

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.

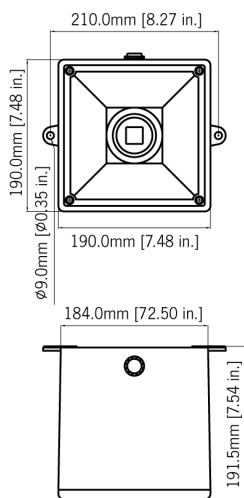
Remote switch generates genuine 'tail off' to sound when alarm is terminated.

- 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

EAC: RU D-GB.GA05.B.12595-20





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 (18-30V 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 4.0mm² 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:

Current Consumption

| Product Version: | Nominal Voltage: | Voltage Range: | Current Consumption: |
|------------------|------------------|----------------|----------------------|
| DC024 | 24Vdcc | 18-30Vdc | 375mA |
| AC115 | 115Vac 50/60Hz | 103.5-126.5Vac | 160mA |
| AC230 | 230Vac 50/60Hz | 207-253Vac | 75mA |

Tone table

| S 1 | Description | S 2 | S 3 |
|------------|-----------------------------------|------------|------------|
| 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 |