terminal Conductor Size	0.5mm – 2.5mm
Colours	Red, Yellow, White
Mounting	Surface with back box
Dimensions (H x W x D)	90 x 89 x 72 mm

Order Codes and Options

08-WRP2-R-01:	Red
08-WRP2-Y-02:	Yellow
08-WRP2-W-02:	White

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Axis EN

Conventional Wall Sounder Visual Alarm Device

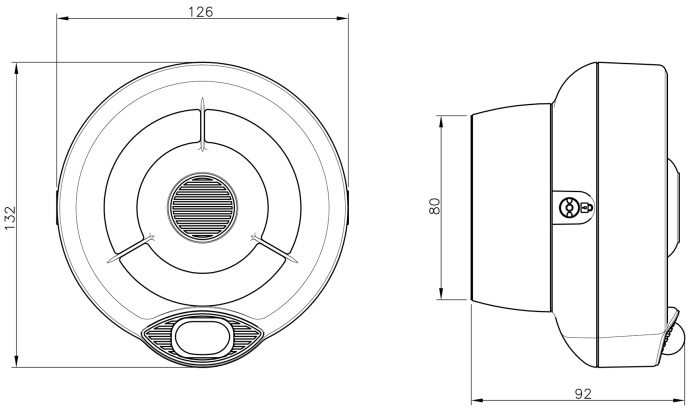
The Axis conventional wall sounder visual alarm device (VAD) can be used as either a standalone conventional device or as a loop powered addressable unit with the addition of an intelligent addressable wall sounder module (Axis-WSM). All devices are weatherproof to IP65.

The unit is equipped with 4 levels of volume adjustment, a high output LED beacon and 32 recognised tones which can be set via the dip switch at the sounder.



Features

- Flexible modular design
- Approved for outdoor use to EN54-3 (Type B) and EN54-23
- 32 tone settings
- Two stage alarm capability
- Weatherproof to IP65
- Easy to install
- High sound output capability
- Silent sounders setting for beacon-only use
- 4 adjustable volume settings
- Available in red or white



Standards and Approvals

- EN54:3:2001 +A1:2002 +A2:2006
- EN54-23:2010
- EN 61000-6-3:2007 +A1:2011
- EN 50130-4:2011 +A1:2024
- EN 50581:2012

Approved by BRE/LPCB and certified by the UAE Civil Defence

Specification

Power supply	15 to 40 Vdc
Activated current load (high vol)	11-25 mA at 24 Vdc
Operating temperature range	-25°C to +70°C
Max humidity (non condensing)	95% RH
Acoustic frequency range	400-2900 Hz
Maximum acoustic output	100dBA @ 1m

Visual alarm device frequency	0.5 Hz or 1 Hz
Dimensions (H x W x D)	132 x 126 x 92 mm
Weight (inc back box)	290 g
IP Rating	65
EN54-23 classification	W-2.5-7

Order Codes and Options

AXIS-CWSV	Conventional Wall Sounder Visual Alarm Device (red)
AXIS-CWSV/WH	Conventional Wall Sounder Visual Alarm Device (white)
AXIS-WSM	Wall Sounder Module

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Axis EN

Conventional Wall Sounder

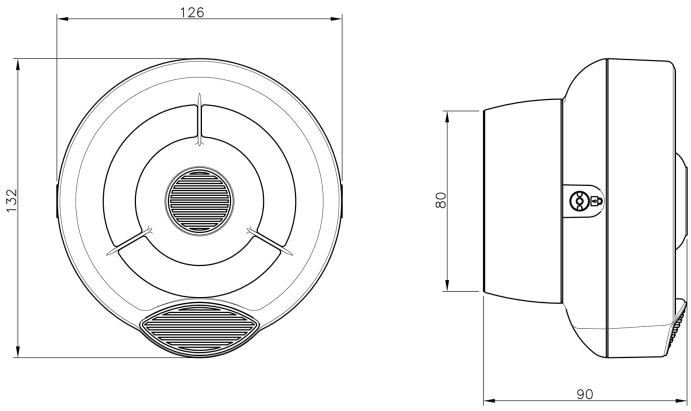
The Axis conventional wall sounder can be used either as a standalone conventional device or as a loop powered addressable unit with the addition of an intelligent addressable wall sounder module (Axis-WSM). All devices are weatherproof to IP65.

The unit is equipped with 4 levels of volume adjustment and 32 recognised tones which can be set via the dip switch at the sounder.



Features

- Flexible modular design
- Approved for outdoor use to EN54-3 (Type B)
- 32 tone settings
- Two stage alarm capability
- Weatherproof to IP65
- Easy to install
- High sound output capability
- 4 adjustable volume settings
- Robust with high reliability
- Available in red or white



Standards and Approvals

- EN54:3:2001 +A1:2002 +A2:2006
- EN54-23:2010
- EN 61000-6-3:2007 +A1:2011
- EN 50130-4:2011 +A1:2024
- EN 50581:2012

Approved by BRE/LPCB and certified by the UAE Civil Defence

Specification

Power supply	15 to 40 Vdc
Activated current load (high vol)	5-8 mA at 24 Vdc
Operating temperature range	-25°C to +70°C
Max humidity (non condensing)	95% RH
Acoustic frequency range	400-2900 Hz
Maximum acoustic output	100dBA @ 1m
Dimensions (H x W x D)	132 x 126 x 90 mm

Weight (inc back box)	290 g
IP Rating	65

Order Codes and Options

AXIS-CWS	Conventional Wall Sounder (red)
AXIS-CWS/WH	Conventional Wall Sounder (white)
AXIS-WSM	Wall Sounder Module

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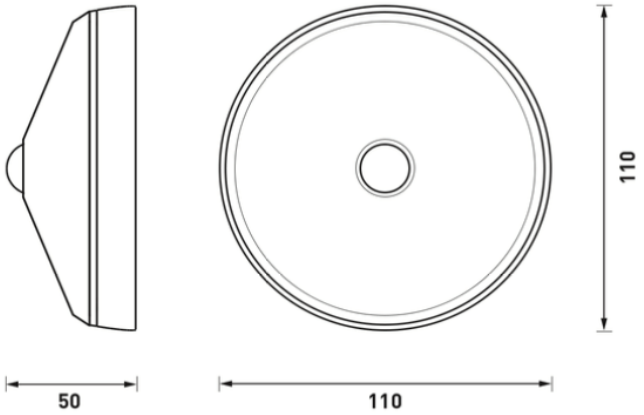
Conventional Ceiling Mounted Beacon (EN54-23)

The Conventional Ceiling Mounted Beacon is a high-intensity Visual Alarm Device (VAD). The unit is ideal for providing a warning signal in areas where sounders are not practical such as noisy environments or where sounders are not appropriate such as hospital theatres.

Fitting the device is by use of a standard detector base mounted on the ceiling where it has been third party approved to the requirements of EN54-23.



Dimensions



Features

- Low power, high output LED technology
- Coverage radius of 7.5m when installed at a ceiling height of 3m
- Flash rate of 0.5Hz (1 every 2 seconds)
- Anti-tamper lock to prevent unauthorized removal
- 3rd Part approved EN54-23
- Easy central cable entry
- Utilises a standard detector base
- High intensity white coloured LED

Listings and Approvals

- EN 54-23:2010

Specification

Loop Voltage	15Vdc - 40Vdc
Activated Current	10 mA at 24Vdc
Dimensions W x H	110mm x 50mm
IP Rating	21
Weight	120 g
Operating Temperature (no icing)	-10ºC to +55ºC
Max Humidity (non condensing)	95% RH
LED Colour	White

Wiring Diagram

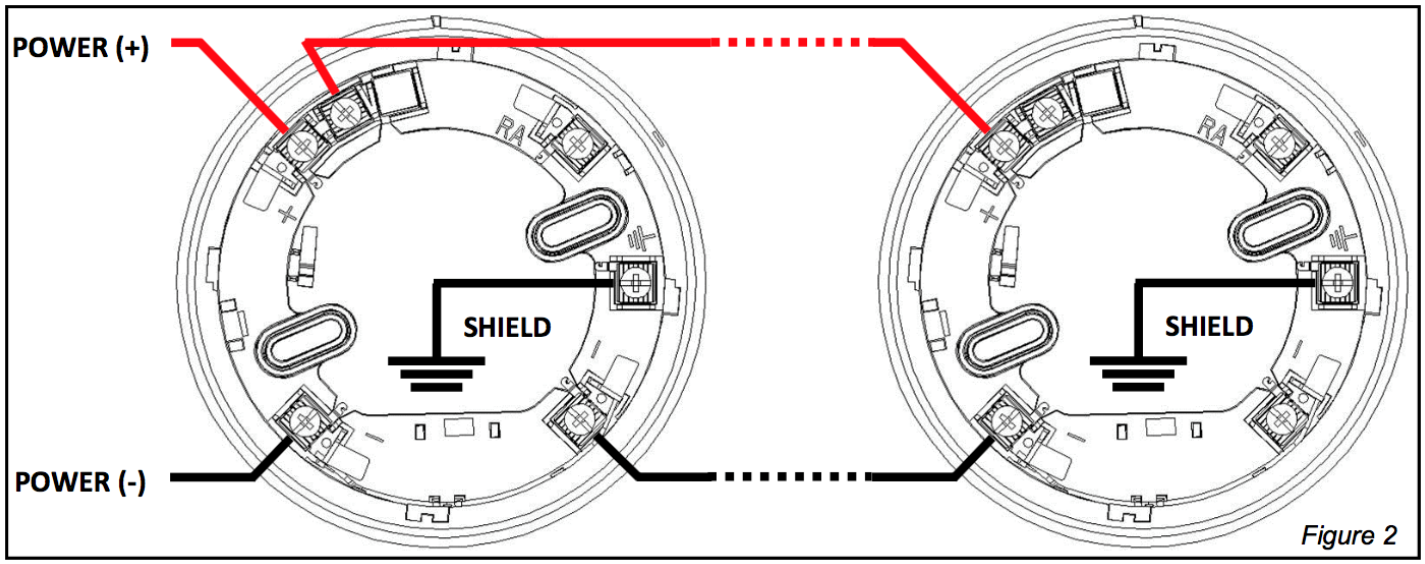


Figure 2

Order Codes and Options

20-CBE1002	Conventional Ceiling Mounted Beacon (EN54-23)

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Axis EN

Conventional Base Sounder with White or Red VAD

The Conventional Base Sounder is compatible with Axis EN control panels and requires a suitable host detector.

Following the triggering of an alarm condition on the host detector, the base sounder activates the acoustic output that has been selected.

The sounder also emits either a white or red visual signal.



Features

- Sound diffuser cone
- Pre-cut holes for screwing the bracket to the ceiling
- Fixing pins
- Adapter base for the host detector
- Selector for the acoustic tone and volume
- Loop cables passage
- VAD output
- Approved to:
  - EN54-3:2001 +A1:2002 +A2:2006
  - EN54-23:2010
  - EN 61000-6-3:2007 +A1:2011
  - EN 50130-4:2011 +A1:2014

Specification

Voltage range	From 16 to 40 Vdc (typical 24 Vdc)
Max load current 24 Vdc applied, high volume selected	21 mA
Ambient temperature range	-10°C to +55°C
Acoustic output frequency range (all tones)	From 440 to 2900 Hz
Maximum acoustic intensity - tone 1, 2, 3 and 4 only	92.6 dB(A)
Maximum tolerated humidity	95% RH (without condensation)
VAD's signal frequency	0.5 Hz

VAD typical flash coverage set to high power	C 3 - 14.2 and O 4.6 - 14.2
VAD typical flash coverage set to low power	C 3 - 9.2
VAD's signal colour	white
IP rating	21C
Weight	210 g

Order Codes and Options

20-VC-BSB-23W-01:	Conventional Base Sounder with White VAD
20-VC-BSB-23R-01:	Conventional Base Sounder with Red VAD

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Axis EN

Conventional Remote Indicator

The conventional remote indicator can be connected to the Axis EN detector base to provide the remote indicator functionality.

The typical application is for outside rooms fitted with fire detection or below loft or voice areas fitted with AFD devices.

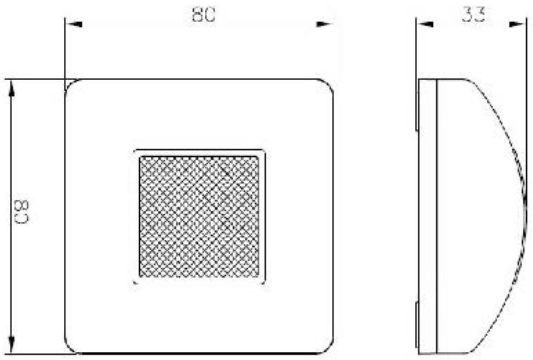


Features

- Low profile design
- Red indicator
- Compatible with the full range of Axis EN wired fire detectors with remote alarm indicators (conventional and intelligent)
- No programming required

Standards and approvals

- EN 50130-4:2011
- EN 61000-6-3:2017 +A1:2011
- EN 50130-4:2011 +A1:2014
- EN IEC 63000:2018



Specification

Operating voltage	15 VDC - 40 VDC
Average current	4.5mA @ 24 VDC
Dimensions	80 mm x 80 mm x 27 mm
Weight	30 g
Cable size	0.5 - 2.5 mm^2
Operating temperature (no icing)	-10ºC to +55ºC
Max humidity (non condensing)	95% RH
IP rating	42

Order Codes and Options

20-FI100-ADV	Conventional Remote Indicator

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Axis EN

Sonos Sounders

A general purpose electronic sounder for fire, security and industrial applications; the Sonos Sounder is certified to EN54.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head 'twists and clicks' into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

With a choice of 32 tones, including all the major international standards, the Sonos Sounder has universal acceptance.

Deep base units have weatherproof protection to IP65 and can be used in all locations both indoors and outdoors.

Sonos Sounder units are available in either red or white and with a choice of deep or shallow TimeSaver base.



Features

- Simple 'First Fix' installation (no second fix wiring)
- Quick connect/disconnect
- Tone and volume can be preset or adjusted off-base
- Synchronised alarm tones
- Volume control - 20dB
- LPCB, VDS & NF approved

Specification

IP Rating	IP65 (Deep base)
Rating	Continuous
Frequency	400-2850Hz
Operating Temp.	-25°C to +70°C
Construction	Flame Retardant Polycarbonate
Audibility at 1M Tones (tone dependent)	Up to 106dB (A)
Voltage	9-60V_{DC} EN54 compliant at 17-60V_{DC}
Tones	32
Current (Tone dependent)	4-41mA
Cable Entries	Deep Base:2 * 20mm cable glands
Weight	215g (Shallow base) 250g (Deep base)
Compliance	EN54-3 Type A (Shallow base) EN54-3 Type B (Deep Base)

Order Codes and Options

08-PSS-0003:	Sonos Red sounder (PSS-0084) with shallow Red base (PSO-0001)
08-PSS-0039:	Sonos White sounder (PSS-0089) with shallow White Base (PSO-0006)
08-PSS-0020:	Sonos Red sounder (PSS-0084) with deep Red base (PSO-0003)
08-PSS-0050:	Sonos White sounder (PSS-0089) with deep White base (PSO-0007)

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Axis EN

Sonos Sounder Beacon

A general purpose electronic sounder for fire, security and industrial applications; the Sonos Sounder Beacon is certified to EN54.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head 'twists and clicks' into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

With a choice of 32 tones including all the major international standards, the Sonos Sounder Beacon has universal acceptance.

The Sonos Sounder Beacon utilises a full faced, translucent sounder case rather than a separate add-on beacon giving a much larger lens and a greater spread of light.



Features

- Low current LED beacon
- Simple 'First Fix' installation (no second fix wiring)
- No locking screw required
- Tone and volume can be preset adjusted off-base - 20dB
- Waterproof to IP65 (Deep base units)
- Sounder and beacon can be controlled separately
- Approved to:
  - EN54-3:2001 +A1:2002 +A2:2006
  - EN 61000-6-3:2007
  - EN 50130-4:1996 +A1:1998 +A2:2003

Specification

IP Rating	IP65 (Deep base)
Rating	Continuous
Frequency	400-2850Hz
Operating Temp	-25°C to +70°C
Construction	Flame Retardent Polycarbonate
Audibility at 1M Tones (Tone dependent)	Up to 106dB (A)
Voltage	9-60 VDC
Tones	32
Current	Sounder: 4-45mA. Beacon: 5mA
Cable Entries	Deep Base: 2 * 20mm cable glands
Weight	215g (Shallow base) 250g (Deep base)
Compliance	EN54-3 Type A (Shallow base) EN54-3 Type B (Deep base)

Order Codes and Options

08-PSC-0002:	Sonos sounder beacon with Red lens (PSS-0068) with shallow Red base (PSO-0001)
08-PSC-0013:	Sonos sounder beacon with Red lens (PSS-0068) with deep Red base (PSO-0003)

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Sonos LED Beacon

A general purpose beacon for fire, security and industrial applications.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The beacon head 'twists and clicks' into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

Deep base units have weatherproof protection to IP65 and can be used in all locations both indoors and outdoors.

The Sonos Beacon utilises a full faced, translucent sounder case which provides a much larger lens and a greater spread of light.

Sonos Beacon units have a red colour base as standard and a red lens.



Features

- High output LED beacon for bright notification
- Simple ‘First Fix’ installation (no second fix wiring)
- Weatherproof to IP65 (deep base units)
- Synchronised flash

Specification

IP Rating	IP21 (Shallow base), IP65 (Deep base)
Operating Temp	-25°C to +65°C
Construction	Flame Retardant Polycarbonate
Voltage	10-60 VDC
Current @24V	55mA
Cable Entries	2 x 20mm cable glands (Deep base)
Weight	0.22kg (Shallow base), 0.25kg (Deep base)

Order Codes and Options

08-PSB-0221:	Sonos LED beacon with Red lens and shallow base
08-PSB-0226:	Sonos LED beacon with Red lens and deep base

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Axis EN

Sonos Pulse Ceiling Beacon

A general purpose range of visual alarm devices, suitable for fire, security and industrial applications; the Sonos Pulse Beacon is designed to comply with EN54-23.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head 'twists and clicks' into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

The electronic design maximises system efficiency by minimising power consumption, also eliminating power surges during start up.

The Sonos Pulse VADs protect everyone including people prone to photosensitive epilepsy.

The Sonos Pulse ceiling mounted devices deliver an EN54-23 approved coverage pattern of C-3-15. Each Sonos Pulse wall mounted device can be mounted up to 3M high and provide a 15M cylinder diameter coverage, which can cover a 10.6M by 10.6M square room with a single device.



Features

- Approved to EN54-23
- Simple 'First Fix' installation (no second fix wiring)
- Synchronised flash
- No surge current
- Choice of White or Red
- Waterproof to IP65 (Deep base units)

Specification

IP Rating	IP65 (Deep base)
Frequency	0.5/1Hz
Operating Temp	-25°C to +70°C
Construction	Flame Retardent Polycarbonate
Voltage	17-60V_{DC}
Current (0.5Hz)	20mA
Current (1Hz)	40mA
Cable Entries	Deep Base: 2 * 20mm cable glands
Weight	240g (Shallow base) 290g (Deep base)
Compliance	EN54-23: C-3-15 (Ceiling)

Order Codes and Options

08-ESB-5005:	Sonos Pulse ceiling beacon with White deep base and White flash
08-ESB-5006:	Sonos Pulse ceiling beacon with White shallow base and White flash
08-ESB-5007:	Sonos Pulse ceiling beacon with Red deep base and White flash
08-ESB-5008:	Sonos Pulse ceiling beacon with Red shallow base and White flash

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W: www.advancedco.com

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Sonos Pulse Ceiling Sounder Beacon

A general purpose range of visual alarm devices, suitable for fire, security and industrial applications; the Sonos Pulse Sounder Beacon is designed to comply with EN54-23.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head 'twists and clicks' into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

The electronic design maximises system efficiency by minimising power consumption, also eliminating power surges during start up.

The Sonos Pulse VADs protect everyone including people prone to photosensitive epilepsy.

The Sonos Pulse ceiling mounted devices deliver an EN54-23 approved coverage pattern of C-3-15. Each Sonos Pulse wall mounted device can be mounted up to 3M high and provide a 15M cylinder diameter coverage, which can cover a 10.6M by 10.6M square room with a single device.



Features

- Approved to EN54-23
- Simple 'First Fix' installation (no second fix wiring)
- Synchronised flash
- No surge current
- Choice of White or Red
- Waterproof to IP65 (Deep base units)

Specification

IP Rating	IP65 (Deep base)
Frequency	0.5/1Hz
Operating Temp	-10°C to +55°C
Construction	Flame Retardent Polycarbonate
Voltage	17-60V_{DC}
Current (0.5Hz)	25.1mA
Current (1Hz)	45.1mA
Cable Entries	Deep Base: 2 * 20mm cable glands
Weight	240g (Shallow base) 290g (Deep base)
Sound Output	94-97dBA
Compliance	EN54-23: C-3-15 (Ceiling)

Order Codes and Options

08-ESC-5005:	Sonos Pulse ceiling sounder beacon with White deep base and White flash
08-ESC-5006:	Sonos Pulse ceiling sounder beacon with White shallow base and White flash
08-ESC-5007:	Sonos Pulse ceiling sounder beacon with Red deep base and White flash
08-ESC-5008:	Sonos Pulse ceiling sounder beacon with Red shallow base and White flash

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Sonos Pulse Wall Beacon

A general purpose range of visual alarm devices, suitable for fire, security and industrial applications; the Sonos Pulse Beacon is designed to comply with EN54-23.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head 'twists and clicks' into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

The electronic design maximises system efficiency by minimising power consumption, also eliminating power surges during start up.

The Sonos Pulse VADs protect everyone including people prone to photosensitive epilepsy.

The Sonos Pulse wall mounted devices deliver an EN54-23 approved coverage pattern of W-3.1-11.3. Each Sonos Pulse wall mounted device can be mounted up to 3.1M high and cover an 11.3M by 11.3M square room with a single device.



Features

- Approved to EN54-23
- Simple 'First Fix' installation (no second fix wiring)
- Synchronised flash
- No surge current
- Choice of White or Red
- Waterproof to IP65 (Deep base units)

Specification

IP Rating	IP65 (Deep base)
Frequency	0.5/1Hz
Operating Temp	-25°C to +70°C
Construction	Flame Retardent Polycarbonate
Voltage	17-60V_{DC}
Current (0.5Hz)	20mA
Current (1Hz)	40mA
Cable Entries	Deep Base: 2 * 20mm cable glands
Weight	240g (Shallow base) 290g (Deep base)
Compliance	EN54-23: W-3.1-11.3 (Wall)

Order Codes and Options

08-ESB-5001:	Sonos Pulse wall beacon with White deep base and White flash
08-ESB-5002:	Sonos Pulse wall beacon with White shallow base and White flash
08-ESB-5003:	Sonos Pulse wall beacon with Red deep base and White flash
08-ESB-5004:	Sonos Pulse wall beacon with Red shallow base and White flash

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Sonos Pulse Wall Sounder Beacon

A general purpose range of visual alarm devices, suitable for fire, security and industrial applications; the Sonos Pulse Sounder Beacon is designed to comply with EN54-23.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head 'twists and clicks' into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

The electronic design maximises system efficiency by minimising power consumption, also eliminating power surges during start up.

The Sonos Pulse VADs protect everyone including people prone to photosensitive epilepsy.

The Sonos Pulse wall mounted devices deliver an EN54-23 approved coverage pattern of W-3.1-11.3. Each Sonos Pulse wall mounted device can be mounted up to 3.1M high and cover an 11.3M by 11.3M square room with a single device.



Features

- Approved to EN54-23 & EN54-3
- Simple 'First Fix' installation (no second fix wiring)
- Synchronised flash
- No surge current
- Choice of White or Red
- Waterproof to IP65 (Deep base units)

Specification

IP Rating	IP65 (Deep base)
Frequency	0.5/1Hz
Operating Temp	-10°C to +55°C
Construction	Flame Retardent Polycarbonate
Voltage	17-60V_{DC}
Current (0.5Hz)	25.1mA
Current (1Hz)	45.1mA
Cable Entries	Deep Base: 2 * 20mm cable glands
Weight	240g (Shallow base) 290g (Deep base)
Sound Output	94-97dBA
Compliance	EN54-23: W-3.1-11.3 (Wall) EN54-3

Order Codes and Options

08-ESC-5001:	Sonos Pulse wall sounder beacon with White deep base and White flash
08-ESC-5002:	Sonos Pulse wall sounder beacon with white shallow base and White flash
08-ESC-5003:	Sonos Pulse wall sounder beacon with Red deep base and White Flash
08-ESC-5004:	Sonos Pulse wall sounder beacon with Red shallow base and White flash

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VSO-32E sounder base

The VSO-32E sounder base is for use with conventional fire alarm systems, including SAV-WIRE® two wire and is designed to accept most leading detector bases and offers a cost-effective solution to sounder installation. The low-profile sounder is supplied with 32 tones, along with a two-stage alarm override which is activated by a third negative wire from the fire panel.

All tones have been selected to comply with the latest sound patterns and frequencies used throughout the world. All tone options are fully synchronised. This sounder has been fully approved to EN54 Part 3 by the LPCB and VdS on tones 1, 3, 11, 25 and 27.

When a detector is not being mounted to the sounder a blank cover plate is available so that the unit can be used as a standalone sounder.



Features

- 32 tones plus a selectable override tone
- Switch-selectable volume control
- Designed to work with both conventional and two-wire (SAV-WIRE®) systems
- Fully-approved to EN54-3 by LPCB and VdS
- Modern ultra low-profile for discreet mounting
- Designed to accept most leading detector bases (contact us for colour options available)

Standards and Approvals

- EN54-3:2001
- VdS G208012 (white version only approved by VdS)
- CE 0832-CPR-F0095

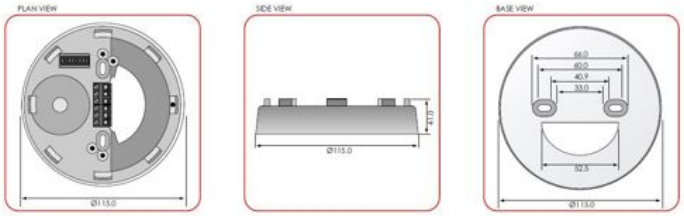
Specification

Voltage range (Vdc)	18-30
Number of tones	32
Operating frequency	440-2900 Hz
Temperature range	From -20°C to +70°C
Monitoring	Reverse polarity
Protection rating	IP21C
Boxed weight (kg)	0.11
Body colours available	White or ivory (ABS fire retardant plastic)
Volume setting	High
Sound output, typical (dBA)	93.8
Sound output, anechoic chamber (dBA)	91.2
Sound output, reverberation chamber (dBA)	110.9
Max. current consumption @24Vdc (mA)	12.0
Power consumption @24Vdc (mW)	288

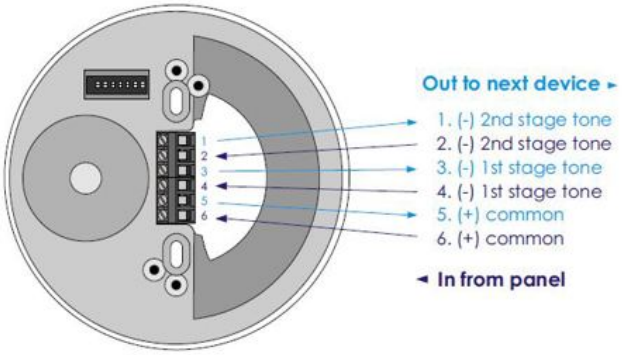
Order Codes and Options

08-VSO-32E-W	White body, 32 tone

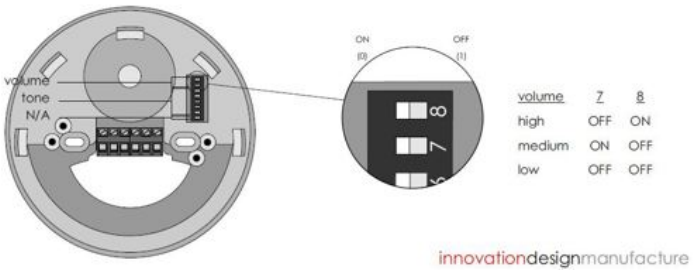
Dimensions, product mounting and cable entry



Wiring configuration



Tone and volume selection



innovationdesignmanufacture

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Fire Bells

The Advanced Fire Bell is a motorised bell designed for fire alarm applications. Its low current consumption and universally recognisable alarm sound make it an ideal choice for many alarm systems.

Designed for ease of installation, it features a robust steel gong.

Units are finished in Red and are available in two gong sizes, 6" and 8".



Features

- Low current consumption
- Universally recognisable sound
- Diode polarised
- Choice of gong sizes (6 and 8 Inch)
- Approved to:
  - EN54-3:2001 +A1:2002 +A2:2006
  - EN 61000-6-3:2007

Specification

Audibility at 1M	6" Up to 95dB (A) 8" Up to 98dB (A)
Tones	1
Voltage	19-28V_{DC}
Current	20mA
IP Rating	IP21C
Rating	Continuous
Operating Temperature	-10°C to +55°C
Dome Construction	Steel
Weight **6"**	0.92Kg
8"	1.27Kg
Compliance	EN54-3

Order Codes and Options

08-TAA-0007:	6 Inch Red fire bell
08-TAA-0015:	8 Inch Red fire bell

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Weatherproof Fire Bells

The Advanced Weatherproof Fire Bell is a motorised bell designed for fire alarm applications. Its low current consumption and universally recognisable alarm sound make it an ideal choice for many alarm systems.

Designed for ease of installation, it features a robust steel gong.

Units are finished in Red and are available in two gong sizes, 6" and 8"



Features

- Low current consumption
- Universally recognisable sound
- Diode polarised
- Choice of gong sizes (6 and 8 Inch)
- Approved to:
  - EN54-3:2001 +A1:2002 +A2:2006
  - EN 61000-6-3:2007
- Weatherproof to IP33 C

Specification

Audibility at 1M	6": Up to 95dB (A) 8": Up to 98dB (A)
Tones	1
Voltage	19-28 VDC
Current	20mA
IP Rating	IP33C
Rating	Continuous
Operating Temperature	-25°C to +70°C
Dome Construction	Steel
Weight **6"**	0.92Kg
8"	1.27Kg
Compliance	EN54-3

Order Codes and Options

08-TAA-0017:	6 Inch Red weatherproof fire bell
08-TAA-0020:	8 Inch Red weatherproof fire bell

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Remote Indicator Unit

The remote indicator unit is used to give a remote indication of the status of a single or groups of fire detectors in alarm state utilising an LED with a wide area of illumination and high on/off contrast.

The units are compatible with the majority of conventional and addressable systems and can also be used for security and process control applications.

The standard version is a single gang flush mount unit, with or without 'Fire Detector Operated' text and also available with a deep back box for surface mounting.



Features

- Direct fit to a single gang deep back box
- Circular flush mounted version
- Available with text in other languages or without text
- Custom legend available on request
- IP66 weatherproof version available

Specification

Voltage range	5-28 Vdc
Nominal current consumption	24 mA
IP Rating	IP 24
Boxed weight	38 g (flush mount) 95 g (surface mount)
Colour	white (ABS fire retardant plastic)

Order Codes and Options

08-502-003	Remote Indicator Unit
08-502-001	Remote Indicator Unit without Text

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