

KEY FEATURES

- 240 Watt Max Power
- 1.4 in Horn throat diameter
- Titanium diaphragm
- 72 mm (2.83 in) voice coil, aluminium wire
- Ceramic 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	4.10 kg (9.04 lb)
Overall Diameter	156 mm (6.14 in)
Mounting holes diameter	4 x M6 holes 90°
Mounting bolt diameter	101.6 mm (4 in)
Total Volume Size	0.77 dm ³ (0.03 ft ³)
Total Depth	76 mm (2.99 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

GENERAL SPECIFICATIONS

Throat Diameter	1.4 in - 35.6 mm	Full Throat Angle	10.5 degree
Nominal Impedance	8 Ohm	BL Factor	9 N/A
Minimum Impedance	6.7 Ohm	Flux Density	1.7 T
Direct Current Resistance (Re)	5.7 Ohm	Inductance (Le)	0.042 mH
Minimum Crossover Frequency (1)	1.2 kHz		
Sensitivity (1W/1m) (2)	109 dB		
Frequency Range	1.2 ÷ 20 kHz		
AES Power (3)	120 Watt		
Program Power (4)	240 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	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 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.

PLANE WAVE TUBE

SEMI-ANECHOIC CHAMBER