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 electromechanical 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

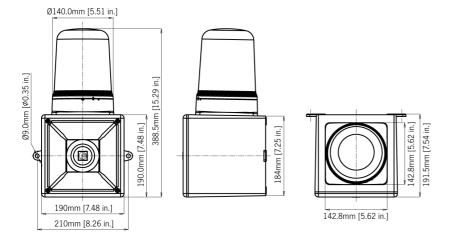
Remote switch generates genuine 'tail off' to sound when alarm is terminated.

- 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

н	ootro	nic	Soun	der

Hootronic Sour	ider:
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 G 6,35 / 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:	12 V dc; 2 4 V dc
Voltages AC:	115V ac; 230V ac
Ingress protection:	IP66
Housing material:	High impact UL94 VO & 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
*Candala massura	ments representative of performance with clear lens a

 $^{^\}star \text{Candela}$ measurements representative of performance with clear lens at optimum voltage.

Part Codes

Version	Part code:	Wattage:
12 V dc	HAB121RTHDC12[x]/[y]	35W
2 4V dc	HAB121RTHDC24[x]/[y]	35W
115V ac	HAB121RTHAC115[x]/[y]	40W
230V ac	HAB121RTHAC230[x]/[y]	40W
[x] = Housing colour:	G: Grey R: Red	
F 3 1 1	A A I D DI O OI	

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

Alarm Sounder

Version:		Voltage:	Current:	Current:	
24V dc		10-30V dc	375mA*		
115V ac	50/60Hz	+/-10%	160mA		
230V ac	50/60Hz	+/-10%	75mA		
* current at n	ominal voltage				

Rotating Beacon

Version:		Wattage:	Current:	
12 V dc		35W	3.0A	
2 4V dc		35W	1.54A	
115V ac	50/60Hz	40W	338mA	
2 30V ac	50/60Hz	40W	186mA	

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

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

AUTHORIZED DISTRIBUTOR: GasDetectorsUSA.com Houston, Texas USA sales@GasDetectorsUSA.com 832-615-3588

E2S Warning Signals 28 Dec 2014