KAC Audible Visible Range

Intelligent Wall Mount Strobe EN54-23 "W" Category

> Product Overview

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

Approved to EN54-23 & EN54-17, 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 enables easy system extensions in legacy and new projects, thereby providing the highest level of protection for all building occupants – from a trusted brand.

> Certification

CE UKCA VdS LPCB

> Product Beneifts

- Efficient light output and power consumption enables more devices on a loop
- 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
- Modular design allows individual components to be replaced separately
- Independently approved to all required standards:
    - Manufacturing: Construction Products Regulation (CPR)
    - Product performance: Approved to EN54-23 and EN54-17

- Backwards compatibility with red flash, B501 base
- Large cable access
- 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
- Environmental: RoHS, WEEE, REACH

> Applications

Office Buildings   Public Buildings   Bathrooms   Hotels   Noisy Environments

Technical Overview

KAC's EN54-23 approved Wall Mount Strobe is a loop powered, high quality device designed for fast and simple installation and control. 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
Current Consumption,	
Typical Strobe in Alarm:	11mA @ 24V
Strobe Flash Rate:	0.5Hz

Environmental Specification

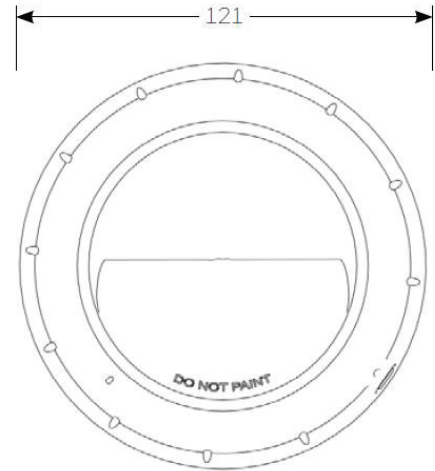|	
Operating Temperature:	10°C to 55°C
Relative Humidity:	Min: 5%, max: 96%
Ingress protection:	IP21C (with low profile B501AP base)

Mechanical Specification

Body Colour:	Pure white or red
Lens Colour:	Clear
Weight Net/Gross:	318.5 g
Wire Gauge for Screw Terminals:	Min 1.5 – Max 2.5
Diameter:	121 mm
Mounting Options:	Low profile

VAD Performance

Wall Mount Strobe:	WxL-yC-Izz
	X: Flash color R: Red, W: White
	Y: Body color R: Red, P: Pure white
EN 54-23 Coverage Volume Code:	Red Flash: W-3.6-10.5, W-2.4-10.5
	White Flash: W-3.8-9, W-2.4-9
Installation Height (X):	3.8m/3.6m/2.4m
Maximum EN 54-23 Coverage (Y):	Coverage Cube= Red Flash 10.5m, White Flash 9m
Maximum EN 54-23 Coverage Voume:	Red Flash: 317 m³
	White Flash: 265 m³
Flash Rate:	0.5 Hz
Operating Voltage Range:	15 to 29V
Maximum Current Consumption:	11 mA @ 24V
Mounting:	Wall Mount: W-Category

Approvals

Approved to:	EN54-23 Light
	EN54-17 Short circuit Isolator
	For RoHS, WEEE & REACH information please visit www.kac.co.uk

Please scan the QR code
for installation video

> Learn More: kac.co.uk

We reserve the right to amend the content of this document without prior notice.