

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)

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)

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

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 Retardant 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

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 Retardant 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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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

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 Retardant 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

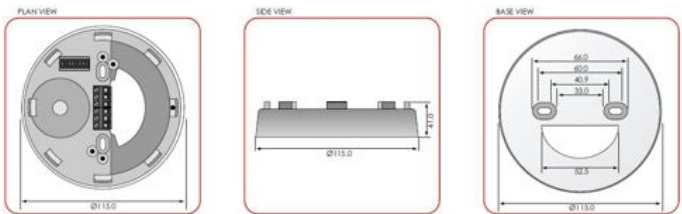
Voltage range (Vdc)	18-30
Number of tones	32
Operating frequency	440-2900 Hz
Temperature range	From -20°C to +70°C
Monitoring	Reverse polarity
Protection rating	IP21C
Boxed weight (kg)	0.11
Body colours available	White or ivory (ABS fire retardant plastic)
Volume setting	High
Sound output, typical (dBA)	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

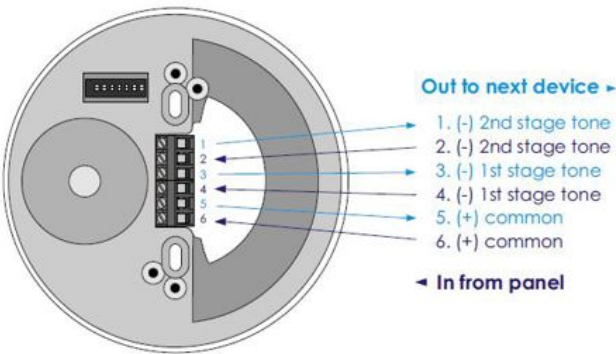
08-VSO-32E-W

White body, 32 tone

Dimensions, product mounting and cable entry



Wiring configuration



Tone and volume selection

