

# HMCA112-05 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 122dB(A) at 1 metre the HMCA112-05 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.

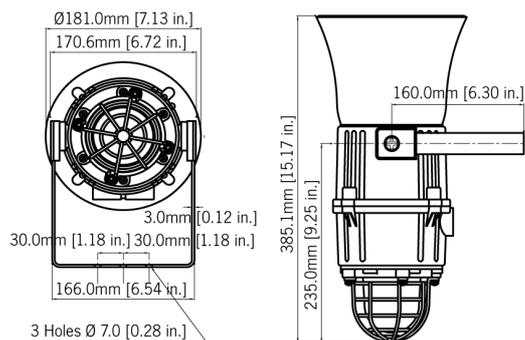
Remote switch generates genuine 'tail off' to sound when alarm is terminated.

- Automatic synchronisation on multi-sounder system.
- Continuously rated.
- Large termination area.
- Stainless steel fixings.
- Ratchet adjustable stainless steel 'U' bracket for 360° positioning.
- Duplicate cable terminations (in & out for daisy-chain installations).
- Tropicalisation available on request.



## Approvals

- GOST-R certificate: POCC GB.JB05.H00144



## Specification

### Hootronic Sounder:

Nominal output:	122dB(A) @ 1m +/- 3dB [113dB(A) @ 10ft/3m]
No. of tones:	5
No. of stages:	3
Volume control:	Max. 122dB(A); Min. 113dB(A) approx.

### Beacon:

Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	500,000 cd - calculated from energy (J)
Effective Intensity cd:	250 cd - calculated from energy (J)
Peak Candela:	16,428 cd* - measured ref. to I.E.S.
Effective Intensity cd:	51 cd* - measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Tube life:	Emissions are reduced to 70% after 8 million flashes

### General:

Voltages DC:	12V dc; 24V dc
Voltages AC:	115V ac; 230V ac
Ingress protection:	IP66 & IP67 (Third party tested)
Housing material:	High impact UL94 V0 & 5VA FR ABS
Colour:	Grey (RAL7038)
Cable entries:	2 x M20 supplied with 1 blanking plug
Lens material:	Borosilicate glass dome with PC prismatic lens cover.
Guard:	Stainless Steel dome guard as standard
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: 3.00kg/6.6lbs AC:3.50kg/7.7lbs

†\*Candela measurements representative of performance with clear lens at optimum voltage.

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

## Part Codes

Version	Part code:
12V dc	HMCA11205DC12G-xx
24V dc	HMCA11205DC24G-xx
115V ac	HMCA11205AC115G-xx
230V ac	HMCA11205AC230G-xx

[xx] = Lens colour: AM: Amber, BL: Blue, CL: Clear, GN: Green, RD: Red, YW: Yellow

## Alarm Sounder

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

\* current at nominal voltage

## Xenon Beacon

Version:	Wattage:	Current:
12V dc	10-14V dc	550mA
24V dc	20-28V dc	300mA
115V ac	50/60Hz +/-10%	140mA
230V ac	50/60Hz +/-10%	55mA

### Tonetable

<b>S 1</b>	<b>Description</b>	<b>S 2</b>	<b>S 3</b>
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:**  
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**832-615-3588**