

# HA121 Electronic Siren, Buzzer, Claxon & Bell

**Applications and users that have traditionally demanded conventional electromechanical claxons, sirens, buzzers and bells can now choose the next generation alternative.**

The technology employed in the Hootronic range features the latest in amplifier and digital to analogue conversion technology. The E2S Hootronic series of products faithfully reproduce the sounds made by legacy electro-mechanical signalling devices but in a modern, reliable and cost effective way.

With output levels of up to 121dB(A) at 1 metre the HA121 surpasses legacy electro-mechanical devices in performance and effectiveness, it is also continuously rated, requires zero maintenance and the signal quality will not degrade with age.

## Features

The products in the Hootronic range have 5 user selectable 'traditional' sounds including:

- Tone 1 : Industrial Claxon
- Tone 2 : High Frequency Mechanical Siren
- Tone 3 : Medium Frequency Mechanical Siren
- Tone 4 : Electro Mechanical Buzzer
- Tone 5 : Mechanical Bell

Each of these sounds have two additional, remotely selectable, alarm stages.

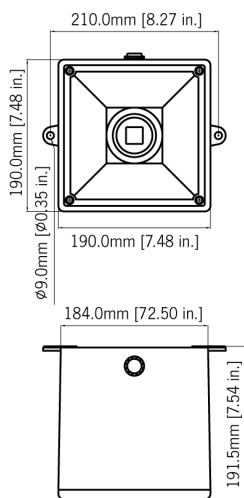
Remote switch generates genuine 'tail off' to sound when alarm is terminated.

- Automatic synchronisation on multi-sounder system.
- Continuously rated.
- Stainless steel fixings.
- Unit can be mounted using external lugs or internal BESA compatible fixing positions.
- Duplicate cable terminations (in & out for daisy-chain installations).
- Tropicalisation available on request.

## Approvals

- GOST-R certificate: POCC GB.JB05. H00144





## Specification

Nominal output: 121dB(A) @ 1m +/- 3dB - Tone 2 [112dB(A) @ 10ft/3m]

No. of tones: 5

No. of stages: 3

Volume control: Max. 121dB(A);  
Min. 112dB(A) approx.

Effective range: 300m/984ft @ 1KHz

Voltages DC: 24V dc (10-30V dc);

Voltages AC: 115V ac; 230V ac

Ingress protection: IP66

Housing material: High impact UL94 V0 & 5VA FR ABS

Colour: Red (RAL3000) & grey (RAL7038)

Cable entries: 2 x M20 clearance gland knockouts  
in side & back

Terminals: 0.5 to 4.0mm<sup>2</sup> cables.

Operating temp: -25 to +55°C [-13° to +131°F]

Storage temp: -40 to +70°C [-40° to +158°F]

Relative humidity: 90% at 20°C [68°F]

Weight: DC: 2.10kg/4.62lbs AC:2.70kg/5.94lbs

## Part Codes

**Version**      **Part code:**  
24V dc            HA121DC24[x]

115V ac           HA121AC115[x]

230V ac           HA121AC230[x]

[x] = Housing      G: Grey, R: Red  
colour:

## Alarm Sounder

Version:		Voltage:	Current :
24V dc		10-30V dc	375mA*
115V ac	50/60Hz	+/-10%	160mA
230V ac	50/60Hz	+/-10%	75mA

\* current at nominal voltage

### Tone table

<b>S 1</b>	<b>Description</b>	<b>S 2</b>	<b>S 3</b>
T 1	Industrial Claxon	T 3	T 5
T 2	High Frequency Mechanical Siren	T 1	T 5
T 3	Medium Frequency Mechanical Siren	T 1	T 5
T 4	Electro Mechanical Buzzer	T 2	T 5
T 5	Mechanical Bell	T 1	T 2