

WG400

LINE ARRAY SOURCE



100 W
continuous program
power capacity

44 mm (1.7 in)
aluminium voice coil

Line Array optimized
Waveguide with
DE400 driver

Polyimide diaphragm

Compact Neodymium
magnet assembly

108.5 dB
sensitivity

**1200 -
18000 Hz**
response

140°
max horizontal
coverage

SPECIFICATIONS

Horizontal Coverage	140° max
Active Radiating Factor	92.5 %
Recommended Crossover ¹	1.5 kHz
Waveguide Material	Cast Aluminium
Nominal Impedance	8 Ω
Minimum Impedance	7.7 Ω
Power Handling	
Nominal (AES) ²	50 W
Continuous Program ³	100 W
Sensitivity (1W/1m) ⁴	108.5 dB
Frequency Range ⁵	1.2 - 18 kHz
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Aluminium
Inductance	0.18 mH
Diaphragm Material	Polyimide
Flux Density	1.8 T
Magnet Material	Neodymium Ring

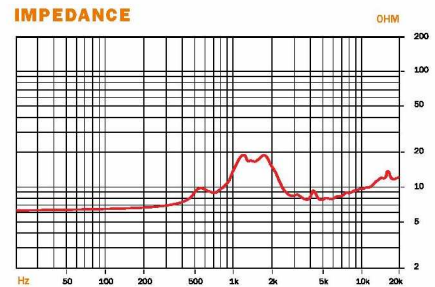
MOUNTING AND SHIPPING INFORMATION

Waveguide Baffle	
Cutout	102x25 mm (4x1 in)
Driver diameter	86 mm (3.3 in)
Dimensions	111x87x155 mm (4.4x3.5x6.1 in)
Net Weight	1.3 kg (2.9 lb)
Shipping Weight	1.35 kg (3.0 lb)
Shipping Box	120x95x180 mm (4.7x3.7x7.1 in)

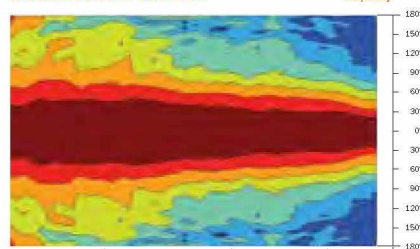
SENSITIVITY



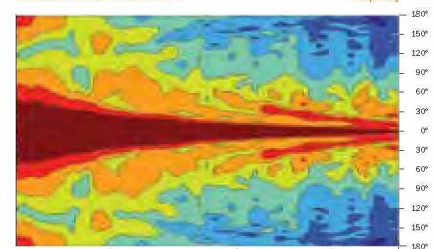
IMPEDANCE



HORIZONTAL ANGLE



VERTICAL ANGLE



¹ 12 dB/oct. or higher slope high-pass filter. Driver mounted on B&C ME 90 horn.

² Two hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recom-

mended crossover frequency to 20 kHz. Power calculated on rated minimum impedance.

³ Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

⁴ Applied RMS Voltage is set to 2.83 V for 8 ohms and 4V for 16 ohms Nominal Impedance. Average SPL from 1000 to 18000 Hz.

⁵ Waveguide mounted on 90° x 10° bell horn.