

10CL64 8 Ω

Woofer

- 500 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 65 - 4000 Hz response
- 96 dB sensitivity



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SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω
Nominal Power Handling	250 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	500 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	65 Hz - 4000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	14.3 mm (0.56 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.16 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	63 Hz
Re	5.3 Ω
Qes	0.33
Qms	5.1
Qts	0.31
Vas	22.2 dm³ (0.78 ft³)
Sd	320 cm² (49.6 in²)
η ₀	1.69 %
X _{max}	5.2 mm
X _{var}	6 mm
M _{ms}	41.6 g
Bl	16.3 Tm
Le	1.17 mH
EBP	191 Hz

DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	29 dm³ (1.02 ft³)
Recommended Tuning	65 Hz

MOUNTING AND SHIPPING INFO

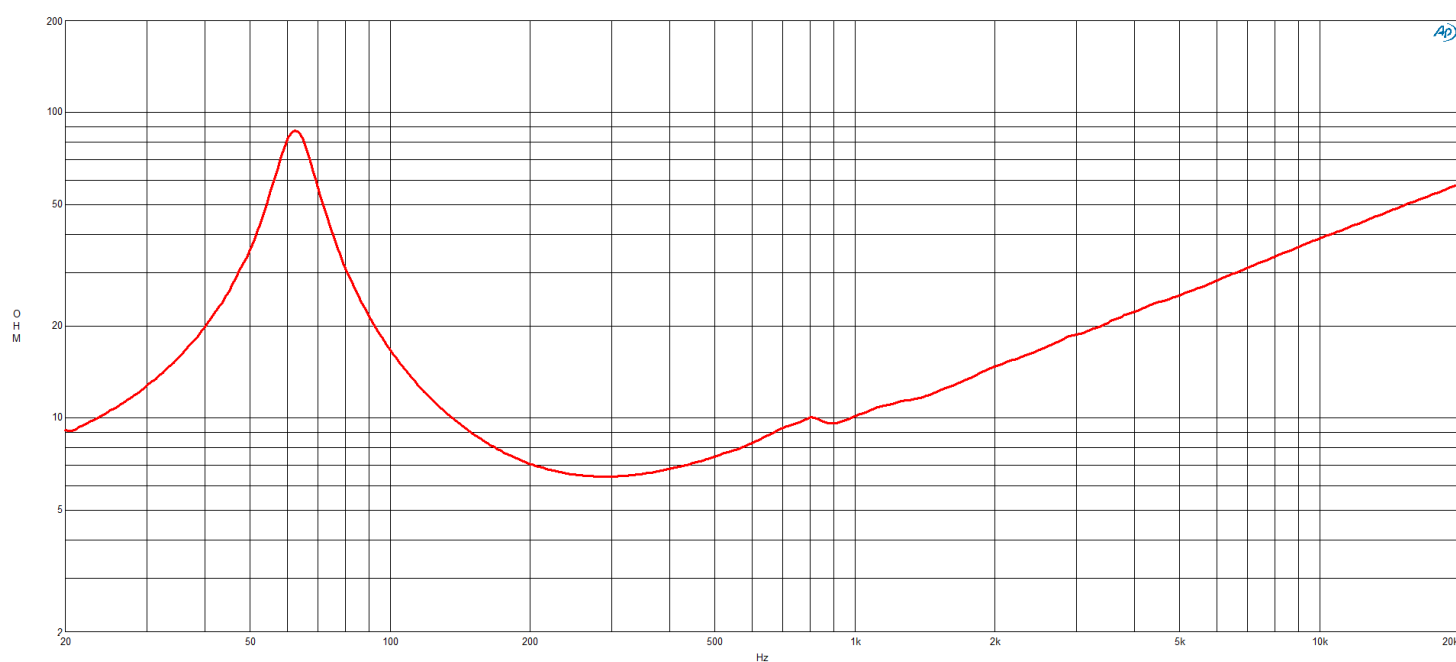
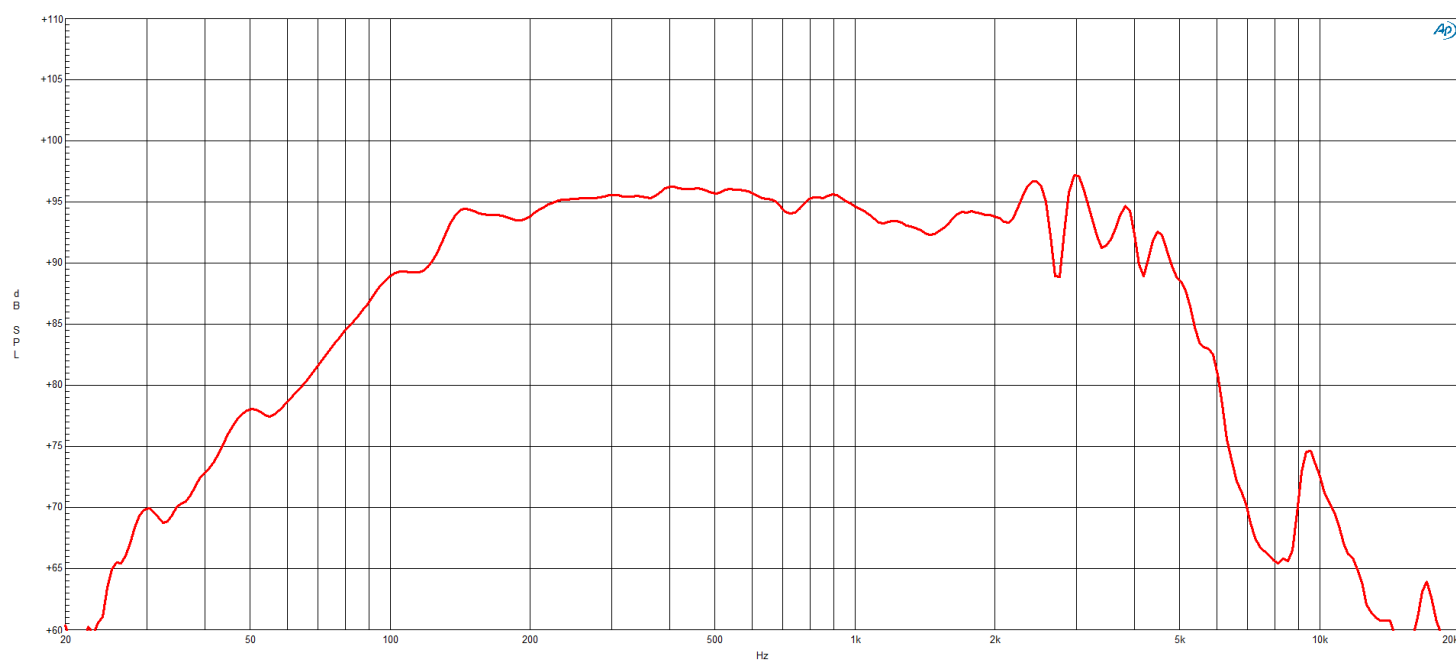
Overall Diameter	258 mm (10.16 in)
Bolt Circle Diameter	245 mm (9.65 in)
Baffle Cutout Diameter	232 mm (9.13 in)
Depth	112 mm (4.41 in)
Flange and Gasket Thickness	10 mm (0.39 in)
Air Volume Occupied by Driver	1 dm³ (0.04 ft³)
Net Weight	2 kg (4.41 lb)
Shipping Units	1 pcs
Shipping Weight	2.6 kg (5.73 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

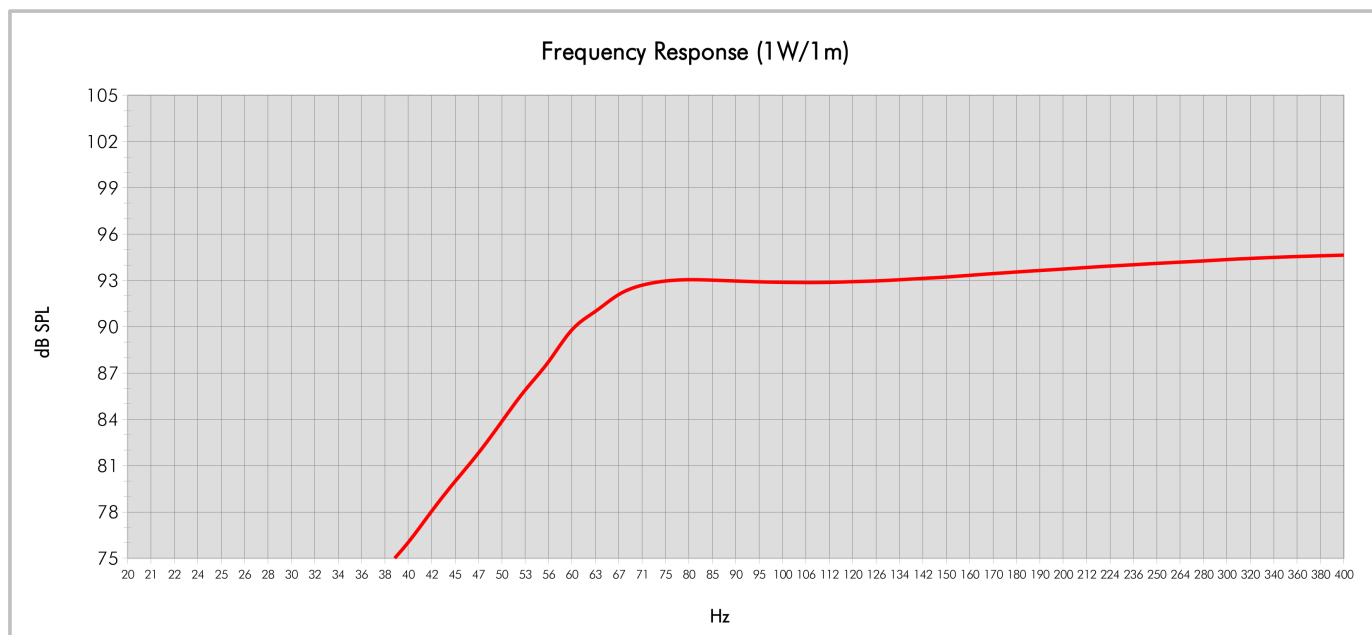
SERVICE KITS

LF recone-kits	RCK10CL648
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Model:	10CL64	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	29	QB:	4
Tuning Frequency (Hz):	65	Port Area (cm²):	85
Frequency (-3 dB) (Hz):	67,0	Port Length (cm):	22,0
Frequency (-10 dB) (Hz):	51,8		

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