

HAB105RTH 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 112dB(A) at 1 metre the HAB105TRH 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:

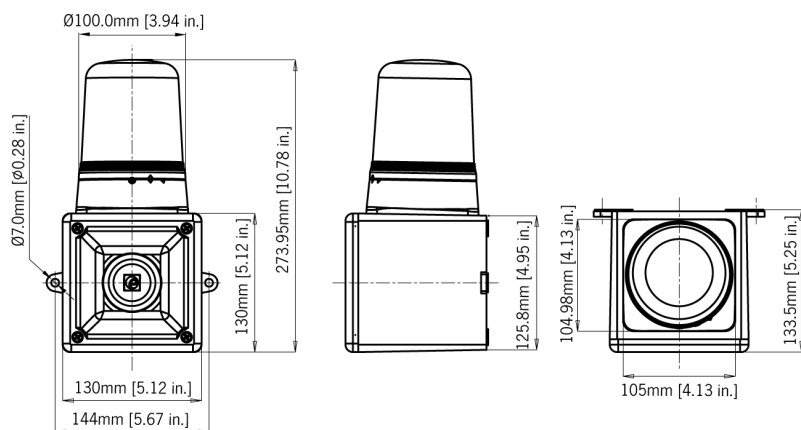
- Tone 1 : Industrial Claxon
- Tone 2 : High Frequency Mechanical Siren
- Tone 3 : Medium Frequency Mechanical Siren
- Tone 4 : Electro Mechanical Buzzer
- Tone 5 : Mechanical Bell

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:	112dB(A) @ 1m +/- 3dB - Tone 2 [103dB(A) @ 10ft/3m]
No. of tones:	5
No. of stages:	3
Volume control:	Max. 112dB(A); Min. 103dB(A) approx.
Effective range:	60m/197lbs @ 1KHz

Beacon:

Light source:	Halogen Bulb G6,35 / GY6,35.
Light output:	max 25W
Rotation:	180RPM (+/-30RPM).
Peak Candela:	821 cd
Candela:	125 cd* (effective intensity)
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Drive life:	> 5,000 hrs

General:

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 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: 1.00Kg/2.2lbs AC:1.25kg/2.75lbs

*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	HAB105RTHDC12[x]/[y]	20W
24V dc	HAB105RTHDC24[x]/[y]	20W
115V ac	HAB105RTHAC115[x]/[y]	25W
230V ac	HAB105RTHAC230[x]/[y]	25W

[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	185mA*
115V ac	50/60Hz +/-10%	50mA
230V ac	50/60Hz +/-10%	25mA

* current at nominal voltage

Rotating Beacon

Version:	Wattage:	Current:
12V dc	20W	1.72A
24V dc	20W	910mA
115V ac	50/60Hz 25W	216mA
230V ac	50/60Hz 25W	117mA

Tonetable

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