FEATURES

- ✓ Premium coverage volume (Premium Device) C-3-15 *High output mode
- ✓ Global & approved 32 tone set, selectable from device or panel
- ✓ Automatic synchronization of sounder and strobe
- ✓ Utilises Advanced Protocol for sound & light output control, tone selection & group polling
- ✓ Maximum light & sound output with efficient power consumption enables more devices on a loop
- ✓ Single point of installation saves time & cost
- ✓ Red flash - industry preferred colour for evacuation
- ✓ Approved to AS7240.3, AS7240.17, AS7240.23
- ✓ Environmental: RoHS, WEEE, REACH
- ✓ Large cable access, rear or surfacecable entry
- ✓ Adjustable sound, light & tones to suit varying installation applications
- ✓ Simple twist fit onto universal B501AP base
- ✓ Rotary wheels & address tags for clear address indication
- ✓ Loop continuity spring supports first fix installation
- ✓ Meets detector spacing reducing requirement for additional strobe devices
- ✓ Backwards compatibility protocol ensures new & old devices can work on the same loop
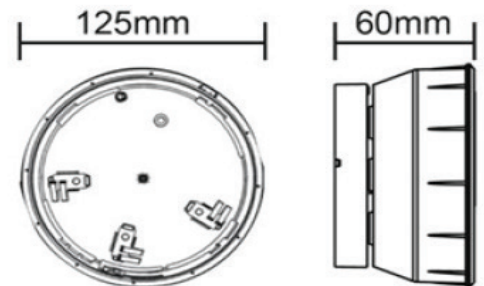

Detector sold seperately.

DESCRIPTION

Intelligent Detector Sounder Base / Strobe (VAD) is a modular, high-output loop powered device intended to alert building occupants of a potential fire.

Approved to AS7240.3, AS7240.17, AS7240.23, it enables a complete, fully compliant and cost-effective fire alarm system by reducing installation and commissioning costs through fewer wiring points.

The Intelligent solution is backwards compatible enabling easy system extensions to legacy and new projects, thereby providing the highest level of protection for all building occupants.

TECHNICAL OVERVIEW

The AS7240.23 approved Detector Sounder/Base Strobe (VAD) provides the perfect base for System Sensor detectors and 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 CLIP Protocol. The device is installed simply by a twist fit onto the universal B501AP base.

Supply voltage	15 - 29Vdc (isolation)
Standby current	150µA maximum
Sound output, typical	95dB(A) +/-3dB @ 1m (High Volume, Tone 3 @ 24V) [Tone Dependant - based on high volume 970Hz continuous @24Vdc]
Strobe flash rate	0.5 Hz /1Hz (Legacy mode)
Maximum current consumption (sounder and beacon)	14.5mA (High Volume Tone 11 @15V)
Beacon flash rate	1Hz
Maximum devices per loop	The number of devices are limited due to SLC current draw restrictions. Please contact one of our staff for design assistance.
Operating temperature	-10ºC to +55ºC
Relative humidity	93% +/-3%, non condensing
Ingress Protection	IP21C (with low profile base and IP seal)
Body colour	Pure white
Lens colour	Clear
Flash colour	Red
Weight	275g / 295g
Cable terminal size	1.5-2.5mm² max
Number of tones	32
Volume setting	High, Low
Mounting options	Low profile

AS7240.23 VAD PERFORMANCE

DETECTOR BASE STROBE	PREMIUM DEVICE		
Operation Mode	High Output Mode	Lower Power Mode	Legacy Mode
AS7240.23 Coverage volume code	C-3-15	C-3-11	O-1-4
Installation height (X)	3m	3m	1m
AS7240.23 Coverage (Y)	Cylinder Ø = 15m	Cylinder Ø = 11m	Cylinder Ø = 4m
AS7240.23 Coverage Volume	530 m3	285 m3	4m3
Flash rate	0.5 Hz	0.5 Hz	1 Hz
Operating voltage range	15 to 29V	15 to 29V	15 to 29V
Typical Max Current Consumption @ 24V, Tone 3 @ high volume	27mA	18.5mA	8mA
Flash Colour	Red	Red	Red
Mounting	Ceiling Mount	Ceiling Mount	Open

ORDERING INFORMATION

NFX-STR-SOU-BASE	Intelligent detector sounder/base strobe (ceiling mount) AS7240.23
NFX-BASE-WHITE	Base B501AP for NFX Series Sounders (Pure White)
NFX-LID-W	Lid for NFX Series Sounders (Pure White)

APPROVALS

- ✓ Product performance: AS7240.23 Sound, Light & Short Circuit
- ✓ SAI Global: Certificate No. SMK40640-4