

KAC Audible Visible Range

Intelligent Wall Mount Sounder Strobe EN54-23 "W" Category

> Product Overview

KAC's Wall Mount Sounder Strobe is a modular, high-output loop powered device intended to alert all building occupants of a potential fire.

Approved to EN54-3, EN54-17, EN54-23, it enables a complete, fully compliant, and cost-effective fire alarm system by reducing installation and commissioning costs through fewer wiring points.

The KAC solution is backwards compatible enabling easy system extensions in legacy and new projects, thereby providing the highest level of protection for all building occupants—from a trusted brand.

> Certification



> Product Benefits

- Adjustable offering providing flexible solution to suit all space requirements, loop capacities, and commercial applications
- Global & approved 32 tone set, selectable from device or from panel
- Automatic synchronization of sounder and strobe
- Maximum light and sound output with efficient power consumption enables more devices on a loop
- Premium device with high light coverage reduces wiring points
- Large cable access
- Pure white or Red body color options—offering flexibility covering different commercial applications and customer needs
- White or Red flash color options offering flexibility covering different commercial applications and customer needs
- Independently approved to all required standards:
 - Manufacturing: Construction Products Regulation (CPR)
 - Product performance: Approved to EN54-3, EN54-23, EN54-17
- Environmental: RoHS, WEEE, REACH
- Adjustable sound, light & tones to suit varying installation applications
- Simple twist fit onto universal B501AP base
- Rotary wheels & address tags for clear address indication
- Built-in short circuit isolation
- Loop continuity spring supports first fix installation
- Modular design allows individual components to be replaced separately
- Backwards compatibility with red flash, 1 Hz and B501AP base

> Applications



Office Buildings



Public Buildings



Bathrooms



Hotels



Noisy Environments

KAC

WMSS
DS-AV-014_02

Technical Overview

KAC's EN54-23 approved Wall Mount Sounder Strobe integrates a 32 tone sounder and high quality strobe into one device. It is powered by the fire panel via the loop wiring. Operation and control of the device is via System Sensor Advanced or CLIP Protocol. The device is installed simply by a twist fit onto the universal B501AP base.

Electrical Specification

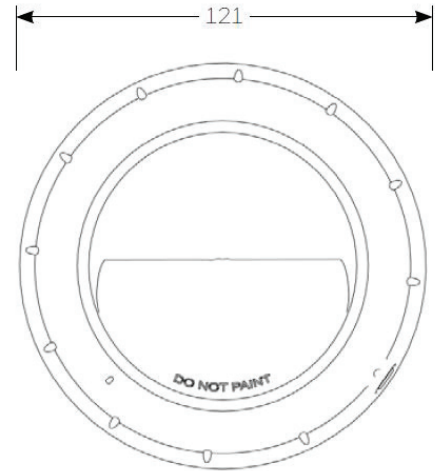
Supply Voltage:	15 to 29 VDC (Isolation)
Standby Current:	130 uA maximum
Sound Output, Typical:	97dB (A) ±3dB @ 1 metre (Tone 3, high volume @ 24V) <i>Please refer to the installation manual to check the typical sound output at other tones.</i>
Strobe Flash Rate:	0.5Hz & 1Hz

Environmental Specification

Operating Temperature:	10°C to 55°C
Relative Humidity:	Min: 5%, max: 96% non-condensing
Ingress protection:	IP21C (with low profile B501AP base)

EN54-23 VAD Performance

Wall Mount Sounder Strobe:	Adjustable Device WxA-yC-Izz
	x: Flash color R: Red, W: White
	y: Body color R: Red, P: Pure white



Operation Mode	High Output Mode	Standard Output Mode	Legacy Mode
EN 54-23 Coverage Volume Code	Red Flash: W-4.2-11.5, W-2.4-11.5 White Flash: W-4-11.5, W-2.4-11.5	Red Flash: W-3.6-10.5, W-2.4-10.5 White Flash: W-3.8-9, W-2.4-9	Red Flash: O-2.4-3 White Flash: O-2.4-3
Installation Height (X)	4.2m/4.0m/2.4m	3.8m/3.6m/2.4m	2.4m
Maximum EN 54-23 Coverage (Y)	Coverage Cube = 11.5m	Coverage Cube = Red Flash 10.5m, White Flash 9m	Coverage Cube = 3m
Maximum EN 54-23 Coverage Volume	Red Flash: 555 m ³ White Flash: 397 m ³	Red Flash: 317 m ³ White Flash: 265 m ³	21.6 m ³
Flash Rate	0.5 Hz	0.5 Hz	1 Hz
Operating Voltage Range	15 to 29V	15 to 29V	15 to 29V
Maximum Current Consumption @ 24V, Tone 5 @ High Volume	25.2 mA	21.2 mA	16.2 mA
Mounting	Wall Mount: W-Category		Wall Mount: Open Category



Please scan the QR code for installation video

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> Learn More: kac.co.uk