

KEY FEATURES

- 230 Watt Max power
- 1.4 in Horn throat diameter
- Titanium diaphragm
- 72 mm (2.83 in) voice coil, aluminium wire
- Neodymium ring magnet structure
- Copper short cap for extended frequency response

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



MECHANICAL & SHIPPING INFORMATIONS

Net weight	2.8 kg (6.17 lb)
Overall Diameter	131 mm (5.16 in)
Mounting holes diameter	4 x M6 holes 90°
Mounting bolt diameter	101.6 mm (4 in)
Total Volume Size	0.51 dm ³ (0.018 ft ³)
Total Depth	78 mm (3.07 in)
Units per Shipping Box	1 unit
Shipping Box Size (mm)	160 x 160 x 90 mm
Shipping Box Size (in)	6.3 x 6.3 x 3.5 in

PLANE WAVE TUBE

GENERAL SPECIFICATIONS

Throat Diameter	1.4 in - 35.6 mm	Full Throat Angle	10.5 degree
Nominal Impedance	8 Ohm	BL Factor	10.5 N/A
Minimum Impedance	6.8 Ohm	Flux Density	2.0 T
Direct Current Resistance (Re)	5.7 Ohm	Inductance (Le)	0.031 mH
Minimum Crossover Frequency (1)	1.2 kHz		
Sensitivity (1W/1m) (2)	110.5 dB		
Frequency Range	1.2 ÷ 20 kHz		
AES Power (3)	115 Watt		
Program Power (4)	230 Watt		
Diaphragm Material	Titanium Dome		
Voice Coil Diameter	72 mm (2.83 in)		
Voice Coil Winding Material	Aluminum		
Voice Coil Former Material	Kapton		
Phase Plug Material	Reinforced plastic polymer		
Magnet Material	Neodymium		

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.

SEMI-ANECHOIC CHAMBER