



WGX800

Line Array Sources - 1.4 Inches

Line Array optimized Waveguide with DE800 driver

120° max horizontal coverage

220 W continuous program power capacity

75 mm (3 in) aluminium voice coil

Composite Polyimide/Titanium diaphragm

500 - 17000 Hz response

108 dB sensitivity

Neodymium magnet assembly with shorting copper cap

Specifications

Horizontal coverage	120 ° Max
Active radiating factor	93.7 %
Recommended crossover ¹	0.8 kHz
Waveguide material	Cast Aluminium
Nominal impedance	8 Ω
Minimum impedance	8.6 Ω
Nominal power handling ²	110 W
Continuous power handling ³	220 W
Sensitivity (1W/1m) ⁴	108.0 dB
Frequency range ⁵	1 - 17 kHz
Voice coil diameter	75 mm (3.0 in)
Winding material	Aluminium
Diaphragm material	Composite Polyimide/Titanium
Flux density	1.85 T
Magnet material	Neodymium Ring

Mounting And Shipping Info

Driver diameter	124 mm (4.9 in)
Dimensions	163x130x235 mm (6.4x5.1x9.3 in)
Net weight	3.3 kg (7.3 lb)
Shipping units	1
Shipping weight	3.4 kg (7.5 lb)
Shipping box	245x140x175 mm (9.6x5.5x6.9 in)

Mounting And Shipping Info

Waveguide baffle cutout	153x25 mm (6x1 in)
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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 than 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

