

# DP 4EN

## UNIDIRECTIONAL SOUND PROJECTOR

### DESCRIPTION

DP 4EN is a unidirectional sound projector featuring an elegant aesthetic and easy orientation, suitable for the sonorization of commercial and industrial environments where a good sound quality and high intelligibility and efficiency are required. It features a cylindrical plastic body with aluminium grille and U-bracket support. Thanks to its IP55 protection grade, it can be installed both indoor and outdoor.



### FEATURES

- 4" fullrange transducer.
- Power selectable (100 V): 10 W – 5 W – 2.5 W.
- 91 dB sensitivity.
- Colour grey RAL 7035.
- Flameproof ABS body, aluminium grille and bracket.
- In/out ceramic terminal block.
- Thermal fuse protection.
- Protection grade IP55.

**TECHNICAL SPECIFICATIONS**

<b>Acoustical specifications</b>	Frequency Response (-10dB):	180 Hz ÷ 16000 Hz
	Max SPL @ 1m:	101 dB
	Max SPL @ 4m:	89 dB
	Coverage angle:	180°
	System Sensitivity:	91 dB
	System Sensitivity 1W @ 4m:	79 dB
<b>Power section</b>	Power Handling:	10 W
	Peak Power Handling:	40 W PEAK
	Protections:	Thermal fuse
	Recommended Amplifiers:	DXT 3000, DXT 4000, DXT 7000
<b>Transducers</b>	Fullrange:	4.0"
<b>Input/Output section</b>	Input connectors:	Ceramic screw terminals
	Output connectors:	Ceramic screw terminals
	Constant Voltage Transformer:	100 V
	Power selection 1:	10 W - 1000 ohm
	Power selection 2:	5 W - 2000 ohm
	Power selection 3:	2.5 W - 4000 ohm
<b>Standard compliance</b>	IP protection grade:	IP 55
	Safety agency:	CE compliant
	EN54-24 certified:	Yes
	CPR number:	0068-CPR-085/2017
<b>Physical specifications</b>	Color:	Grey - RAL 7035
<b>Size</b>	Depth:	200 mm / 7.87 inches
	Diameter:	137 mm / 5.39 inches
	Weight:	1.3 kg / 2.87 lbs
<b>Shipping information</b>	Package Height:	290 mm / 11.42 inches
	Package Width:	190 mm / 7.48 inches
	Package Depth:	160 mm / 6.3 inches
	Package Weight:	1.3 kg / 2.87 lbs

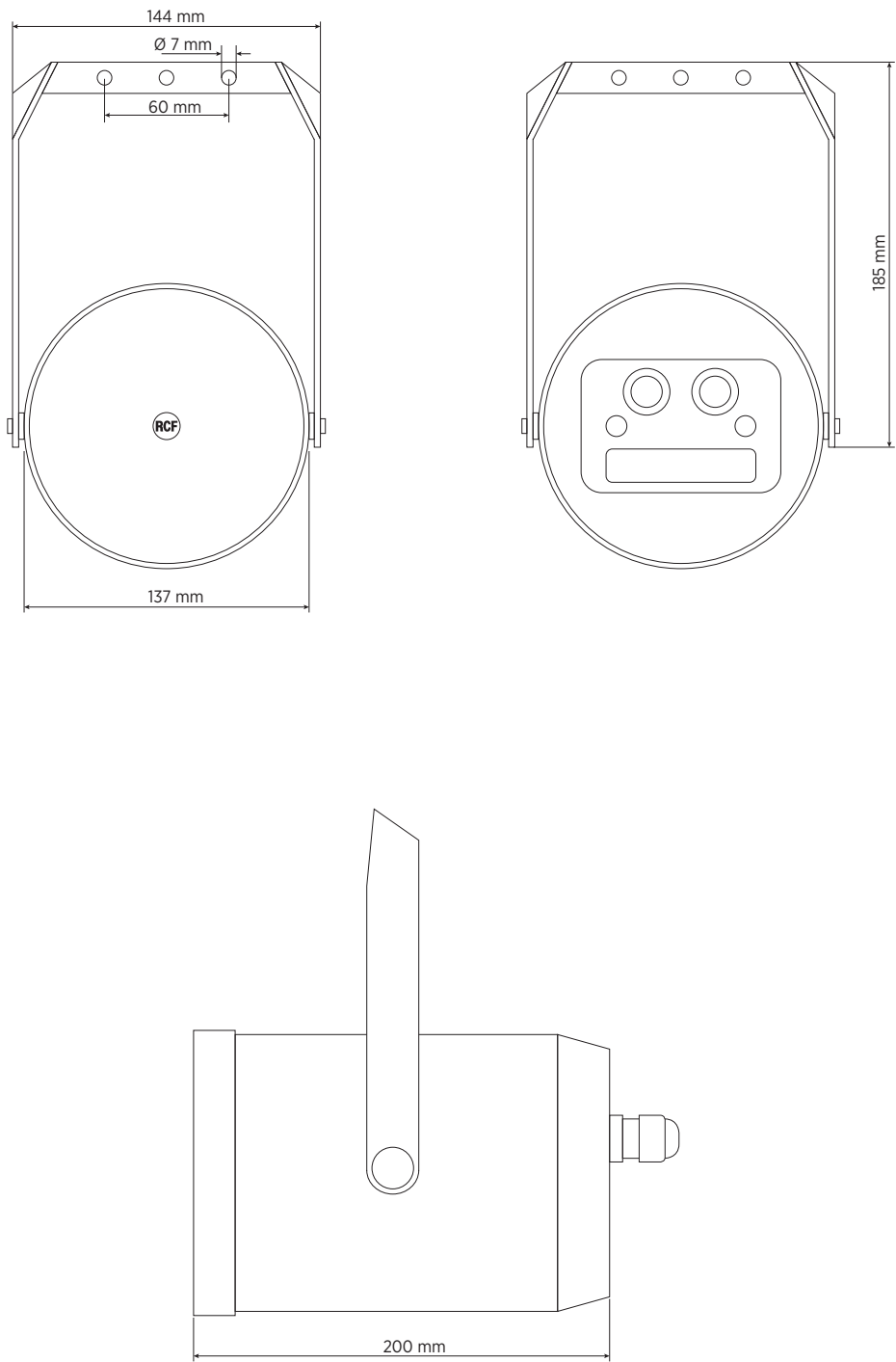
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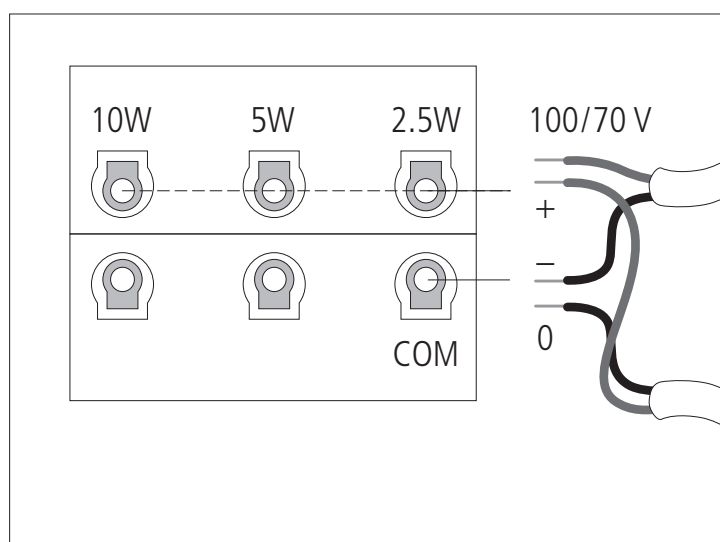
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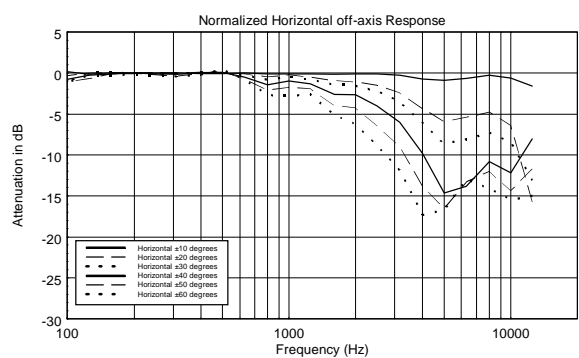
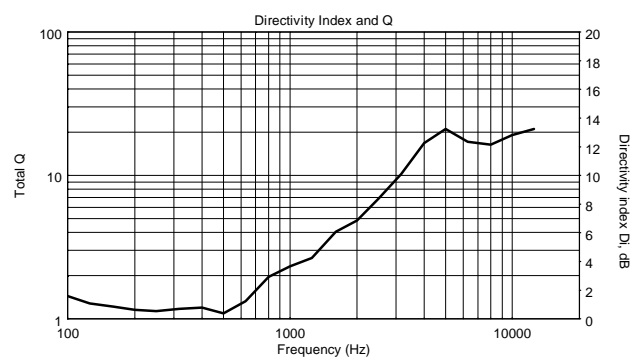
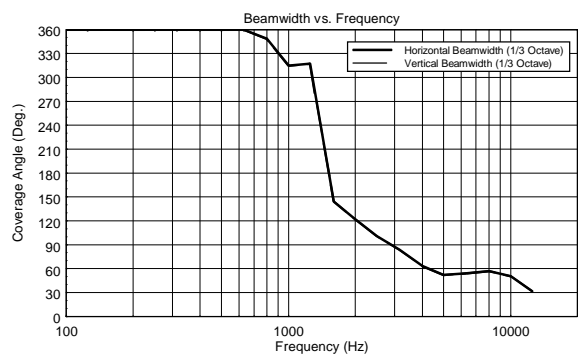
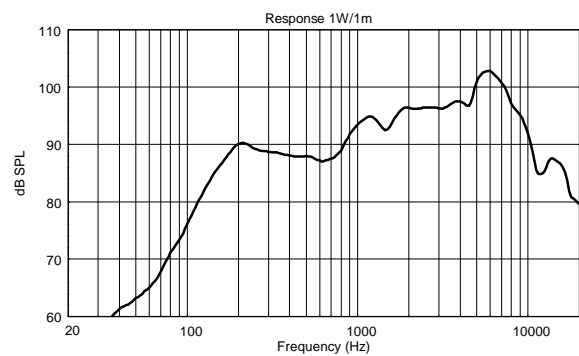
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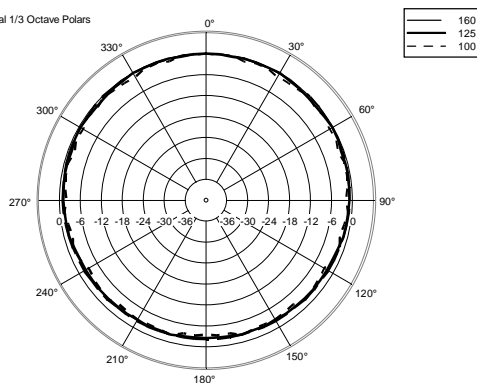
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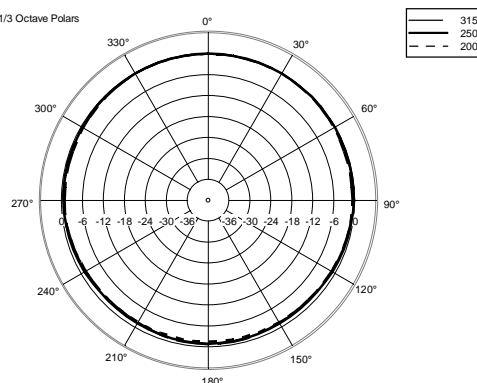
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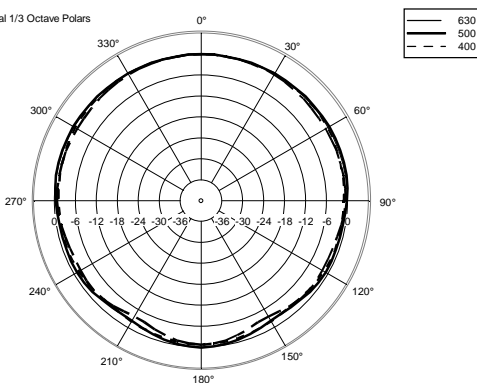
Horizontal 1/3 Octave Polars



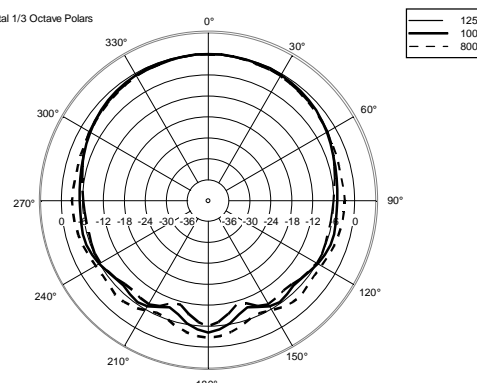
Horizontal 1/3 Octave Polars



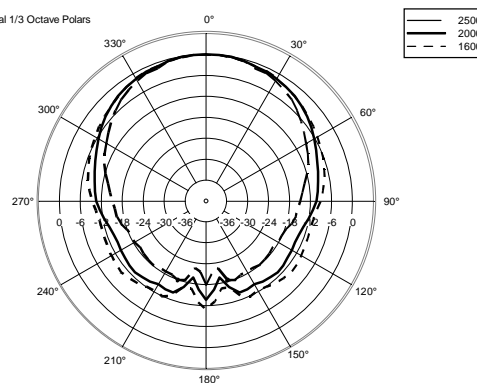
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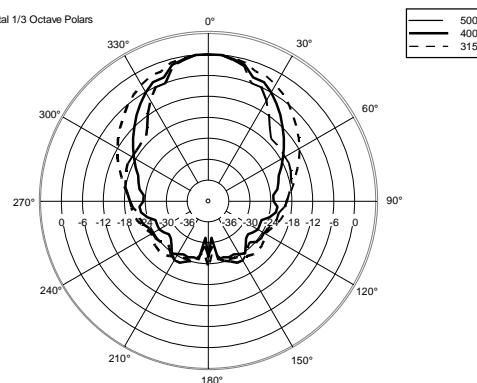
Horizontal 1/3 Octave Polars



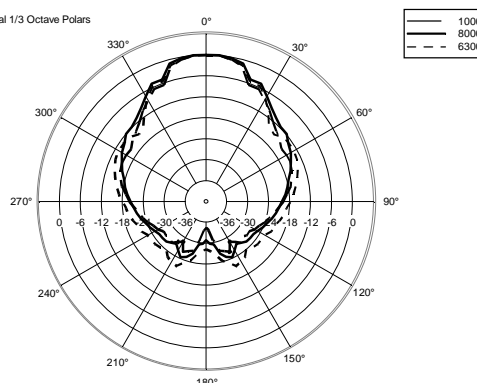
Horizontal 1/3 Octave Polars



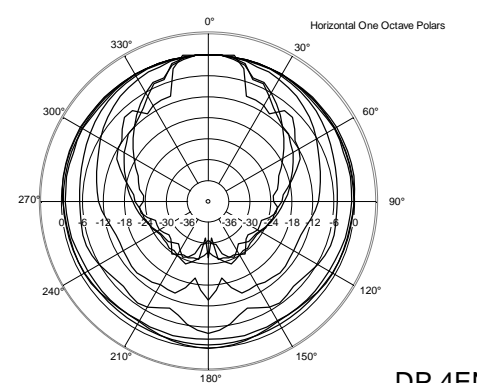
Horizontal 1/3 Octave Polars



Horizontal 1/3 Octave Polars



Horizontal One Octave Polars





**ACCESSORIES**

## A&E SPECIFICATIONS

The product shall be a weatherproof unidirectional sound projector suitable for broadcasting background music into commercial spaces, but also alarm messages, thanks to the highly intelligible voice reproduction and the EN 54-24 certification.

It shall have IP55 protection grade for both indoor and outdoor installations.

It shall feature a cylindrical plastic body with an aluminium grille and a U-bracket support.

The terminal connection blocks, for input and output flameproof cables, shall be made of ceramic material. A thermal fuse shall protect the line integrity in case of heat affecting the speaker.

## NOTES

NO CAUTION is NECESSARY in case of ALERTED PERSON for AUDIO voltages up to 120V, when warning symbols are present near the connection terminals. In the case of AUDIO voltages up to 71V, it is not even necessary to put warning symbols.

No need of linking to earth metal parts of speakers equipped with transformers and connected to 70.7 V / 100 V outputs of power amplifiers that do not have any reference to earth (ref. EN 62368-1 item 4.3.2.2 ), unless specific local requirements.