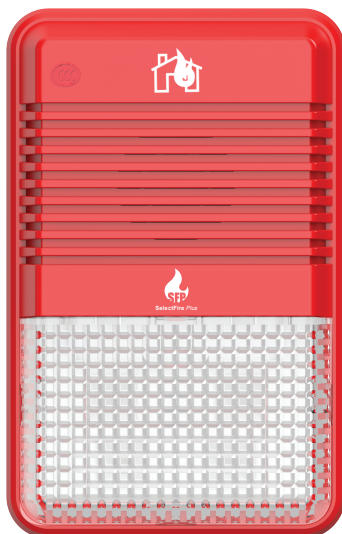


SFP-CSS-004

Conventional Sounder Strobe



Our SFP-CSS-004 is a Sounder combined with a Visual Alarm Device (VAD) approved to both European Standards EN54-23:2010 and EN54-3:2014+A1:2019.

The Visual Alarm Device (VAD) in our Sounder Strobe model SFP-CSS-004 complies with European Standard EN54-23:2010. It is an LED based Strobe that produces bright, flashing, white light to signal a fire emergency, primarily designed for deaf or hard-of-hearing individuals, or for use in high-noise environments where audible alarms are ineffective. The Sounder in our Sounder Strobe model SFP-CSS-004 complies with European standard EN54-3:2014+A1:2019. It provides an immediate high-decibel audible warning to evacuate a building upon detection of smoke or heat, ensuring occupants can quickly escape to safety.

The key reasons to choose our Sounder Strobe (VAD) model SFP-CSS-004 are :

- Our EN54-23 compliant Strobe in our Sounder Strobe SFP-CSS-004 uses high-efficiency LEDs and ensures that the visual signal is strong enough to alert all occupants, including those with hearing difficulties or in noisy environments. Unlike non-compliant strobes, our EN54-23 Strobe must meet a minimum illumination level of 0.4 lux over their entire stated coverage volume. This guarantees the light is bright enough to be seen in both daylight and darkness, which non-compliant devices cannot guarantee.
- Our EN54-3 & EN54-23 certified Sounder Strobe SFP-CSS-004 is tested for performance under various conditions, including cold, heat, corrosion, and vibrations, ensuring they will function when needed.

Technical Specification

| | |
|----------------------------|---|
| Type | Sounder Strobe |
| Wide Operating Voltage | 16-28V DC |
| Very Low power Consumption | 132.6mW during operation |
| Very Low Quiescent current | ≤ 400µA |
| Very Low Alarm current | ≤8mA |
| Very Loud Sound Output | 110dB(A) @ 3m |
| VAD Coverage | W-2.75-9 (min 0.4 Lux over a 2.75 x 9m cuboid Area) |
| Sounder Tone Cycle | 4s to 5s. Prevents "acoustic shadow" effects, cuts through background noise to grab attention immediately |
| VAD Flash rate | 1.5Hz to 2.0HZ (90 to 120 Flashes per minute) |
| IP Rating | IP21C |
| Operating Temperature | -10°C to +55°C |
| Operating Humidity | ≤ 95% RH |

- Our EN54-3 compliant Sounder in our Sounder Strobe SFP-CSS-004 ensures the device meets mandatory, rigorous European safety standards for audible fire alarms, guaranteeing reliability, proper sound output, and environmental durability. It has undergone rigorous, independent, third-party testing for environmental factors (temperature, humidity) and mechanical robustness (shock, vibration).
- Our EN54-3 and EN54-23 approved Sounder Strobe model SFP-CSS-004 is designed for highly efficient operation with minimal power requirements. With high-efficiency LEDs, the strobe consumes very little energy, requiring only 132.6 mW during operation.

Approvals

- Approved to EN54-23:2010 and EN54-3:2014+A1:2019 By TUV Rheinland
- CE & UKCA & TUV Marked
- Approved to Safety Standards IEC62368-1:2014+A11& BS EN62368-1:2014+A11:2017 & EN IEC 62368-1:2020+A11 By TUV Rheinland

