

- › **Loop technology with System Sensor protocol**
- › **Can be activated with up to 32 different tone types**
- › **3 sound levels – up to 100 dB(A), red very high-performance LEDs**
- › **EN 54-23 class W**
- › **Integrated dual-isolator**
- › **Fits onto Detector Base B501AP, optional bases IP44, IP65**



The loop-powered multitone wall sounder with strobe is powered and actuated as module via the loop with System Sensor protocol.

The sounder-strobe with red light is integrated in a robust white plastic housing with a clear cap and has an integrated dual-isolator. The strobe has been tested according to EN 54-23 Class W ("wall class").

Depending on the parameter setup of the control panel and the system condition, a compatible fire detection control panel can activate the sounder with up to 32 different tone types and selectable sound level. The strobe can be activated together with the sounder or separately. The following tone types can be selected, for example:

- DIN tone according to DIN 33404,
- Slow Whoop tone according to NEN 2575,
- Continuous tone 800 Hz,
- Interrupted tone 630 Hz, and many more.

If several sounder-strobes are actuated in parallel, they are synchronised by the control panel to generate a uniform warning tone and light pulse.

The address of the loop sounder-strobe is selected with two decadic rotary switches located at the bottom of the device.

A standard detector base B501AP is required to accommodate the sounder-strobe.

For use under harsh environmental conditions, for insertion of thicker cables or for use of cable conduits, supplement bases with protection class IP44 or IP65 are available. All supplement bases are delivered with a standard base B501AP.

TECHNICAL DATA

Operating voltage loop	from 15 VDC to 29 VDC
Current consumption loop typ.	130 µA (sounder/strobe off)
Current consumption loop max.	25.2 mA (DIN tone, high, EN 54-23)
Loop protocol	System Sensor

Relative humidity (no condensation)	from 10 % to 96 %
Protection class	IP21
Protection class	IP44, IP65 (with base adaptor)
Ambient temperature	from -25 °C to 70 °C
Type of alarming	acoustic-optical
Number of tones	32
Sound level max.	100 dB(A)/1 m
Illuminant	LED
Strobe frequency	0.5 Hz
Colour of lens/cap	clear
Light colour	red
Class EN 54-23	Wall
Category EN 54-23	W-4.2-11.5 – wall mounting
Mounting height max.	4.2 m
Illuminated area	11.5 × 11.5 m
Category EN 54-23	W-2.4-11.5 – wall mounting
Mounting height max.	2.4 m
Illuminated area	11.5 × 11.5 m
Category EN 54-23	W-3.6-10.5 – wall mounting
Mounting height max.	3.6 m
Illuminated area	10.5 × 10.5 m
Category EN 54-23	W-2.4-10.5 – wall mounting
Mounting height max.	2.4 m
Illuminated area	10.5 × 10.5 m
Colour	white
Dimensions Ø × D	121 × 85 mm
Weight	305 g
Approval number CPR	2831-CPR-F4818
Approval number VdS	G 223069
Approval number LPCB	567az/01
Article number	355322
Order reference	Sounder-Str/WM/200API/wh/kl/re/100/W WRA-PC-I

ACCESSORIES

Article number	Order reference
246039	Detector Base/500/200AP B501AP
359053	Base Sounder/Strobe/IP44/white BPW
359054	Base Sounder/Strobe/IP65/white WPW