

CD - 1003 T NEW 2014

INTERNAL REF. 724007

KEY FEATURES

- 280 Watt Max Power
- 2 in Horn throat diameter
- Titanium diaphragm
- 100 mm (4 in) voice coil, aluminium wire
- Neodymium ring magnet structure



MEASURE CONDITIONS

Measurement executed in free air (1m) in semi-anechoic chamber
 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: PR 401

MECHANICAL & SHIPPING INFORMATIONS

Net weight	4 Kg (8.13 lb)
Overall Diameter	147 mm (5.79 in)
Mounting holes diameter	2 x M6 holes 180°
Mounting bolt diameter	102 mm (4.02 in)
Total Volume Size	0.75 dm ³ (0.027 ft ³)
Total Depth	80 mm (3.15 in)
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	2 in - 50.8 mm	Full Throat Angle	15 degree
Nominal Impedance	8 Ohm	BL Factor	13.5 N/A
Minimum Impedance	7 Ohm	Flux Density	1.8 T
Direct Current Resistance (Re)	5.7 Ohm	Inductance (Le)	0.045 mH
Minimum Crossover Frequency (1)	0.7 kHz		
Sensitivity (1W/1m) (2)	110 dB		
Frequency Range	0.6 ÷ 20 kHz		
AES Power (3)	140 Watt		
Program Power (4)	280 Watt		
Diaphragm Material	Titanium Dome		
Voice Coil Diameter	100 mm (3.94 in)		
Voice Coil Winding Material	Aluminium		
Voice Coil Former Material	Kapton		
Phase Plug Material	Reinforced plastic polymer		
Magnet Material	Neodymium Ring		

NOTES

- (1) Minimum Crossover Frequency require a12 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 PR 401.
- (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