

# PD.CD1.5NR1

## COMPRESSION DRIVER



### PRELIMINARY SPECIFICATIONS

**1.5" / 38.1 mm**

SOUND CHANNEL / THROAT SIZE

**90 W (A.E.S.)**

POWER HANDLING

**110 dB**

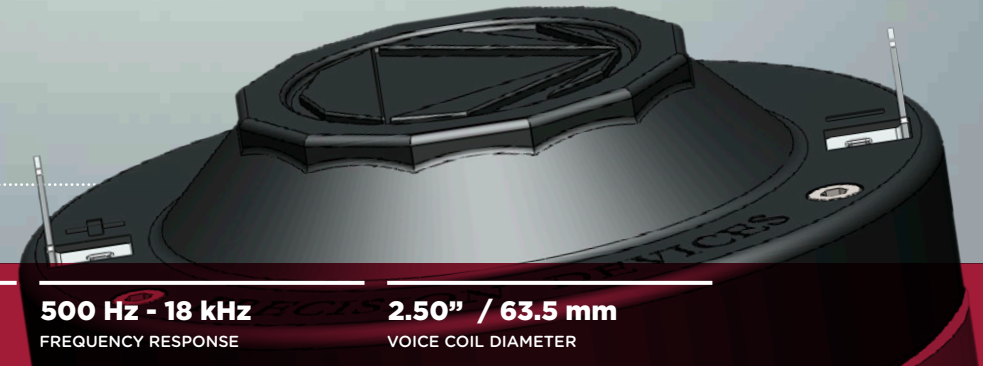
SENSITIVITY (1W/ 1m)

**500 Hz - 18 kHz**

FREQUENCY RESPONSE

**2.50" / 63.5 mm**

VOICE COIL DIAMETER



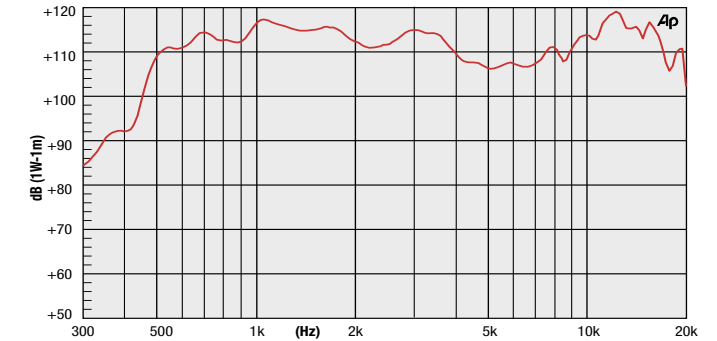
#### FEATURES:

- 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.

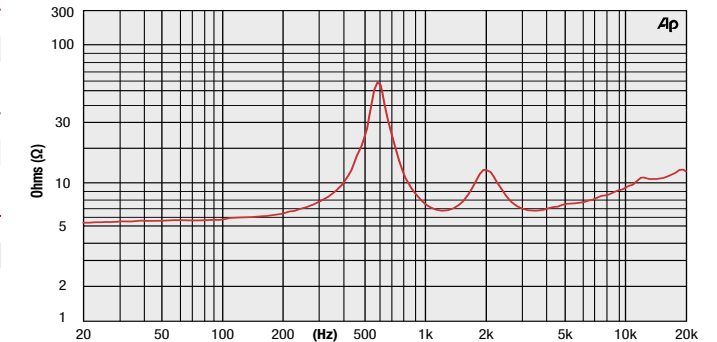
The PD.CD1.5NR1 is an ideal driver for professional high performance applications that can be used in traditional 2-way systems or as part of a larger multi-way long throw system. The radial neodymium motor structure allows close coupling due to the compact size and footprint.

Adaptor plate is available for traditional PCD fixings.

#### FREQUENCY RESPONSE AND IMPEDANCE CHARTS



Measurement taken on custom horn.



1. AES 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.

#### 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 (above 1kHz) <sup>1</sup>	90 W (A.E.S.)
Sensitivity (1W - 1m, on axis, on horn) <sup>2</sup>	110 dB
Frequency Range <sup>3</sup>	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

Overall Diameter	96 mm
Overall Height	60 mm

#### MOUNTING INFORMATION

Fitting	4 x 6 mm threaded holes @ 180°
Mounting PCD	85 mm

#### WEIGHT

Nett Weight	1.35 Kg / 2.98 lb
Shipping Weight	1.4 Kg / 3.09 lb