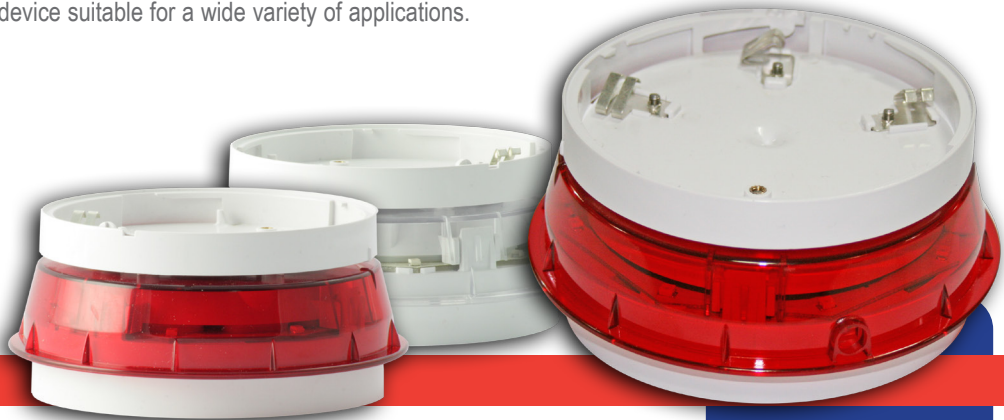


KAC Audible Visible Range

Intelligent Detector Base Strobe

> Product Overview

KAC's detector base 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 and integrates seamlessly with SS intelligent detectors. When triggered by the fire panel its intense strobe give a visible warning. A choice of lens colours makes the device suitable for a wide variety of applications.



> Product Benefits

Faster installation

- Large cable access
- Rear or surface cable entry
- Loop continuity spring
- Automatic synchronisation of sounder and strobe

Flexible installation

- Low current draw enables more devices on loop
- Intense strobe output
- Deep and high IP base options
- Variety of body and 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



KAC

DBST
Rev. No.3

Technical Overview

The KAC detector base strobe forms the perfect base for SS detectors and 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: | < 3.5mA (Isolation) < 3.3mA (Non-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) |

Approvals

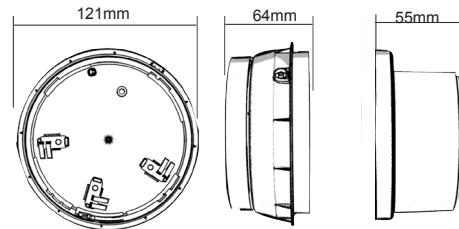
Approved to CPD where applicable

THIS PRODUCT IS NOT APPROVED TO EN54-23 (VISUAL ALARM DEVICES) AND MUST NOT BE USED TO PROVIDE A PRIMARY NOTIFICATION OF FIRE. IT SHOULD ONLY BE USED AS A SIGNALLING DEVICE/SUPPLEMENTARY INDICATOR.

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

Mechanical Specification

| | |
|---|-------------------------------------|
| Colour: | Pure white & Detector white (Ivory) |
| Lens Colour | Red, Clear or Amber |
| Weight: | 200g |
| Terminal Size: | 1.5 - 2.5mm ² max |
| Mounting options: | Low Profile, Surface |
| # Lens availability dependant on order volume | |



Ordering Information

| 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 C = clear | 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 |

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

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

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