

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.

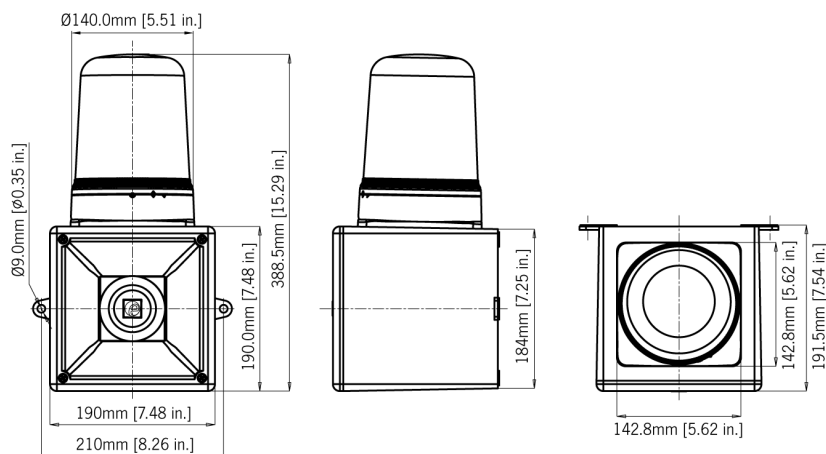
Remote switch generates genuine 'tail off' to sound when alarm is terminated.

- 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.

Approvals

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





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:	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 ² 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	

Current Consumption

Product Version:	Nominal Voltage:	Voltage Range:	Beacon Current:	Horn Current:
DC024	24Vdc	18-30Vdc	1540mA	375mA
AC115	115Vac 50/60Hz	103.5-126.5Vac	338mA	160mA
AC230	230Vac 50/60Hz	207-253Vac	186mA	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