

KEY FEATURES

- 160 Watt Max Power
- 1.4 in Horn Throat Diameter
- Nanotechnology Titanium diaphragm
- 60 mm (2.4 in) voice coil
- Edgewound ALU Ribbon wire
- Neodymium ring magnet structure
- Very small dimension ideal for Line Array applications



MEASURE CONDITIONS

Measurement executed in free air (1m) in semi-anechoic chamber + Plane Wave Tube
 Applied RMS Voltage is set to 2.83 V for 8 Ohm nominal impedance
 Impedance module related to driver in free air
 Frequency response with driver mounted on: V-Shape Horn PR614

GENERAL SPECIFICATIONS

Throat Diameter	1.4 in - 35.6 mm
Nominal Impedance	8 Ohm
Minimum Impedance	6.7 Ohm
Direct Current Resistance (Re)	5.6 Ohm
Minimum Crossover Frequency (1)	1.2 kHz
Sensitivity (1W/1m) (2)	110 dB
Frequency Range	1 ÷ 40 kHz
AES Power (3)	80 Watt
Program Power (4)	160 Watt
Diaphragm Material	Nano Titanium Dome
Voice Coil Diameter	60 mm (2.36 in)
Voice Coil Winding Material	Edgewound ALU Ribbon
Voice Coil Former Material	Black Polyimide Film
Phase Plug Material	Aluminium
Magnet Material	Neodymium Ring

Full Throat Angle	25 degree
BL Factor	9 N/A
Flux Density	1.7 T
Inductance (Le)	0.079 mH

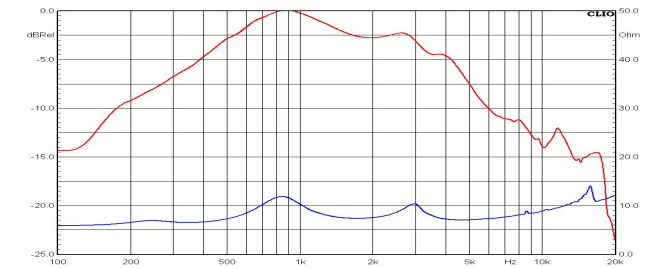
NOTES

- (1) Minimum Crossover Frequency require a 12 dB/oct or higher slope high-pass filter.
- (2) Sensitivity is measured at 1 m on axis from the mouth of horn, averaged between 1 kHz and 4 kHz.
- (3) AES Power rating is a test made for 2 hours with Pink Noise signal having a 6 dB Crest Factor from minimum crossover frequency. Power calculated on minimum impedance. Driver mounted on aluminium horn.
- (4) Program Power rating is defined as 3 dB greater than AES rating and is a conservative expression of the transducer ability to handle music program material.

MECHANICAL & SHIPPING INFORMATIONS

Net weight	1.4 Kg (3.1 lb)
Overall Diameter	87.7 mm (3.45 in)
Mounting holes diameter	2 x M6 holes 180°
Mounting bolt diameter	102 mm (4.02 in)
Total Volume Size	0.26 dm ³ (0.009 ft ³)
Total Depth	66 mm (2.6 in)
Units per Shipping Box	6 units
Shipping Box Size (mm)	335 x 185 x 270 mm
Shipping Box Size (in)	13.2 x 7.3 x 10.6 in

PLANE WAVE TUBE



SEMI-ANECHOIC CHAMBER

