

# 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.

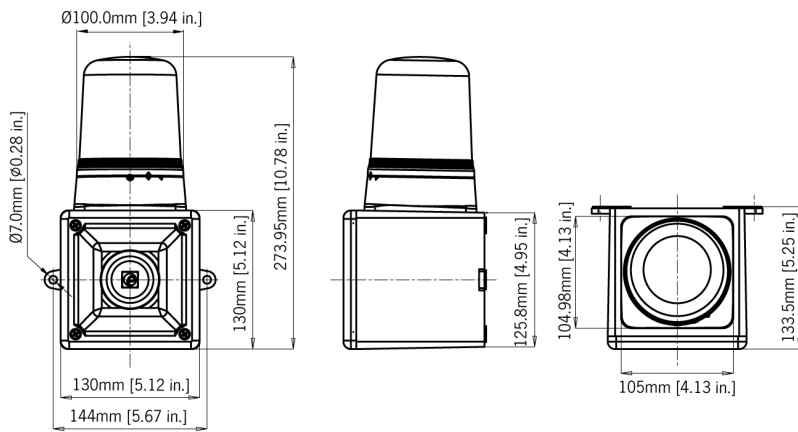
Remote switch generates genuine 'tail off' to sound when alarm is terminated.

- 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.

## Approvals

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





## 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 (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 4.0mm <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: 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	

## Current Consumption

Product Version:	Nominal Voltage:	Voltage Range:	Beacon Current:	Horn Current:
DC024	24Vdc	18-30Vdc	910mA	375mA
AC115	115Vac 50/60Hz	103.5-126.5Vac	216mA	160mA
AC230	230Vac 50/60Hz	207-253Vac	117mA	75mA

### Tone table

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