

# HAB121RTH 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 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 HAB121RTH 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:

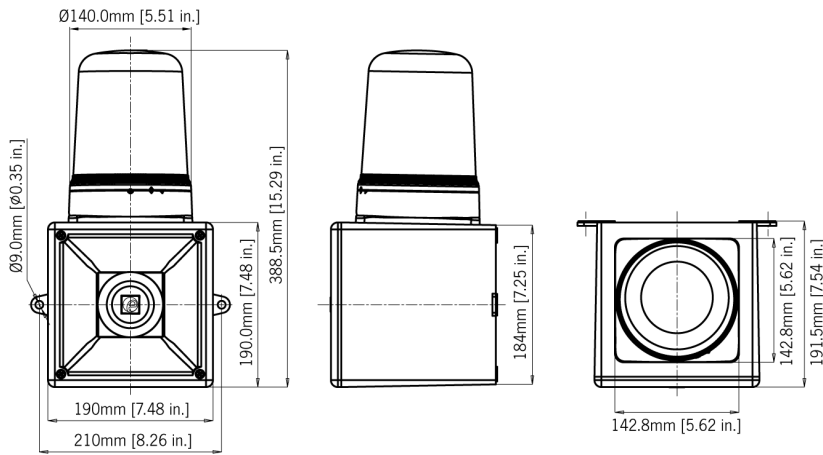
- Tone 1 : Industrial Claxon
- Tone 2 : High Frequency Mechanical Siren
- Tone 3 : Medium Frequency Mechanical Siren
- Tone 4 : Electro Mechanical Buzzer
- Tone 5 : Mechanical Bell

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.





## Specification

### Hootronic Sounder:

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

### Beacon:

Light source: Halogen Bulb G6,35 / GY6,35.

Light output: max 40W

Rotation: 180RPM (+/-30RPM).

Peak Candela: 1,204 cd

Candela: 325 cd\* (effective intensity)

Lens colours: Amber, Blue, Clear, Green, Red & Yellow

Drive life: > 5,000 hrs

### General:

Voltages DC: 12V dc; 24V 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

\*Candela measurements representative of performance with clear lens at optimum voltage.

\*SPL data +/-3dB(A). Measured at optimum voltage.

## Part Codes

**Version**                      **Part code:**                      **Wattage:**

12V dc                      HAB121RTHDC12[x]/[y]

35W

24V dc                      HAB121RTHDC24[x]/[y]

35W

115V ac                      HAB121RTHAC115[x]/[y]

40W

230V ac                      HAB121RTHAC230[x]/[y]

40W

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

[y] = Lens colour: A: Amber, B: Blue, C: Clear  
G: Green, R: Red, Y: Yellow

## 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

## Rotating Beacon

**Version:**                      **Wattage:**                      **Current:**

12V dc                      35W                      3.0A

24V dc                      35W                      1.54A

115V ac                      50/60Hz                      40W                      338mA

230V ac                      50/60Hz                      40W                      186mA

### 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