

SOUNDERS – Up to 110 dB(A) - DB12 Range for Harsh, Industrial & Marine Environments

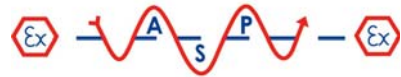


Introduction

This range of sounders has been specially designed for use in demanding industrial and marine environments where a robust construction and high ingress protection rating is required.

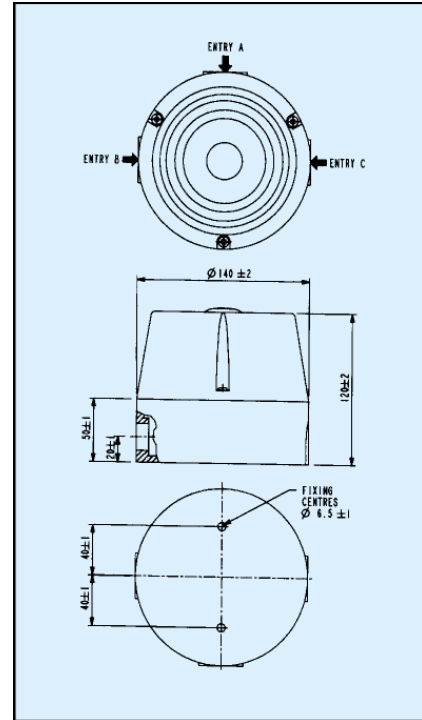
The body is manufactured completely from a UV stable glass reinforced polyester which is also highly flame retardant and impact resistant. Stainless Steel screws are incorporated thus ensuring a corrosion free product.

- IP66 & IP67.
- Operating temperature –55C to +70C.
- Corrosion resistant red GRP.
- Up to 110 dBA output.
- 27 tones, user selectable.
- Tones comply with UKOOA/PFEER guidelines.
- Any two tones may be switched by the external voltage supply (d.c. version).
- Retained stainless steel cover screws.
- Available compliant to AFNOR NF S 32 001



Specification

Material	UV stable glass reinforced polyester. Retained stainless steel cover screws.										
Finish	Self coloured red as standard orepoxy coated to customer's specification										
Sound Output	1073dB(A) at 1 metre. Typical value only – variable with tone.										
Volume Control	Integral volume control *Output measured with 24V input voltage. Tone set to 2850Hz continuous.										
	<table border="1"> <thead> <tr> <th>*Nominal Output (dBa)</th> <th>Input Current (mA)</th> </tr> </thead> <tbody> <tr> <td>92</td> <td>60</td> </tr> <tr> <td>100</td> <td>70</td> </tr> <tr> <td>104</td> <td>80</td> </tr> <tr> <td>109</td> <td>90</td> </tr> </tbody> </table>	*Nominal Output (dBa)	Input Current (mA)	92	60	100	70	104	80	109	90
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Tone Selection: Single Stage DB12: Two Stage Unit DB12P:	27 user selectable tones Switchable between any two tones by either: (i) Reversing the polarity of the supply, or (ii) by a 3 wire common +ve system, switching between the two -ve lines. <i>Note: Two stage unit available in d.c. versions only.</i>										
Weight	1.0 kg. d.c., 1.2kg a.c.										
Operating Temperature	-55C to +70C.										
Ingress Protection	IP66 & IP67										
Voltage	DC: 12V, 24V. AC: 115/230V.										
Current Consumption	24V operation 55mA - 100mA. / 115V operation 85mA - 140mA. / 12V operation 55mA - 90mA. / 230V operation 45mA - 60mA.										
Terminals	6 x 2.5mm ²										
Labels	Duty and tag labels available										
Cable Entries	Up to 3 x M20 via knockouts										
AFNOR NF S 32 001	Compliant version available – contact sales office for details										



Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box. **Standard product, available ex-stock, as follows:**

Product	Description
DB12P024NN	Weatherproof, 110dB(A), 24V d.c., two stage sounder, 27 tones, natural red GRP.
DB12115NN	Weatherproof, 110dB(A), 115-230V a.c., single stage sounder, 27 tones, natural red GRP.

Unit Type		Voltage		Labels		Colour	
Type	Details	Voltage	Code	Label	Code	Colour	Code
DB12	Standard Unit	12V d.c.	012	Duty	D*	Natural Red	N
DB12P	Two Stage (d.c. only)	24V d.c.	024	Tag	T*	Special	S*
		115/230V a.c.	115	None	N	*Please specify N.B. Natural red GRP may fade with exposure to sunlight – specify painted finish if unit is to be used outdoors.	
				*Please specify wording			

Supplied by:

A.S.P. Electro-Technology Ltd
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Electrical Products & Instrumentation

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This publication is not intended to form the basis of a contract. All the above specifications, dimensions, weights, tolerances etc are typical and may be varied or changed by the manufacturer without prior notice. A.S.P. Electro-Technology accept no liability for consequence of use.