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PROFESSIONAL LOUDSPEAKERS
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TD-1496P

CONSTANT DIRECTIVITY HORN

KEY FEATURES

- Designed for compression drivers with 1,4” (36 mm) throat diameter
- Coverage angles of 90° in the horizontal plane and 60° in the vertical plane
- Precise directivity control in the band pass
- Squared design, offering rotatable mounting alternatives
- Heavy-duty reinforced polycarbonate construction
- F.E.M optimized flare



TECHNICAL SPECIFICATIONS [1]

Throat diameter	36 mm	1,4 in
Nominal Coverage Horizontal		90°
Nominal coverage Vertical		60°
Directivity Index (DI)		9,3 dB
Cut-off frequency		800 Hz
Material	Reinforced Polycarbonate	

MOUNTING INFORMATION

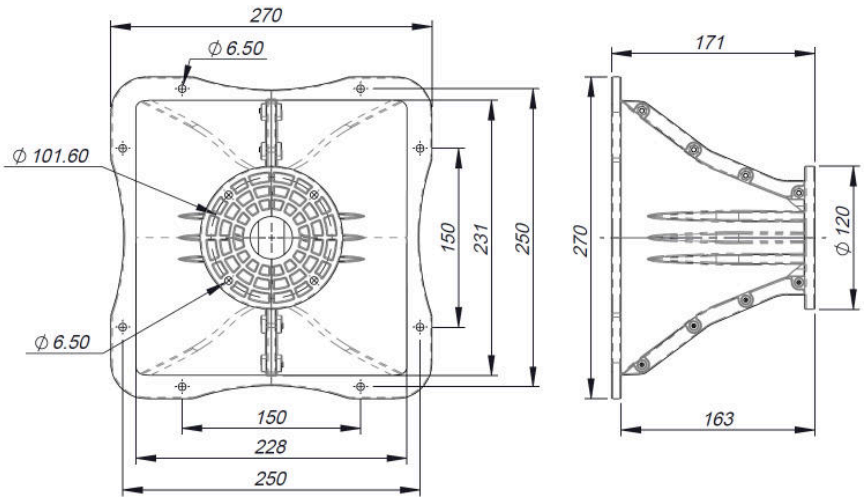
Dimensions (W x H x D)	270 x 270 x 171 mm 10,6 x 10,6 x 6,7 in
Cut-out dimensions (W x H)	235 x 235 mm 9,25 x 9,25 in

Compression driver mounting

Four M6 holes , 90° apart on 101,6 mm (4 in) diameter

Net weight	1,2 kg
Shipping weight	1,4 kg

DIMENSION DRAWING



Notes:

[1] Average range 1 - 16 kHz

Horn measured with Beyma CD314Nd/Ti compression driver.

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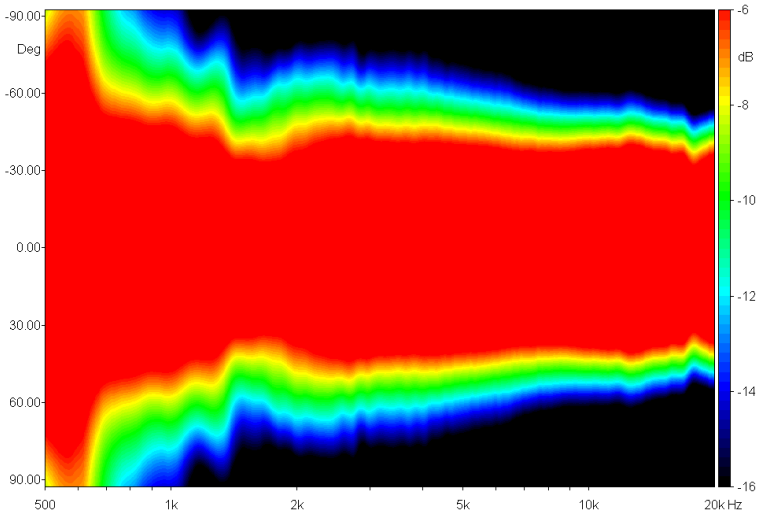
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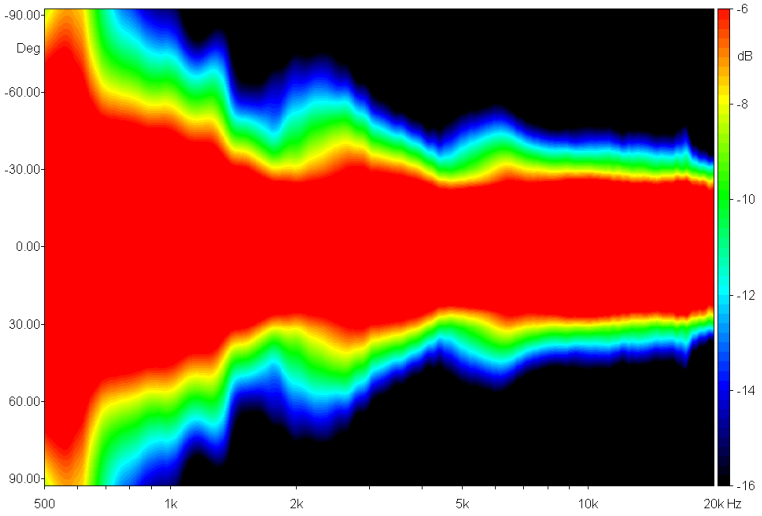
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CONSTANT DIRECTIVITY HORN

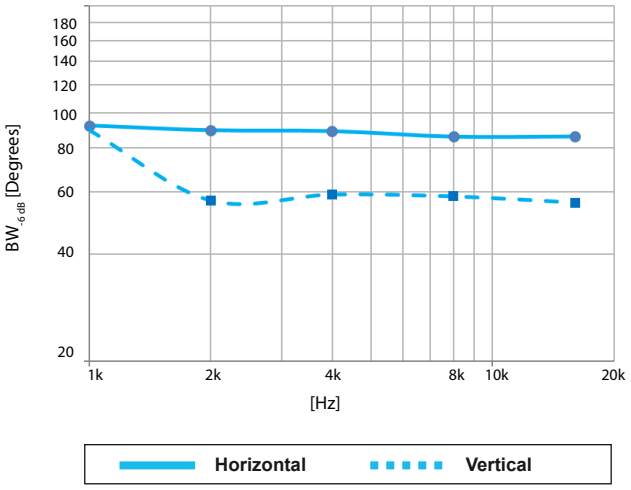
HORIZONTAL DIRECTIVITY MAP



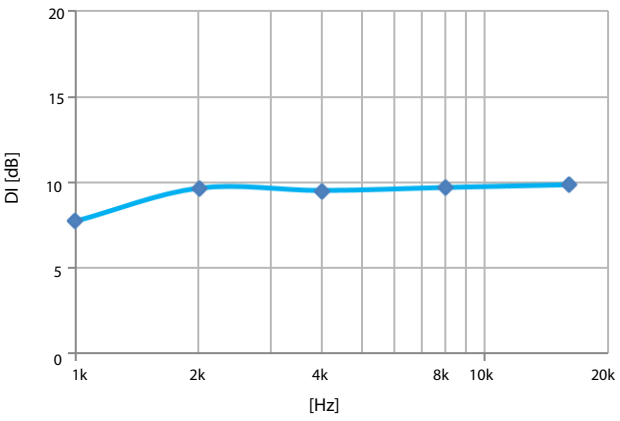
VERTICAL DIRECTIVITY MAP



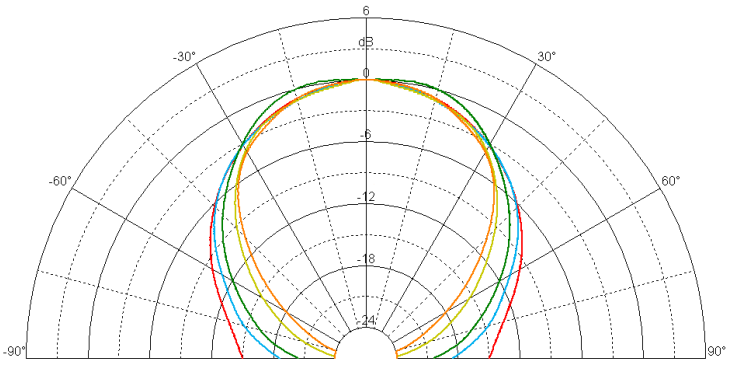
-6 dB BEAMWIDTH



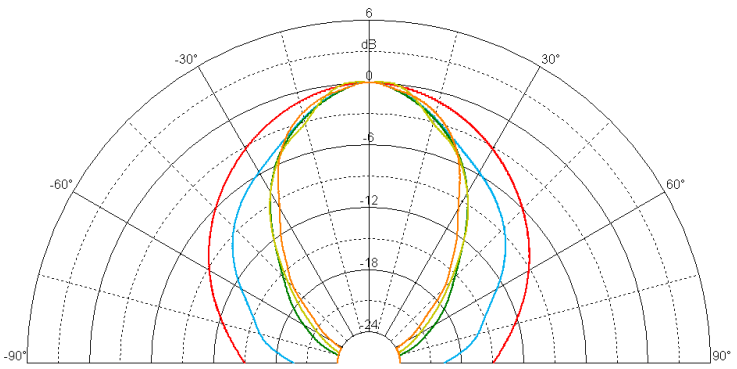
DIRECTIVITY INDEX



HORIZONTAL POLAR PATTERN



VERTICAL POLAR PATTERN



1 kHz 2 kHz 4 kHz 8 kHz 16 kHz

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