

# SONF1-HO High Output Alarm Horn Sounder

The SONF1-HO is a compact, high output, 105dB(A) alarm sounder. Low current consumption and high SPL in a robust fire retardant housing ensures suitability for all general signalling applications including fire, security and process control.

Sonora range offers compact audio visual signaling for fire, industrial, process control and machine safety applications. The range features low current consumption combined with high performance. The SONF1-HO features a maximum output of 105dB(A) at 1 metre with a current consumption of just 80mA. CPR compliant, tested to EN54-3 and VdS approved.

## Features

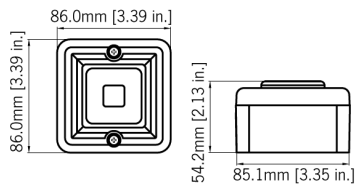
- Automatic synchronisation on multi-sounder system.
- Continuously rated.
- Stainless steel fixings.
- Mounting via internal BESA compatible fixing positions (standard version) or via external mounting lugs.
- Duplicate cable terminations (in & out for daisy-chain installations).
- Tropicalisation available on request.
- Available with custom tone configurations and frequencies.

## Approvals

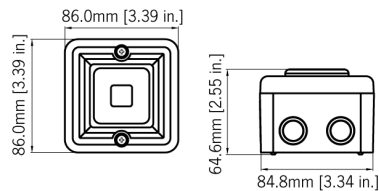
- VdS approved to EN54-3 (CPD 89/106/EEC).
- UKOOA/PFEER compliant alarm tones.
- GOST-R approved. Cert: POCC GB.JB05.H00144.



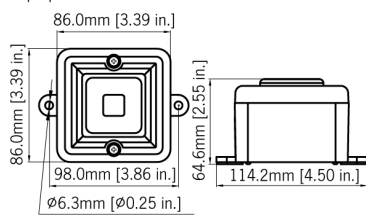
L101 Backbox



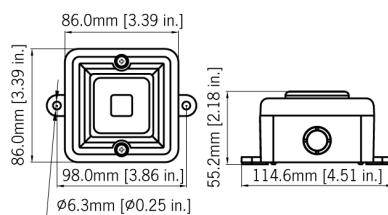
Sonora Backbox



Multi-purpose Backbox



A100 Backbox



## Specification

Maximum output:	105dB(A) @ 1 metre [96dB(A) @ 10ft/3m]
Nominal output:	103dB(A) @ 1m +/- 3dB - Tone 1 [94dB(A) @ 10ft/3m]
No. of tones:	10 (UK00A / PFEER compliant)
No. of stages:	2
Effective range:	32m/105ft @ 1KHz
Voltages DC:	12V dc; 24V dc [Reverse polarity diode protection]
Ingress protection:	IP66
Housing material:	High impact UL94 V0 & 5VA FR ABS
Colour:	Red (RAL3000), grey (RAL7038) & white.
Cable entries:	4 x M20 clearance gland knockouts in side & back
Terminals:	0.5 to 1.5mm <sup>2</sup> cables.
Operating temp:	-25 to +55°C [-13° to +131°F]
Storage tempe:	-40 to +70°C [-40° to +158°F]
Relative humidity:	90% at 20°C [68°F]
Weight:	0.30kg/0.66lbs

## Part Codes

Version:	Part code:
12V dc	SONF1DC12[b][x]-H
24V dc	SONF1DC24[b][x]-H
[b] = Back box type:	No identifier: Sonora type - 3 x side & 1 x rear 20mm knockouts A: A100 type with lugs - 2 x side & 1 x rear 20mm knockouts M: Multi type with lugs - 1 x side 20mm entry with stopping plug
[x] = Enclosure colour:	G: Grey (RAL7038) R: Red (RAL3000) W: White

## Current Consumption

Version:	Voltage:	Current:
12V dc	10-18V dc	50mA
24V dc	18-30V dc	80mA

## Tone table

### S 1 Description

S 1	Description	S 2
T 1	800/1000Hz @ 0.25 sec Alternating	T 8
T 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	T 1
T 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	T 8
T 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001	T 9
T 5	Bell	T 1
T 6	800/1000Hz @ 7Hz Sweeping	T 8
T 7	500-1200Hz 3.75sec /0.25sec. Australian Evac.	T 10
T 8	\2.1000Hz Continuous - PFEER Toxic Gas	
T 9	\2.Continuous 554Hz	