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PROFESSIONAL LOUDSPEAKERS

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TD-164P

CONSTANT DIRECTIVITY HORN

KEY FEATURES

- Designed for compression drivers with 1” (25,4 mm) throat diameter
- Coverage angles of 60° in the horizontal plane and 40° in the vertical plane
- Precise directivity control in the band pass
- Squared and compact design, offering rotatable mounting alternatives
- Heavy-duty reinforced polycarbonate construction
- F.E.M optimized flare



TECHNICAL SPECIFICATIONS [1]

Throat diameter	25,4mm	1 in
Nominal Coverage Horizontal		60°
Nominal coverage Vertical		40°
Directivity Index (DI)		10,5 dB
Cut-off frequency		1500 Hz
Material	Reinforced Polycarbonate	

MOUNTING INFORMATION

Dimensions (W x H x D)	160 x 160 x 100 mm 6,3 x 6,3 x 3,9 in
Cut-out dimensions (W x H)	139 x 139 mm 5,48 x 5,48 in

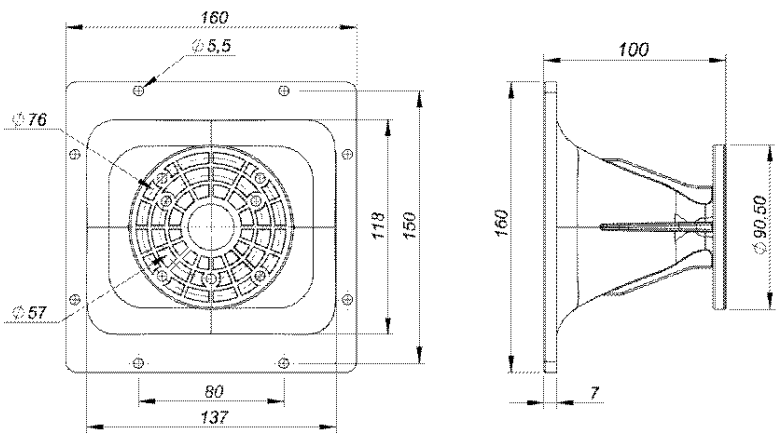
Compression driver mounting

Three M5 holes, 120° apart on 57 mm (2,24 in) diameter

Four M5 holes , 90° apart on 76,2 mm (3 in) diameter

Net weight	0,28kg
Shipping weight	0,48kg

DIMENSION DRAWING



Notes:

[1] Average range 1 - 16 kHz

Horn measured with Beyma CD151Fe/PK compression driver.

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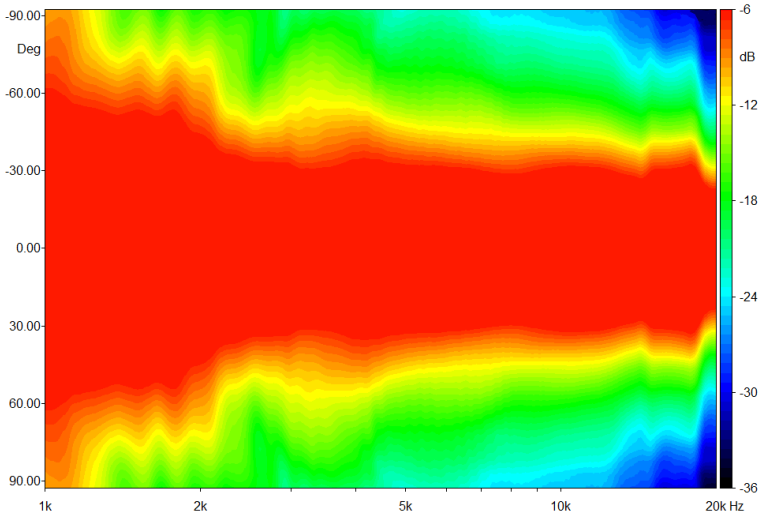
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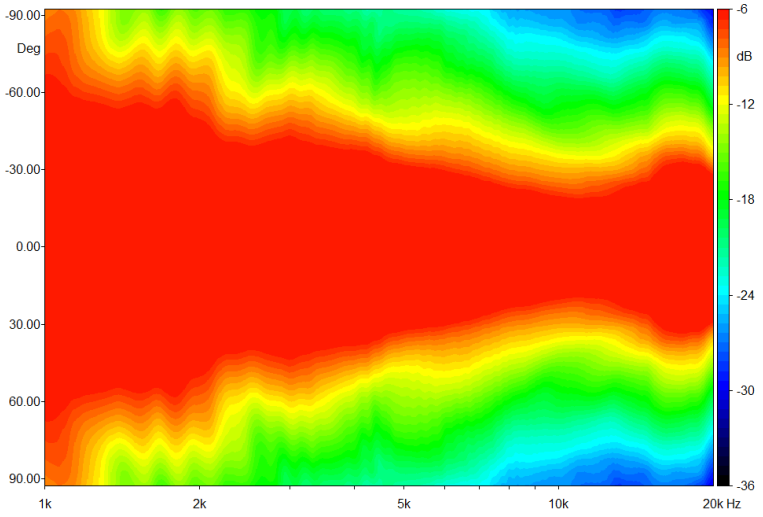
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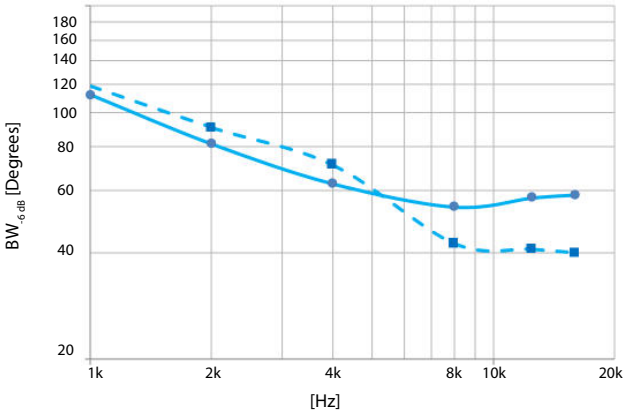
HORIZONTAL DIRECTIVITY MAP



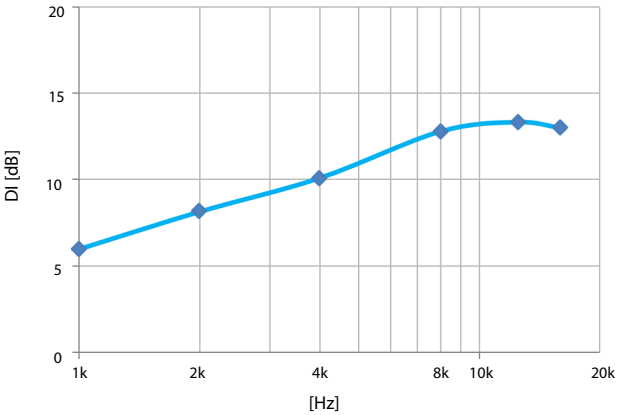
VERTICAL DIRECTIVITY MAP



-6 dB BEAMWIDTH

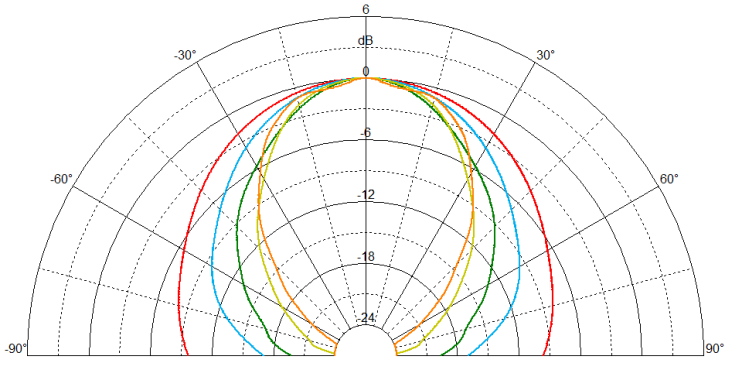


DIRECTIVITY INDEX

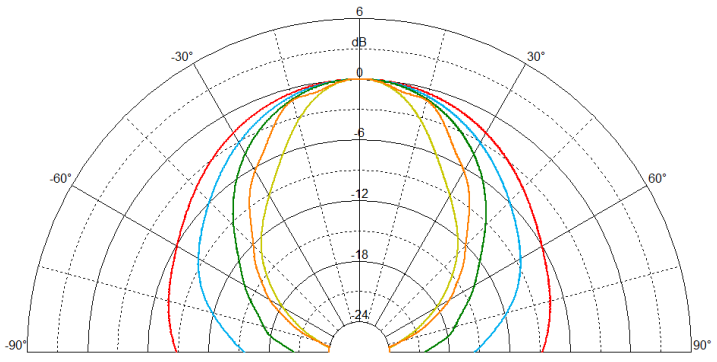


Horizontal Vertical

HORIZONTAL POLAR PATTERN



VERTICAL POLAR PATTERN



1 kHz 2 kHz 4 kHz 8 kHz 16 kHz

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