

# Advanced Intelligent Addressable Detector Base Sounder Strobe BSS

## 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 - 17:2005 + AC:2007(for isolator)



G212157  
G212158

166h/04

## Description

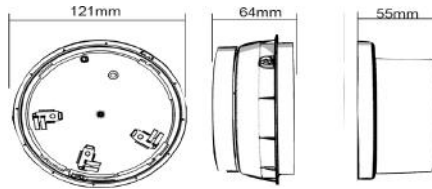
ADEVA'S base sounder strobe is a high quality loop powered device designed to alert building occupants of an emergency. It utilizes the B501AP base for improved installation flexibility and integrates seamlessly with SS intelligent detectors. When triggered by the fire panel its powerful sounder and 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 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.

ADEVA Base sounder strobe forms the perfect base for SS 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. 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.

# Advanced Intelligent Addressable Detector Base Sounder Strobe BSS

## Architect/Engineer Specifications



## Electrical Specifications

Supply Voltage	15 to 29VDC (Non-isolation) 15 to 29VDC (Isolation)
Standby Current	120µA (Non-isolation) 225µA (Isolation)
Max Current Consumption Sounder and Strobe	<13.9mA (High Volume Tone 5 @15V)
Max Sound Output	94dB(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)

## Mechanical Specifications

Body Colour	Pure white or detector white (Ivory)
Lens Colour	Red, Clear or Amber
Flash Colour	Red
Weight	200g
Terminal Size	1.5 - 2.5mm <sup>2</sup> max
Number of Tones	32
Volume Setting	High, Medium, Low
Mounting Options	Low Profile, Surface

\*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

### ADEVA FIRE ALARM SYSTEM

ADEVA PLAZA  
Semah St. No:43  
Serifali / Umraniye / Istanbul  
TURKEY

Tel: +90 (0)216 5982800  
Fax: +90(0)216 5982899  
Email: info@adevafire.com

[www.adevafire.com](http://www.adevafire.com)