

## AS-ABS

The AS-ABS analogue addressable base sounder, for indoor use, is a part of the Sensortec AS Protocol addressable range of devices.

16 different tone options can be selected on the sounder, each of them having one main alarm tone and a separate alert tone. Activating the main alarm tone overrides the alert tone.

The low current analogue addressable sounder AS-ABS can be configured in two ways.

As a sounder base to a Sensortec detector, the AS-ABS is fitted with an STB4-EV-AB base.

AS-ABS can also be used as a stand-alone ceiling mounted sounder, available with an option of either a red or a white cap/plate depending on your fire system requirements.



<b>Model Name</b>	<b>AS-ABS</b>
<b>Application</b>	<b>Type A, indoor use</b>
<b>Part Number</b>	<b>F16-81563</b>
<b>Product range</b>	<b>Sensortec Addressable</b>
<b>Address setting</b>	<b>8-way DIP Switch</b>
<b>Available separately:</b>	<b>Part Number</b>
<b>Detector base UB-4-EV-AB</b>	<b>F03-83020</b>
<b>Red Cover VCT-03-CPR</b>	<b>F06-82411</b>
<b>White Cover VCT-03-CPW</b>	<b>F06-82410</b>
<b>Operating Voltage</b>	<b>22 - 28 VDC</b>
<b>Nominal Voltage</b>	<b>24VDC</b>
<b>Current Consumption:</b>	
<b>Quiescent</b>	<b>300 µA</b>
<b>Alarm, low (750Hz)</b>	<b>4.2 mA</b>
<b>Alarm, high (750Hz)</b>	<b>7.3 mA</b>
<b>Operating Temperature</b>	<b>-10°C to +55°C</b>
<b>Storage Temperature</b>	<b>-20°C to +60°C</b>
<b>Relative Humidity</b>	<b>≤ RH95%</b>
	<b>Non-condensing</b>
<b>IP Rating</b>	<b>IP21C</b>
<b>Weight</b>	<b>91 g</b>
<b>Primary material</b>	<b>Staroy PC/ABS VB-1202F</b>
<b>Dimensions:</b>	
<b>AS-ABS</b>	<b>Ø114mm, H 28mm</b>
<b>AS-ABS/UB-4-EV-AB</b>	<b>Ø114mm, H 40mm</b>
<b>Tone Types</b>	<b>15, see tone table</b>
<b>Volume Control</b>	<b>Low – High Pot.</b>
<b>Frequency Range</b>	<b>440-3000 Hz</b>
<b>Sound Pressure @ 1 metre</b>	
<b>Alarm, Horizontal (Tone 1)</b>	<b>15° - 165°: 72 - 82 dBA</b>
<b>Alarm, Vertical (Tone 1)</b>	<b>15° - 165°: 74 - 91 dBA</b>
<b>Test Standard:</b>	<b>EN54-3:2001</b>
	<b>(Ceiling mounted)</b>
<b>CPR Certificate:</b>	<b>0905-CPR-00498</b>
<b>UKCA Certificate:</b>	<b>0359-UKCA-CPR-00008</b>
<b>Declaration of Performance:</b>	<b>00498</b>
<b>EMC Tested in accordance with</b>	<b>EN 50130-4:1996:A2</b>
	<b>Para: 11, 12 &amp; 13</b>

**End of life disposal:**  
Do not dispose of in general waste or waste destined to end up in landfill.

**Nittan Europe Ltd.**

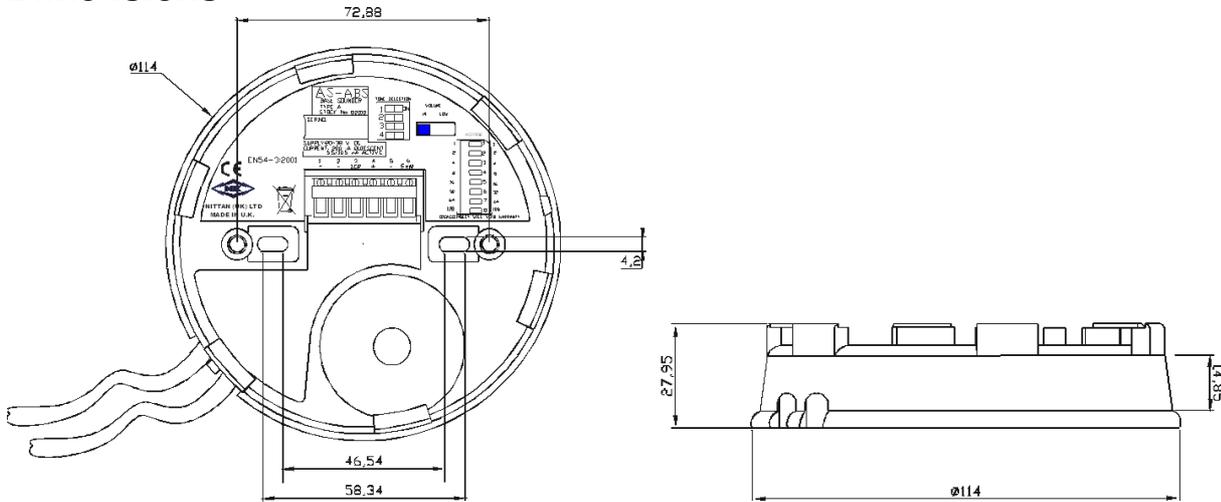


Quality System Certificate No. 041  
Assessed to BS EN ISO 9001:2000

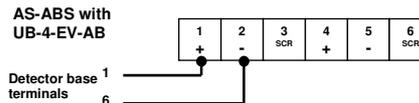
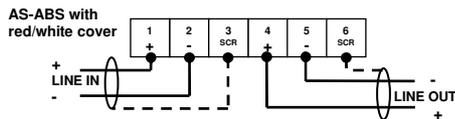
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**Dimensions**



**Connection**



**Tone Table**

Tone	Alarm	Alert	SW1	SW2	SW3	SW4
1 Approved	Standard alarm tone. 750Hz/1000Hz alternating, 0.5s for each tone.	10	ON	ON	ON	ON
2	Warble tone, general use. 850-950Hz sweep at 9Hz.	10	OFF	ON	ON	ON
3	Sweep 1s (UK). 800Hz to 970Hz sweep over 1s, repeating.	10	ON	OFF	ON	ON
4	French fire tone. 440Hz for 400ms, 554Hz for 100ms, repeating.	10	OFF	OFF	ON	ON
5	German DIN tone. 1200Hz to 500Hz sweep over 1s, repeating.	10	ON	ON	OFF	ON
6	Dutch tone. 500Hz to 1200Hz over 3.5s, 0.25s gap, repeating.	10	OFF	ON	OFF	ON
7	Pulsed tone 1s on, 1s off at 750Hz.	10	ON	OFF	OFF	ON
8	Continuous, 750Hz.	10	OFF	OFF	OFF	ON
9	Continuous, 1000Hz.	10	ON	ON	ON	OFF
10	Pulsed tone 1s on, 1s off at 1000Hz.	10	OFF	ON	ON	OFF
11	Alternating at 2250Hz for 0.5s, 3000Hz, for 3s.	10	ON	OFF	ON	OFF
12	Sweep 9Hz. 2250Hz to 3000Hz, repeating.	10	OFF	OFF	ON	OFF
13	Sweep 1Hz. 2250Hz to 3000Hz, repeating.	10	ON	ON	OFF	OFF
14	Continuous, 3000Hz.	10	OFF	ON	OFF	OFF
15	Pulsed tone 1s on, 1s off at 3000Hz.	10	ON	OFF	OFF	OFF
16	Silent (no sound).	10	OFF	OFF	OFF	OFF

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