

**KEY FEATURES**

- 90 Watt Max Power
- 1 in Horn throat diameter
- Flat Titanium diaphragm
- 38 mm (1.50 in) voice coil, aluminium wire
- 16 Ohm available



**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: PR312

**MECHANICAL & SHIPPING INFORMATIONS**

Net weight	1.46 kg (3.22 lb)
Overall Diameter	102 mm (4.02 in)
Mounting holes diameter	2 x M5 holes 180°
Mounting bolt diameter	76 mm (2.99 in)
Total Volume Size	0.31 dm <sup>3</sup> (0.011 ft <sup>3</sup> )
Total Depth	66 mm (2.6 in)
Units per Shipping Box	12 units
Shipping Box Size (mm)	340 x 300 x 130 mm
Shipping Box Size (in)	13.4 x 11.8 x 5.1 in

**PLANE WAVE TUBE**

**GENERAL SPECIFICATIONS**

Throat Diameter	1 in - 25.4 mm	Full Throat Angle	25.3 degree
Nominal Impedance	8 Ohm	BL Factor	5 N/A
Minimum Impedance	7.4 Ohm	Flux Density	1.65 T
Direct Current Resistance (Re)	5.8 Ohm	Inductance (Le)	0.058 mH
Minimum Crossover Frequency	2 kHz		
Sensitivity (1W/1m) (2)	109 dB		
Frequency Range	1.2 ÷ 18 kHz		
AES Power (3)	45 Watt		
Program Power (4)	90 Watt		
Diaphragm Material	Flat Titanium		
Voice Coil Diameter	38 mm (1.5 in)		
Voice Coil Winding Material	Aluminum		
Voice Coil Former Material	Kapton		
Phase Plug Material	Reinforced plastic polymer		
Magnet Material	Ferrite		

**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 plastic 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.

**SEMI-ANECHOIC CHAMBER**