

PRECISION DEVICES®
PROFESSIONAL AUDIO TRANSDUCERS

PD.CD1.5NR1

COMPRESSION DRIVER

RADIAL NEO TECHNOLOGY

VERIFIED WITH KLIPPEL



1.5” / 38.1 mm SOUND CHANNEL / THROAT SIZE	**500 Hz - 18 kHz** FREQUENCY RESPONSE
2.5” / 63.5 mm VOICE COIL DIAMETER	**110 dB** SENSITIVITY (1W/ 1m)
90 W (A.E.S.) POWER HANDLING	**PURE TITANIUM** DIAPHRAGM MATERIAL

- **3 Slot Optimised Geometry Aluminium Phase Plug.**
- **63.65 mm Aluminium Voice Coil Utilising High Temperature NSV Former.**
- **Pure Titanium Diaphragm.**
- **Radial Neodymium Motor Structure With Low Impact Footprint.**

The PD.CD1.5NR1 is an ideal driver for professional high performance applications that can be used in traditional 2-way systems or as part of a larger multi-way long throw system. The radial neodymium motor structure allows close coupling due to the compact size and footprint.
Adaptor plate is available for traditional PCD fixings.

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GENERAL SPECIFICATIONS

Sound Channel / Throat Size	1.5” / 38.1 mm
Voice Coil Diameter	2.50” / 63.5 mm
Available Impedances	4 Ohm / 8 Ohm / 16 Ohm
Power Rating (>1kHz) [1]	90 W (A.E.S.)
Sensitivity (1W - 1m, on axis, on horn) [2]	110 dB
Frequency Range [3]	500 Hz - 18 kHz
Recommended Crossover Frequency (Filtered at 18 dB/ Octave)	1600 Hz
Minimum Impedance	1.2 kHz - 6.4 Ω
Voice Coil Material	Copper Clad Aluminium
Coil Former Material	NSV
Flux Density	1.8 Tesla
Diaphragm Material	Titanium
Suspension Material	Titanium
Surround / Edge Termination	Progressive
Phase Plug Design	3 Slot
Phase Plug Material	Aluminium
Magnet Material	Neodymium
Connector Type	Push Button Spring Terminals

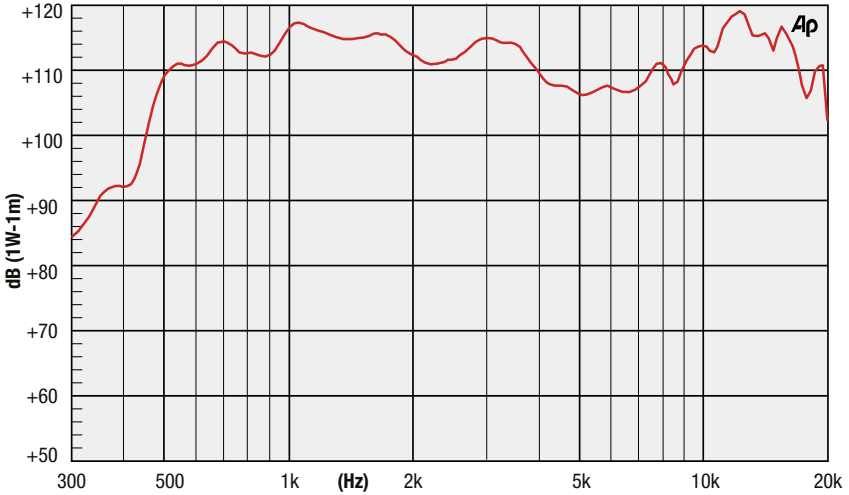
DIMENSIONS & MOUNTING INFORMATION

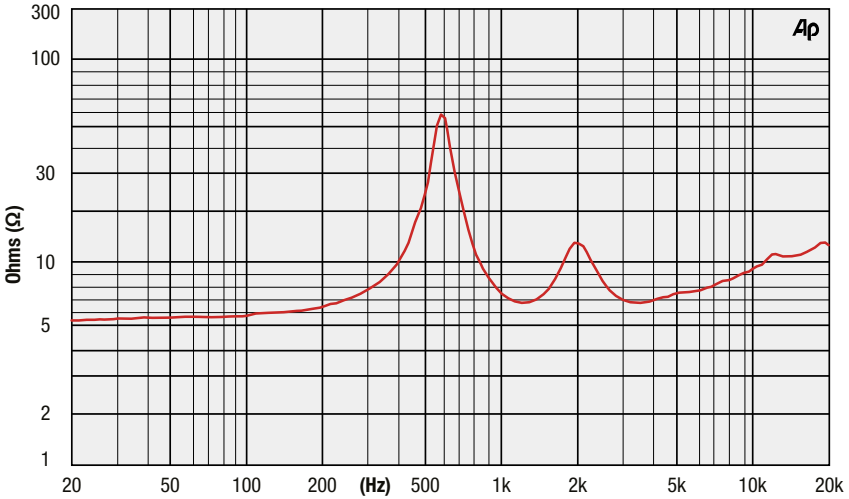
Overall Diameter	96 mm
Overall Height	60 mm
Fitting	4 x 6 mm threaded holes @ 180°
Mounting PCD	85 mm

WEIGHT

Nett Weight	1.20 Kg / 2.65 lb
Shipping Weight	1.3 Kg / 2.87 lb

FREQUENCY RESPONSE & IMPEDANCE CHARTS [4]





1. A.E.S. standard practice with high pass filter set at specified lower limiting frequency for two hours.

2. Sensitivity is measured with applied pink noise RMS Voltage set to 2.83V for nominal 8 ohms impedance and measurement taken at 1 metre from mouth of horn. Average SPL taken between 2000 to 10000 kHz.

3. Frequency range is defined as measured frequency-10dB to rated sensitivity.

** Measurement taken on custom horn.*

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