

8MDN51 8 Ω

Mid-Bass

- 400 W continuous program power capacity
- 51 mm (2 in) aluminium voice coil
- 70 - 4000 Hz response
- 97 dB sensitivity
- Neodymium ring magnet assembly
- Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.7 Ω
Nominal Power Handling	200 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	400 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	97 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	70 Hz - 4000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Aluminium
Former Material	Kapton
Winding Depth	16 mm (0.62 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.45 T
Woofer Cone Treatment	WP Waterproof Front Side

PARAMETERS

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

Fs	70 Hz
Re	5.1 Ω
Qes	0.21
Qms	3.7
Qts	0.2
Vas	16 dm³ (0.6 ft³)
Sd	220 cm² (34.1 in²)
η ₀	2.4 %
X _{max}	6 mm
X _{var}	6 mm
M _{ms}	23 g
Bl	15.3 Tm
Le	0.8 mH
EBP	333 Hz

DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Ring
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side

MOUNTING AND SHIPPING INFO

Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	95 mm (3.74 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air Volume Occupied by Driver	1.1 dm³ (0.04 ft³)
Net Weight	2.6 kg (5.73 lb)
Shipping Units	1 pcs
Shipping Weight	3.05 kg (6.72 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.91 in)

SERVICE KITS

LF recone-kits	RCK008MDN518
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