



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

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|-----------------|---------------------------------|
| 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

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|-------------------------|--------------------|
| Waveguide baffle cutout | 153x25 mm (6x1 in) |
|-------------------------|--------------------|

1. 12 dB/oct. Or higher slope high-pass filter.

4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

- 2. 2 hour test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.
- 5. Waveguide mounted on 90°x10° bell horn
- 3. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

