

HA105N Electronic Siren, Buzzer, Claxon & Bell,

Applications and users that have traditionally demanded conventional electromechanical calxons, sirens, buzzers and bells can now choose the next generation alternative.

The technology employed in the Hootronic range features the latest in amplifier and digital to analogue conversion technology. 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 HA105N 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.

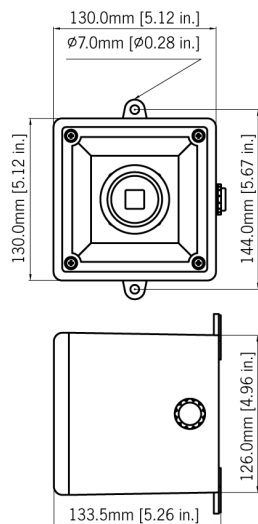
Features

The products in the Hootronic range have 5 user selectable 'traditional' sounds including:

Approvals

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





Specification

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/197ft @ 1KHz

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 4.0mm² 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: 0.75kg/1.65lbs AC: 1.00kg/2.2lbs

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

Part Codes

Version **Part code:**
24V dc HA105NDC24[x]

115V ac HA105NAC115[x]

230V ac HA105NAC230[x]

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

Current Consumption

Product Version:	Nominal Voltage:	Voltage Range:	Current Consumption:
DC024	24Vdccc	18-30Vdc	185mA
AC115	115Vac 50/60Hz	103.5-126.5Vac	50mA
AC230	230Vac 50/60Hz	207-253Vac	25mA

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