

SONF1-HO High Output Alarm 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 ensure the SONF1-HO is suitable for all general signalling applications including fire, security and process control.

Features

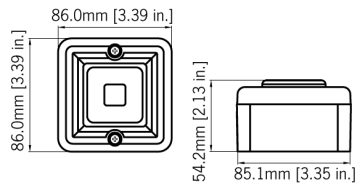
- Automatic synchronisation on multi-sounder system.
- Continuously rated.
- Stainless steel fixings.
- Mounting via internal BESA compatible fixing positions (standard version) or via external mounting lugs.
- Duplicate cable terminations (in & out for daisy-chain installations).
- Tropicalisation available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

Approvals

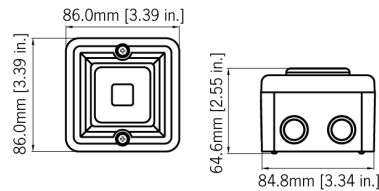
- VdS approved to EN54-3 (CPD 89/106/EEC).
- UKOOA/PFEER compliant alarm tones.
- GOST-R approved. Cert: POCC GB.JB05.H00144.



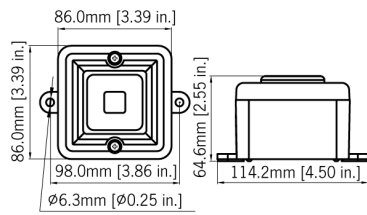
L101 Backbox



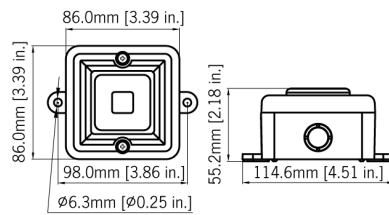
Sonora Backbox



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 (UKOOA / 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 ² 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 [x]-H |
| 24V dc | SONF1DC24[x]-H |

A100 back box with mounting lugs:

| | |
|--------|-----------------|
| 12V dc | SONF1DC12A[x]-H |
| 24V dc | SONF1DC24A[x]-H |

[x] = Housing colour: G: Grey R: Red W: White

Alarm Sounder

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

Tonetable

| 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 | 1000Hz Continuous - PFEER Toxic Gas | |
| T 9 | Continuous 554Hz | |
| T 10 | 420Hz @ 0.625 sec Australian Alert | |

Where applicable following tones are available on AC voltage versions:

Stage **Frequency Description
1**

| | |
|------|-----------------------------------------------|
| T 1 | 800/1000Hz @ 0.25 sec Alternating |
| T 2 | 500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop |
| T 3 | 1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P. |
| T 4 | 544Hz (100mS)/440Hz (400mS) - NF S 32-001 |
| T 5 | 1000Hz Continuous - PFEER Toxic Gas |
| T 6 | Bell |
| T 7 | 800/1000Hz @ 7Hz Sweeping |
| T 8 | 2 400/2900Hz @ 50Hz Sweeping |
| T 9 | 420Hz @ 0.625 sec Australian Alert |
| T 10 | 500-1200Hz 3.75sec /0.25sec. Australian Evac. |