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

IP66/67 Weatherproof Corrosion Free All GRP



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.

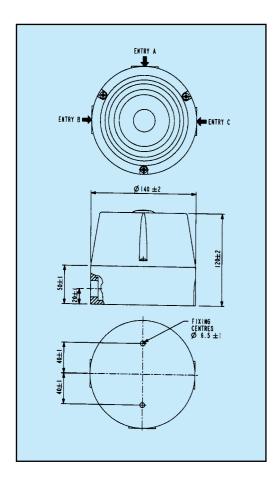
The body is manufactured completely from a UV stable glass reinforced polyester which is also highly flame retardant and impact resistant. Stainless steel screws are incorporated thus ensuring a corrosion free product.

MEDC can also provide a range of sounders suitable for use in potentially explosive atmospheres.

For more information, refer to the catalogue or contact MEDC.

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





Specification

Material:	${\sf UV} stable glass reinforced polyester. Retained stainless steel cover screws.$		
Finish:	Painted red as standard or to customer's specification.		
Sound Output:	107± 3dB(A) at 1 metre. Typical value only – variable with tone.		
Volume Control:	Integral volume control.		
	*Nominal Output (dBa)	Input Current (mA)	
	92 100 104 109	60 70 80 90	
	***	Λ/:	005011

 $^*Output measured with 24 Vinput voltage. To ne set to 2850 Hz continuous.\\$

Tone Selection:

Single Stage DB12: 27 user selectable tones.

Two stage Unit DB12P: 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.

Note: Two stage unit available in d.c. versions only.

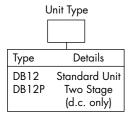
Weight:	1.0 kg. d.c., 1.2kg a.c.	
Operating Temperature:	–55°C to +70°C.	
Ingress Protection:	IP66 & IP67.	
Voltage:	DC: 12V, 24V. AC: 115/230V.	
Current Consumption:	24V operation 55mA - 100mA. 12V operation 55mA - 90mA.	115V operation 8.5mA - 14mA. 230V operation 4.5mA - 7mA.
Terminals:	$6 \times 2.5 \text{mm}^2$.	
Labels:	Duty and tag labels available.	
Cable Entries:	Up to 3 x M20 via knockouts.	
AFNOR NF S 32 00	1 compliant version available – con	tact sales office for details.

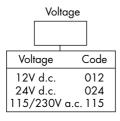
AFNOR NF 5 32 001 compliant version available – contact sales office for details.

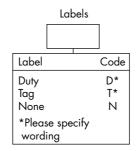
Ordering Requirements

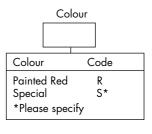
The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box. **Standard product, available ex-stock, as follows:**

Product	Description
DB12P024NR	Weatherproof, 110dB(A), 24V d.c., two stage sounder, 27 tones, painted red GRP.
DB12115NR	Weatherproof, 110dB(A), 115-230V a.c., single stage sounder, 27 tones, painted red GRP.











All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.