



PANASONIC

Panasonic 4482WH addressable sounder beacon, white

Product code 41395 · Fire alarm systems > Field devices > Alarm devices

Addressable wall-mounted sounder beacon: an EN 54-3 sounder and an EN 54-23 visual alarm device in one unit, with a built-in short-circuit isolator. Powered from the COM loop.

- Sounder and beacon in one unit
- Beacon coverage W-2.4-5.0 (5 × 5 m) or O at low power
- Seven selectable tones, incl. DIN 33404 and NEN 2575
- Flash rate 0.5 or 1 Hz, selected in EBLWin
- Built-in short-circuit isolator, automatic addressing
- Approved to EN 54-3, EN 54-17 and EN 54-23



Product description

Panasonic 4482WH is a white addressable sounder beacon combining a sounder, a red LED visual alarm device (beacon) and a built-in short-circuit isolator in one wall-mounted housing. The device is powered from the COM loop. It is approved to EN 54-3, EN 54-17 and EN 54-23 and is suitable for indoor use (type A), for example in corridors, offices, toilets and other public areas.

The sounder has seven tones selectable in EBLWin: continuous and intermittent 984 Hz, alternating 644/984 Hz, the German DIN 33404 sweep, the Dutch NEN 2575, the French NFS 32-001 and the Australian T3. The highest minimum sound pressure level is approximately 89–94 dB(A) at a distance of 1 metre, depending on the tone, and the maximum sound level is 96 dB(A). Beacon coverage and flash rate are selected in EBLWin: at high power the class is W-2.4-5.0 (5.0 × 5.0 m, 60 m³, LED at a height of no more than 2.4 m) and at low power O (2.5 × 2.5 m, 13 m³, no more than 2.1 m). The flash rate is 0.5 or 1 Hz. The beacons are not synchronised with each other.

The built-in short-circuit isolator does not require its own COM loop address and limits the effect of a short circuit to the faulty segment of the loop only.

Installation and compatibility

- Wall mounting at a height of no more than 2.4 m, indoors only
- The keyholes on both sides of the housing are covered with the waterproof stickers supplied
- Automatic addressing with EBLWin or manually with the 4414/4414E tool (address 001–253)
- Advanced mode: EBL512 G3 and EBL128 V ≥ 2.3 , EBLOne V ≥ 3.3
- Conductor size Ø 0.6–1.4 mm (0.3–1.5 mm²)

Technical data

Product code	41395
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > Alarm devices
Colour	White
Weight	278 g
Dimensions	147 × 106 × 92 mm
Operating temperature	-10...+55 °C
Sound output	Highest minimum level approx. 89–94 dB(A) at 1 m (depending on tone)
Flash rate	0.5 or 1 Hz
EN 54 approval	EN 54-3, EN 54-17, EN 54-23
CPR	0786-CPR-21533
Storage temperature	-25...+70 °C
Humidity	Max. 95% RH, non-condensing
Material	Flame-retardant ABS and polycarbonate
IP rating	IP21
Operating voltage	12–30 V DC (nominal 24 V DC)
Current consumption (quiescent)	2.5 mA
Current consumption (alarm)	5 × 5 m: 69 mA (1 Hz) / 38 mA (0.5 Hz); 2.5 × 2.5 m: 39 mA (1 Hz) / 27 mA (0.5 Hz)
Input power	0.03–2.1 W
Frequency range	440–1,200 Hz depending on tone
Tone types	7 tones
Light source	Red LED
Coverage	W-2.4-5.0 (5 × 5 m, 60 m ³); low power O (2.5 × 2.5 m, 13 m ³)
Synchronisation	No
Address range	001–253
Short-circuit isolator	Built-in
Compatibility	EBL512 G3, EBL128 V ≥ 2.3, EBLOne V ≥ 3.3
Mounting	Wall mounting, max. 2.4 m, indoors (type A)
Standards	EN 61000-6-3, EN 50130-4, EN IEC 63000 (RoHS)
Maximum sound output	Max. 96 dB(A)

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Technical datasheet: 4482WH addressable sounder beacon

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21533

Certificate: Declaration of performance (DoP), no. ESN-FP0305-02

Certificate: EU declaration of conformity, no. ESN-F00305-05

Certificate: CNBOP-PIB certificate of admittance (Poland), no. 5425/2024

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