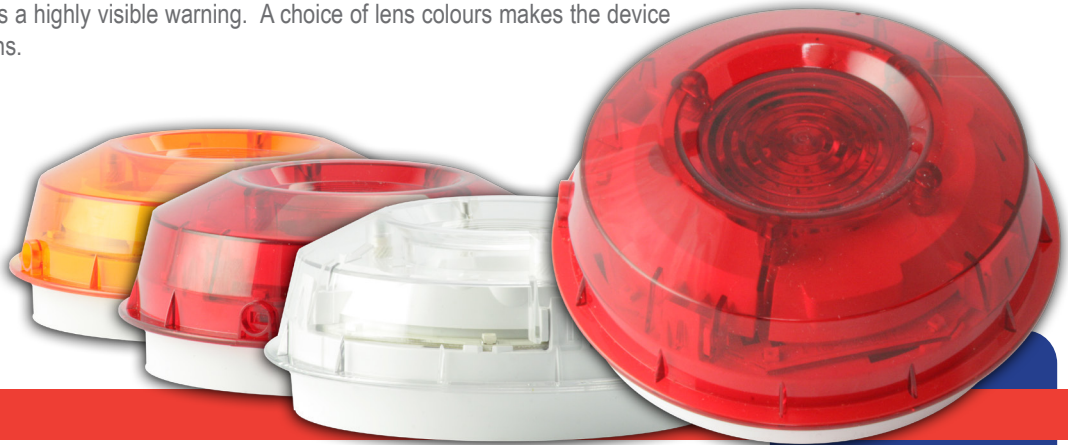# KAC Audible Visible Range

Intelligent Wall Mount Strobe

> Product Overview

KAC's wall mount strobe is a high quality loop powered device designed to alert building occupants of an emergency. It utilizes the System Sensor B501AP base for improved installation flexibility. When triggered by the fire panel its intense strobe gives a highly visible warning. A choice of lens colours makes the device suitable for a wide variety of applications.

> Certification

> Product Benefits

Faster installation
- Large cable access
- Rear or surface cable entry
- Loop continuity spring
- Automatic synchronisation of strobe

Flexible installation
- Low current draw enables more devices on loop
- Intense strobe output
- Deep and high IP base options
- A choice of lens colours

Reduced install errors and easy fault finding
- Positive "poke yoke" engagement
- Address tag for clear indication
- Anti-tamper feature
- In-built isolation options
- Simple familiar rotary wheel address controls

Reduced full life costs
- High quality robust materials for longer life
- UV stable materials
- Robust construction for added impact resistance

Reduced inventory count
- Common base with detectors (B501AP)
- Device protocol is backward compatible through inclusion of both SS CLIP and Advanced Protocols

Excellent system performance
- High output LED technology and superior lens design optimize light output
- Advanced protocol enabled strobe function control and group polling

> Applications

Technical Overview

The KAC WM strobe is a high quality strobe featuring fast and simple installation and control. It is powered by the fire panel via the loop wiring. Control of the device is enabled using on-board switches some of which can also be adjusted through SS Advanced Protocol. The device is installed simply by a twist fit onto the B501AP base.

Electrical Specification

Supply Voltage:	15 to 32VDC (Non-isolation)
	15 to 28VDC (Isolation)
Standby Current:	120µA (Non-Isolation) 225µA (Isolation)
Max current consumption sounder and strobe:	
	3.3mA (Non-Isolation) 3.5mA (Isolation)
Strobe Flash Rate: 1Hz	

Environmental Specification

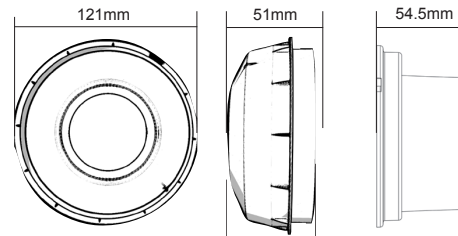|	
Operating Temp:	-25°C to 70°C
Relative Humidity:	Up to 95% non-condensing
Ingress Protection:	IP24 (with low profile base)
	IP44 (with surface mount base)
	IP65 (Waterproof base)

Approvals

Approved to CPD where applicable.

THIS PRODUCT IS NOT APPROVED TO EN54-23 (VISUAL ALARM DEVICES) AND MUST NOT BE USED AS A VISUAL ALARM DEVICE OR TO PROVIDE A PRIMARY WARNING NOTIFICATION OF FIRE.

For RoHS, WEEE & REACH information please visit www.kac.co.uk

Mechanical Specification

Colour:	Pure White
Lens Colour:	Red, Clear, Amber#
Weight:	168g
Terminal Size:	1.5 - 2.5mm² max
Mounting options:	Low Profile, Surface or High IP

Lens availability dependant on order volume

121mm   51mm   54.5mm

Ordering Information

KAC has developed a product name/code which is as short and intuitive as possible while incorporating meaning and logic

Device	Code	Skirt Colour	Body or Lens colour	Isolation	Customer ID	Example
Wall mount sounder	WSO	**P** = pure white **D** = detector white (ivory)	**Body:** **R** = red **P** = pure white **D** = detector white (ivory) **Lens:** **R** = red **A** = amber	**I** = isolation **N** = non-iso	00 to 99	**WSO-PR-I03**
Wall mount strobe	WST					**WST- PA-N14**
Wall mount sounder strobe	WSS					**WSS-PC-I02**
Detector base sounder	BSO					**BSO-PP-I04**
Detector base strobe	BST					**BST-PR-N31**
Detector base sounder strobe	BSS					**BSS-DA-N26**

Bases

B501AP - Low Profile Base
BRR, BDD, BPW - Surface mount deep base in red, detector white (ivory) or pure white
WRR, WDD, WPW – High IP surface mount deep base in red, detector white (ivory) or pure white