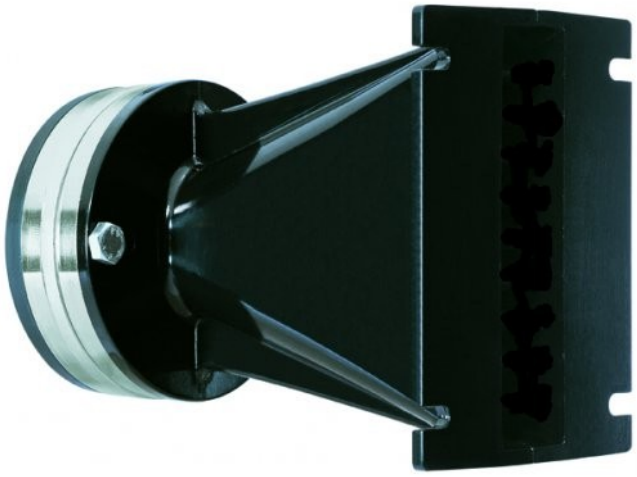
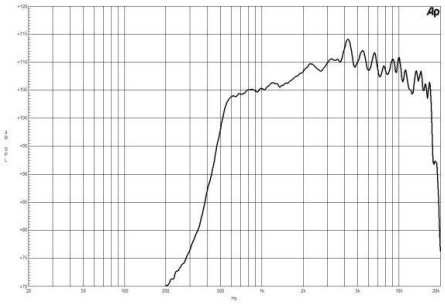
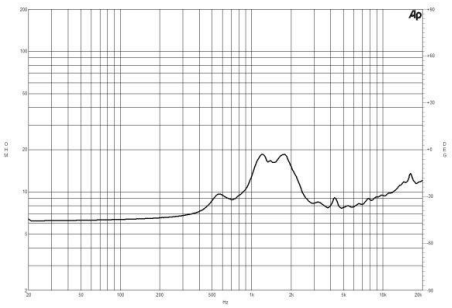






WG400

Line Array Sources - 1.0 Inches

Line Array optimized Waveguide with DE400 driver
140° max horizontal coverage
100 W continuous program power capacity
44 mm (1.7 in) aluminium voice coil
Polyimide diaphragm
1200 - 18000 Hz response
108.5 dB sensitivity
Compact Neodymium magnet assembly

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
Nominal power handling[2]	50 W
Continuous power handling[3]	100 W
Sensitivity (1W/1m)[4]	108.5 dB
Frequency range[5]	1 - 18 kHz
Voice coil diameter	44 mm (1.7 in)
Winding material	Aluminium
Diaphragm material	Polyimide
Flux density	1.8 T
Magnet material	Neodymium Ring

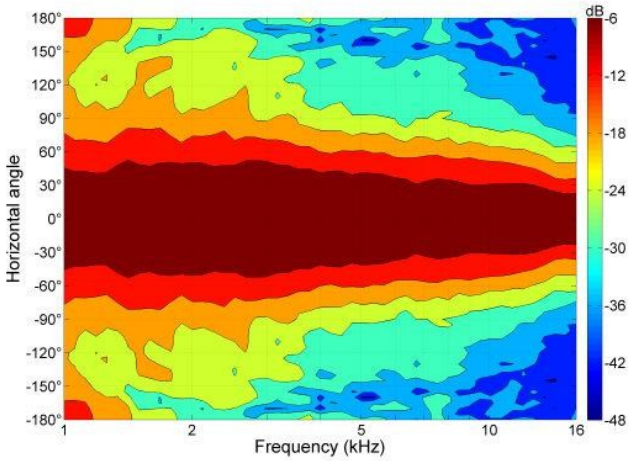
Mounting And Shipping Info

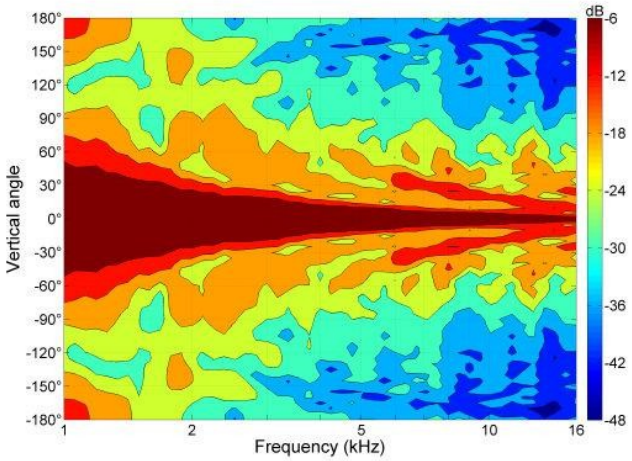
Waveguide baffle cutout	102x25 mm (4x1 in)

Mounting And Shipping Info

Driver diameter	86 mm (3.3 in)
Dimensions	111x87x155 mm (4.4x3.5x6.1 in)
Net weight	1.3 kg (2.9 lb)
Shipping units	1
Shipping weight	1.35 kg (3.0 lb)
Shipping box	120x95x180 mm (4.7x3.7x7.1 in)

1. 12 dB/oct. Or higher slope high-pass filter.
2. 2 hour test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.
3. Power on Continuous Program is defined as 3 dB greater then the Nominal rating.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. Waveguide mounted on 90°x10° bell horn


Horizontal angle
180°
150°
120°
90°
60°
30°
0°
-30°
-60°
-90°
-120°
-150°
-180°
1
2
5
10
16
Frequency (kHz)
dB
-6
-12
-18
-24
-30
-36
-42
-48


Vertical angle
180°
150°
120°
90°
60°
30°
0°
-30°
-60°
-90°
-120°
-150°
-180°
1
2
5
10
16
Frequency (kHz)
dB
-6
-12
-18
-24
-30
-36
-42
-48