

KEY FEATURES

- 120 Watt Max Power
- 1 in Horn throat diameter
- Titanium diaphragm
- 44 mm (1.73 in) voice coil, aluminium wire
- Neodymium ring magnet structure
- Copper short cap for extended frequency response
- 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

GENERAL SPECIFICATIONS

Throat Diameter	1 in - 25.4 mm	Full Throat Angle	11.2 degree
Nominal Impedance	8 Ohm	BL Factor	7.4 N/A
Minimum Impedance	7.4 Ohm	Flux Density	1.85 T
Direct Current Resistance (Re)	5.4 Ohm	Inductance (Le)	0.020 H
Minimum Crossover Frequency (1)	1.6 kHz		
Sensitivity (1W/1m) (2)	108 dB		
Frequency Range	1.2 ÷ 20 kHz		
AES Power (3)	60 Watt		
Program Power (4)	120 Watt		
Diaphragm Material	Titanium Dome		
Voice Coil Diameter	44 mm (1.73 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 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.

MECHANICAL & SHIPPING INFORMATIONS

Net weight	1.10 kg (2.43 lb)
Overall Diameter	90 mm (3.54 in)
Mounting holes diameter	2 x M6 holes 180° / 3 x M6 holes 120°
Mounting bolt diameter	76/57 mm (2.99/2.24 in)
Total Volume Size	0.2 dm³ (0.007 ft³)
Total Depth	55 mm (2.17 in)
Units per Shipping Box	18 units
Shipping Box Size (mm)	310 x 310 x 145 mm
Shipping Box Size (in)	12.2 x 12.2 x 5.7 in

PLANE WAVE TUBE

SEMI-ANECHOIC CHAMBER