

10NDL64

ND WOOFER



500 W
continuous program
power capacity

64 mm (2.5 in)
aluminium voice coil

Neodymium magnet
allows a very
light yet powerful
motor assembly

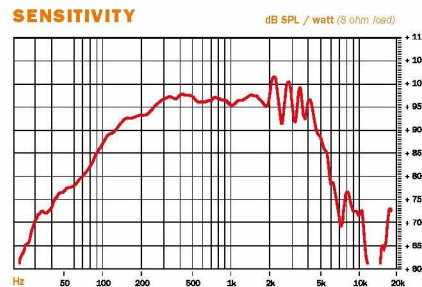
97 dB
sensitivity

50 - 3000 Hz
response

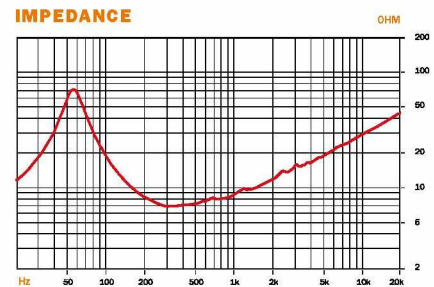
Ventilated voice
coil gap for reduced
power compression



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	7 Ω
Power Handling	
Nominal (AES) ¹	250 W
Continuous Program ²	500 W
Sensitivity (1W/1m) ³	97 dB
Frequency Range	50 - 3000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	14 mm (0.55 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	56 Hz
Re	5.7 Ω
Qes	0.29
Qms	3.4
Qts	0.26
Vas	31 dm ³ (1.1 ft ³)
Sd	320 cm ² (49.1 in ²)
η ₀	1.8 %
X max	± 6 mm
X var	± 7 mm
Mms	37 g
Bl	16.2 T·m
Le	0.9 mH
EBP	193 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	261 mm (10.3 in)
Bolt Circle Diameter	245 mm (9.64 in)
Baffle Cutout Diameter	230 mm (8.8 in)
Depth	113 mm (4.4 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air volume occupied by driver	1.5 dm ³ (0.05 ft ³)
Net Weight	2.9 kg (6.4 lb)
Shipping Weight	3.5 kg (7.7 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)
Service kit	RCK10NDL64-8

Also available in 4 and 16 Ω, data upon request

¹ Two hour test made with continuous pink noise signal (6 dB crest factor) within the specified range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

² Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

³ Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 300 to 3000 Hz.

⁴ Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.