

KEY FEATURES

- 280 Watt Max Power
- 2 inHorn throat diameter
- Titanium diaphragm
- 100 mm (4 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: PR401.

GENERAL SPECIFICATIONS

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|---------------------------------|----------------------------|
| Throat Diameter | 2 in - 50.8 mm |
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 7.3 Ohm |
| Direct Current Resistance (Re) | 5.7 Ohm |
| Minimum Crossover Frequency (1) | 0.8 kHz |
| Sensitivity (1W/1m) (2) | 109 dB |
| Frequency Range | 0.8 ÷ 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 | Aluminum |
| Voice Coil Former Material | Kapton |
| Phase Plug Material | Reinforced plastic polymer |
| Magnet Material | Neodymium |

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|-------------------|-----------|
| Full Throat Angle | 15 degree |
| BL Factor | 13.5 N/A |
| Flux Density | 1.8 T |
| Inductance (Le) | 0.054 mH |

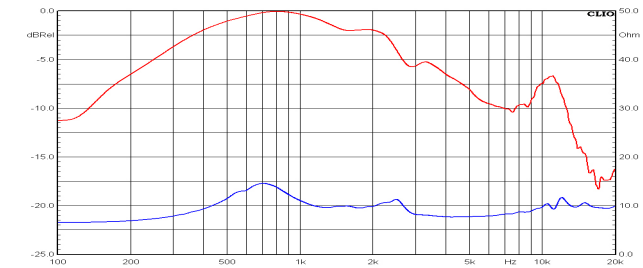
NOTES

- (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

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|-------------------------|---|
| Net weight | 4.0 kg (8.82 lb) |
| Overall Diameter | 147 mm (5.79 in) |
| Mounting holes diameter | 4 x M6 holes 90° |
| Mounting bolt diameter | 101.6 mm (4 in) |
| Total Volume Size | 0.75 dm ³ (0.027 ft ³) |
| Total Depth | 80 mm (3.15 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



SEMI-ANECHOIC CHAMBER

