

AUDIOVISUAL SIGNALING IN COMPLIANCE WITH EN54

EN54-23 – Fire Signalling



Applications:

Meeting the challenge of evacuating facilities using visual signage and exceeding the requirements of EN54-23 requires a radical change in beacon performance. Imagine the light output required to notify a person in a hotel room, or a worker in an engine room. When the Sonos Pulse and Nexus Pulse ranges are active, they become inescapable and unmistakable fire alarm notification / signalling audiovisual systems, attracting people's attention.

Increased coverage:

The simplest evacuation system is the most effective. The **Sonos Pulse** and **Nexus Pulse** fire alarm notification/signaling av-visual systems are designed to meet single-device evacuation requirements for most instances.

The ceiling fixation could cover a radius of 15m in diameter.

The wall fixation could cover a space of 11.3 x 11.3 meters (m²).

These systems have a compact design. Its messages are clear and its main application is the safety and security of people.

EN54-3 - Fire Sirens



Sonos Siren: Easy, fast and reliable installation system. Connections in base made during the initial phase and for the start-up, only the head should be fixed at the base by means of a 'Turn' (click), avoiding possible problems with the connection of the wiring. Selection of 32 shades, including the main international standards.

2 types of Bases, Deep with a degree of protection IP65 and serves for indoor and outdoor and shallow with IP21 for indoor. Available in red or white colors. Audibility at 1m: up to 106dB (A), Voltage: 9 - 60 VDC, Current (depending on tone): 4 - 41 mA



Base with Siren: It has a low profile, its main application is for installation together with the patented smoke and heat detectors and provide both detection and alarm at the same point, which reduces wiring and installation costs. With the optional cover it can be used as an individual siren, for indoor use. Available in white and cream colors. Audibility at 1m: up to 95dB (A), Voltage: 17 - 60 VDC, Current (depending on pitch): 2 - 7 mA



Siren - Nexus 105/110/120: Connections on base made during the initial phase, for faster and more reliable installation. In addition, the head is fixed by quarter-turn fasteners that allow a faster, more precise and resistant installation for the compression of the sealing in the open. With IP66, it can be installed almost anywhere. 64 tones, 3 alarm stages. Model 105dB, V=10-60VCC, I= 8-40mA, Model 110dB, V=10-60VCC, I=10-50mA and Model 120dB, V=10-60VCC, I=120-550mA.



The Fire Bell is a motorized hood designed for fire alarm applications. Its low current consumption and universally recognizable alarm sound makes it an ideal choice for many alarm systems. Designed for easy installation, it features a robust steel gong. Audibility at 1m: max 95dB (A), V:19-28VDC, I:20mA

Beacons & Beacons / Sirens



Sonos Beacon: Easy, fast and reliable installation system. Connections in base made during the initial phase and for the start-up, only the head should be fixed at the base by means of a 'Turn' (click), avoiding possible problems with the connection of the wiring. It uses a translucent housing on all its faces, which provides greater coverage and a better use of light emission. 2 types of Bases, Deep with a degree of protection IP65 and serves for interior and exterior and Surface with IP21 for interior. Available with Xenon 2J headlight or high efficiency LED headlight. Synchronized flash. White base option. Available Lens Color Options for; Xenon headlights "red, amber, white, blue and green" and for LED headlights "red, amber and white". Xenon model, V=10-60VDC, I=130mA@24VCC, LED model, 17-60VDC, I=5mA.

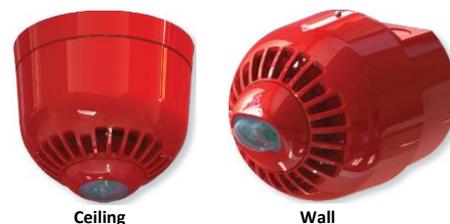


Siren / Beacon - Nexus 105/110/120:

Initial connections on base, for simpler and more reliable installation. In addition, the head is fixed by quarter-turn fasteners that allow a faster, more precise and resistant installation for the compression of the sealing in the open. Available with Xenon 5J headlight or high-efficiency LED headlight, a powerful 110dB or 120dB siren is combined with a high-performance beacon that ensures an effective audio-visual signal. Alternating current variants available. With IP66, it can be installed almost anywhere. 64 tones, 3 alarm states. Low input current (LED only). Static/flashing mode (LED only). Available colors of lenses for Xenon headlights and LED "red, amber, white, blue and green".

Model Xenon, I siren = 330mA@24Vcc + Model 105dB I=8-40mA, Model 110dB I=10-50mA and Model 120dB, I=120-550mA.

LED Model, I siren = 18mA/65mA@24Vcc + Model 105dB I=8-40mA, Model 110dB I=10-50mA and Model 120dB, I=120-550mA.



Ceiling

Wall

Siren / Beacon - Sonos Pulse

Approval EN54-23. Coverage of a roof device up to 3m height and 11.3m x 11.3m (m²) and wall up to 3.5m height and 11.5m x 11.5m (m²).

Specifications:	Siren	Beacon
Voltage	17-60VDC	17-60VDC
Current at 0.5Hz	20mA	25mA
Current at 1.0Hz	40mA	45mA
Body color	red or white	red or white
Protection	IP65 (B.deep)	IP65 (B.deep)
Operating Temp.	-25°C + 70°C	-25°C + 70°C
Sound output	N/A	97dB(A)