

Intelligent Addressable Wall Mount Sounder Strobe WSS

Overview

- Advanced intelligent functionality
- Fully digital addressing technology
- Includes Advanced ADEVA protocol
- Automatic synchronisation of sounder
- Low current draw enables more devices on loop
- Intense strobe output
- Adjustable volume control (on device or from panel)
- Global tone set: 32 approved tones including bell tone
- Advanced protocol enabled controllable sound output, tone selection.
- Deep and high IP base options
- Rotary decade address switches
- In-built isolation options
- UV stable materials
- Red or amber light flash / operates on 12V and 24V system, making the range suitable for use in security applications
- Suitable ceiling mount applications
- High efficiency piezo disk and horn profile generate excellent sound output
- Approved to EN 54 - 3:2001 + A1:2002 + A2:2006
EN 54 - 23:2010
EN 54 - 17:2005 + AC:2007(for isolator)



G216 050
G216051

166p/01
166s/01

Description

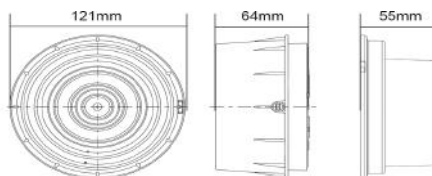
ADEVA's wall mount sounder strobe is a high quality loop powered device designed to alert building occupants of an emergency. It utilises the B501AP base for improved installation flexibility. When triggered by the fire panel its powerful sounder and intense strobe give a visible and audible warning. A choice of output levels and tones make the device suitable for a wide variety of applications.

ADEVA 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. Control of the device is enabled using on-board switches, some of which can also be adjusted through Advanced Protocol. The device is installed simply by a twist fit onto the B501AP base.

ADEVA devices are environmentally friendly and meet the WEEE and RoHS legislative requirements, minimising end of life disposal costs, and are mechanically and electrically backwards compatible.

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Architect/Engineer Specifications



Electrical Specifications

Supply Voltage	15 to 29VDC (Non-isolation) 15 to 29VDC (Isolation)
Standby Current	120µA (Non-isolation) 225µA (Non-isolation)
Max Current Consumption Sounder and Strobe	15.5mA (High Volume Tone 11 @15V)
Max Sound Output	97dB(A) +/- 3dB@1m (High Volume, Tone 8@24V) (Tone dependant - figure stated is based) on high volume 970Hz continuous @24VDC
Strobe Flash Rate	1Hz

Environmental Specifications

Operating Temperature	-25°C to +70°C
Relative Humidity	up to 95% (non condensing)
Ingress Protection	IP21 (with low profile base) IP44 (with surface mount base) IP65 (waterproof base)

Mechanical Specifications

Body Colour	Pure white
Lens Colour	Red, Clear or Amber*
Flash Colour	Red
Weight	238g
Terminal Size	1.5 - 2.5mm ² max
Number of Tones	32
Volume Setting	High, Medium, Low
Mounting Options	Low Profile, Surface or High IP

*Lens availability dependant on order volume

Order 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	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

* Clear lens:
This product is approved to EN5 4-23 as an Open Class device. Coverage details are available on the installation manual.
Red and Amber lens products:
These are not approved to EN5 4-23 (Visual Alarm Devices) and must not be used as a visual alarm device or to provide a primary warning notification of fire.

ADEVA FIRE ALARM SYSTEM

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