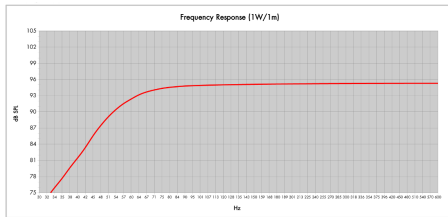
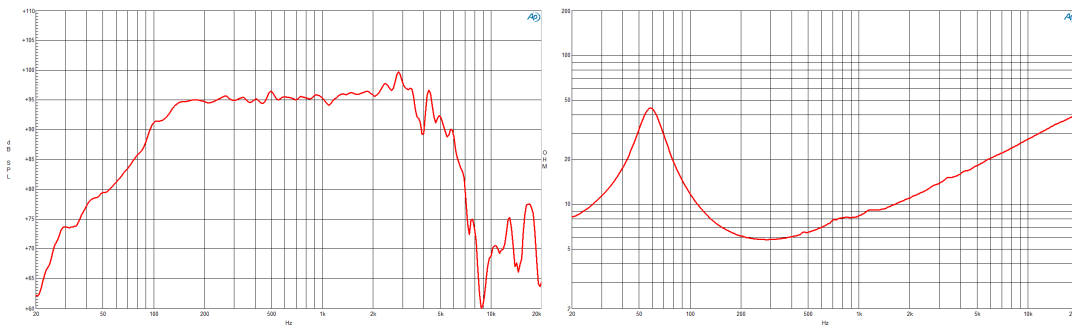




300 W continuous program power capacity  
 51 mm (2 in) aluminium voice coil  
 60 - 4000 Hz response  
 96 dB sensitivity



Model	10CL51	Configuration	One Driver
Enclosure Type	Box Reflex	Qts	0
Inertial Mass (kg)	32	Port Area (cm <sup>2</sup> )	75.0
Young Frequency (Hz)	58	Port Length (cm)	11.3
Frequency (3 dB) (Hz)	39.8		
Frequency (10 dB) (Hz)	44.7		

## SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	5.8 Ω
Nominal Power Handling	150 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	300 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Sensitivity	96 dB Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
Frequency Range	60 Hz - 4000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	15 mm (0.59 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.05 T
Woofer Cone Treatment	None

## PARAMETERS

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

Fs	58 Hz
Re	5.2 Ω
Qes	0.42
Qms	3.5
Qts	0.38
Vas	36 dm <sup>3</sup> (1.27 ft <sup>3</sup> )
Sd	320 cm <sup>2</sup> (49.6 sq <sup>2</sup> )
η0	1.57 %
Xmax	5.5 mm
Xvar	5.5 mm
Mms	30.5 g
Bl	11.6 Tm
Le	0.8 mH
EBP	138 Hz

## DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	None
Recommended Enclosure	32 dm <sup>3</sup> (1.13 ft <sup>3</sup> )
Recommended Tuning	58 Hz

## MOUNTING AND SHIPPING INFO

Overall Diameter	257 mm (10.1 in)
Bolt Circle Diameter	246 mm (9.7 in)
Baffle Cutout Diameter	232 mm (9.1 in)
Depth	108 mm (4.25 in)
Flange and Gasket Thickness	7 mm (0.28 in)
Air Volume Occupied by Driver	1 dm <sup>3</sup> (0.03 ft <sup>3</sup> )
Net Weight	1.3 kg (2.87 lb)
Shipping Units	1 pcs
Shipping Weight	1.9 kg (4.19 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

## SERVICE KITS

LF recone-kits	RCK10CL518
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