

CD - 723 TS NEW 2014

INTERNAL REF. 730600

CIARE

KEY FEATURES

- 230 Watt Max Power
- 1.4 in Horn throat diameter
- Titanium diaphragm
- 72 m (2.83 in) voice coil, aluminium wire
- Neodymium rings magnet



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

GENERAL SPECIFICATIONS

Throat Diameter	1.4 in - 35.6 mm
Nominal Impedance	8 Ohm
Minimum Impedance	6.9 Ohm
Direct Current Resistance (Re)	5.7 Ohm
Minimum Crossover Frequency (1)	1.2 kHz
Sensitivity (1W/1m) (2)	110 dB
Frequency Range	1.2 ÷ 20 kHz
AES Power (3)	115 Watt
Program Power (4)	230 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	Neodymium

Full Throat Angle	10.5 degree
BL Factor	10 N/A
Flux Density	1.9 T
Inductance (Le)	0.062 mH

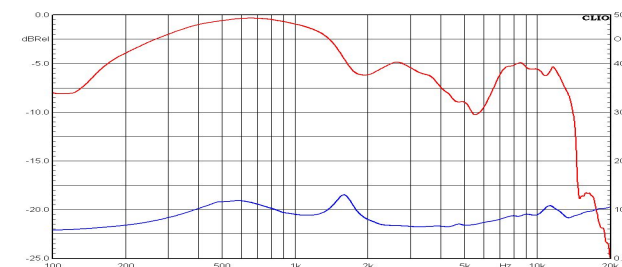
NOTES

- (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 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.

MECHANICAL & SHIPPING INFORMATIONS

Net weight	2.7 kg (5.95 lb)
Overall Diameter	134 mm (5.28 in)
Mounting holes diameter	4 x M6 holes 90°
Mounting bolt diameter	101.6 mm (4 in)
Total Volume Size	0.51 dm ³ (0.018 ft ³)
Total Depth	78 mm (3.07 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