

KEY FEATURES

160 Watt Max Power

1.4” Horn Throat Diameter

Titanium diaphragm

60 mm (2.4 in) voice coil,
Edgewound ALU Ribbon wire

Neodymium buttons magnet structure

Copper short cap for extended frequency response

MEASURE CONDITIONS

Measurement executed in free air (1m)
in semi-anechoic chamber (free field above 100 Hz)
+ Plane Wave TubeApplied RMS Voltage is set to 2.83 V for 8 Ω nominal impedance

Impedance module related to driver in free air

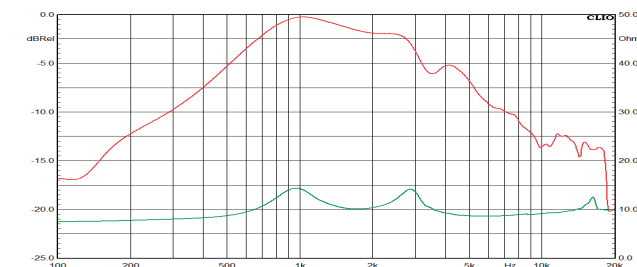
Frequency response with driver mounted on: V-Shape Horn PR614



MECHANICAL & SHIPPING INFORMATION

Overall Diameter	118 mm (4.65 in)
Mounting Holes Diameter	2xM6 holes 180°
Mounting Bolt Diameter	102 mm (4.02 in)
Total Volume Size	0.55 dm ³ (0.020 ft ³)
Total Depth	65 mm (2.56 in)
Net Weight	1.9 Kg (4.19 lb)
Shipping Box Size (6 units)	335 x 185 x 270 mm
	13.2 x 7.3 x 10.6 in

PLANE WAVE TUBE 1.4”



GENERAL SPECIFICATIONS

Throat Diameter	35.56 mm (1.4 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.2 Ω
Direct Current Resistance (Re)	5.6 Ω
Minimum Crossover Frequency ⁽¹⁾	1.2 kHz
Sensitivity (1W/1m) ⁽²⁾	111 dB
Frequency Range	1 ÷ 40 kHz
AES Power ⁽³⁾	80 W
Program Power ⁽⁴⁾	160 W
Diaphragm Material	Titanium Dome
Voice Coil Diameter	60 mm (2.36 in)
Voice Coil Winding Material	Edgewound ALU Ribbon
Voice Coil Former Material	Black Polyimide Film
Phase Plug Material	Aluminum
Magnet Material	Neodymium Buttons

Full Throat Angle	25 degree
BL Factor	13 N/A
Inductance (Le)	32 μ H
Flux Density	2.1 T

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

