

12CL64 8 Ω

Woofer

- 500 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 50 - 3000 Hz response
- 98 dB sensitivity



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SPECIFICATIONS

Nominal Diameter	320 mm (12 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	98 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 3000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	13 mm (0.51 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.15 T
Woofers Cone Treatment	WP Waterproof Front Side

PARAMETERS

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

Fs	52 Hz
Re	5.5 Ω
Qes	0.32
Qms	4.3
Qts	0.3
Vas	64 dm³ (2.25 ft³)
Sd	522 cm² (80.9 in²)
η ₀	3.4 %
X _{max}	4.5 mm
X _{var}	6 mm
M _{ms}	55 g
Bl	17.5 Tm
Le	1.1 mH
EBP	163 Hz

DESIGN

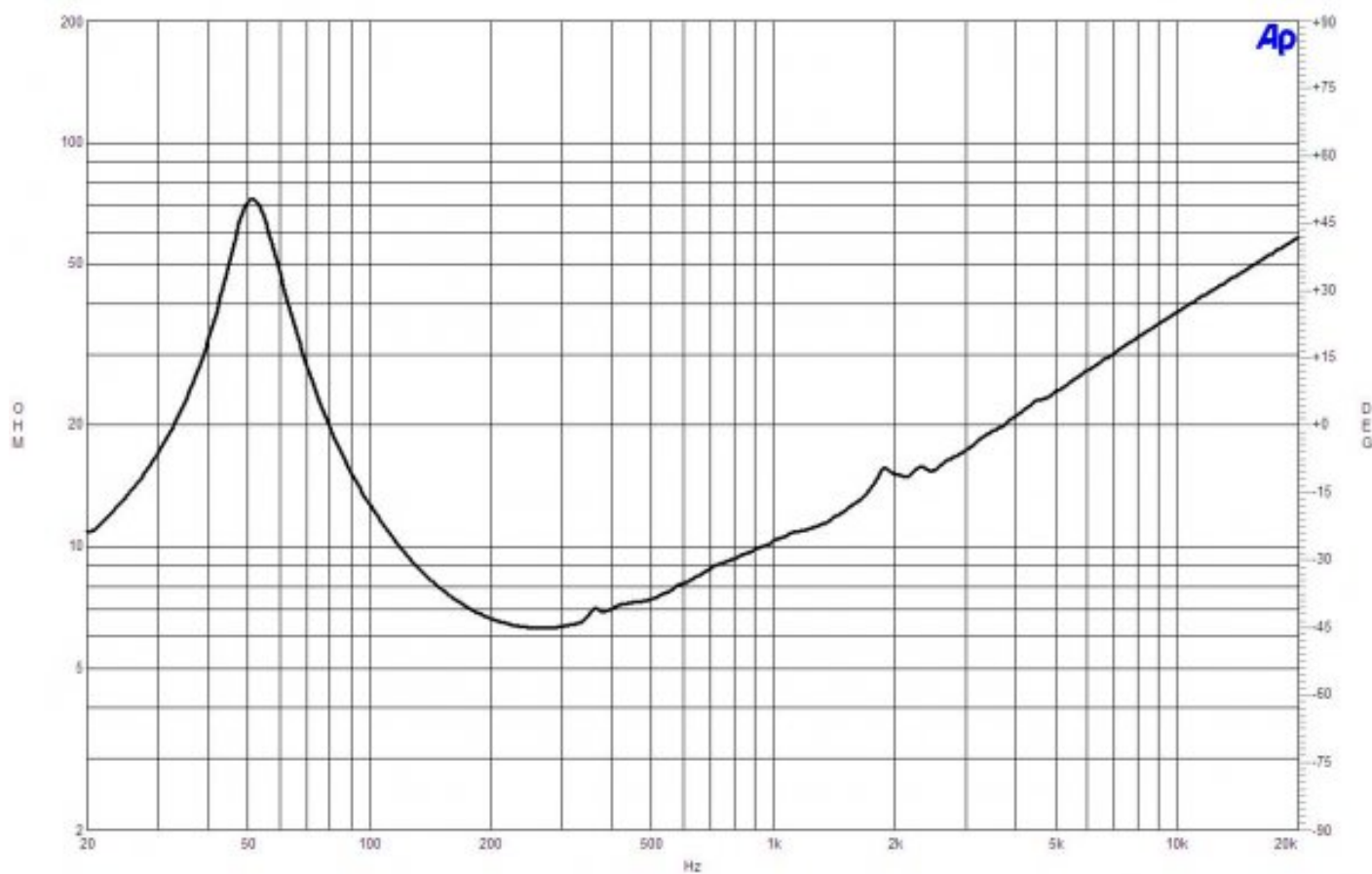
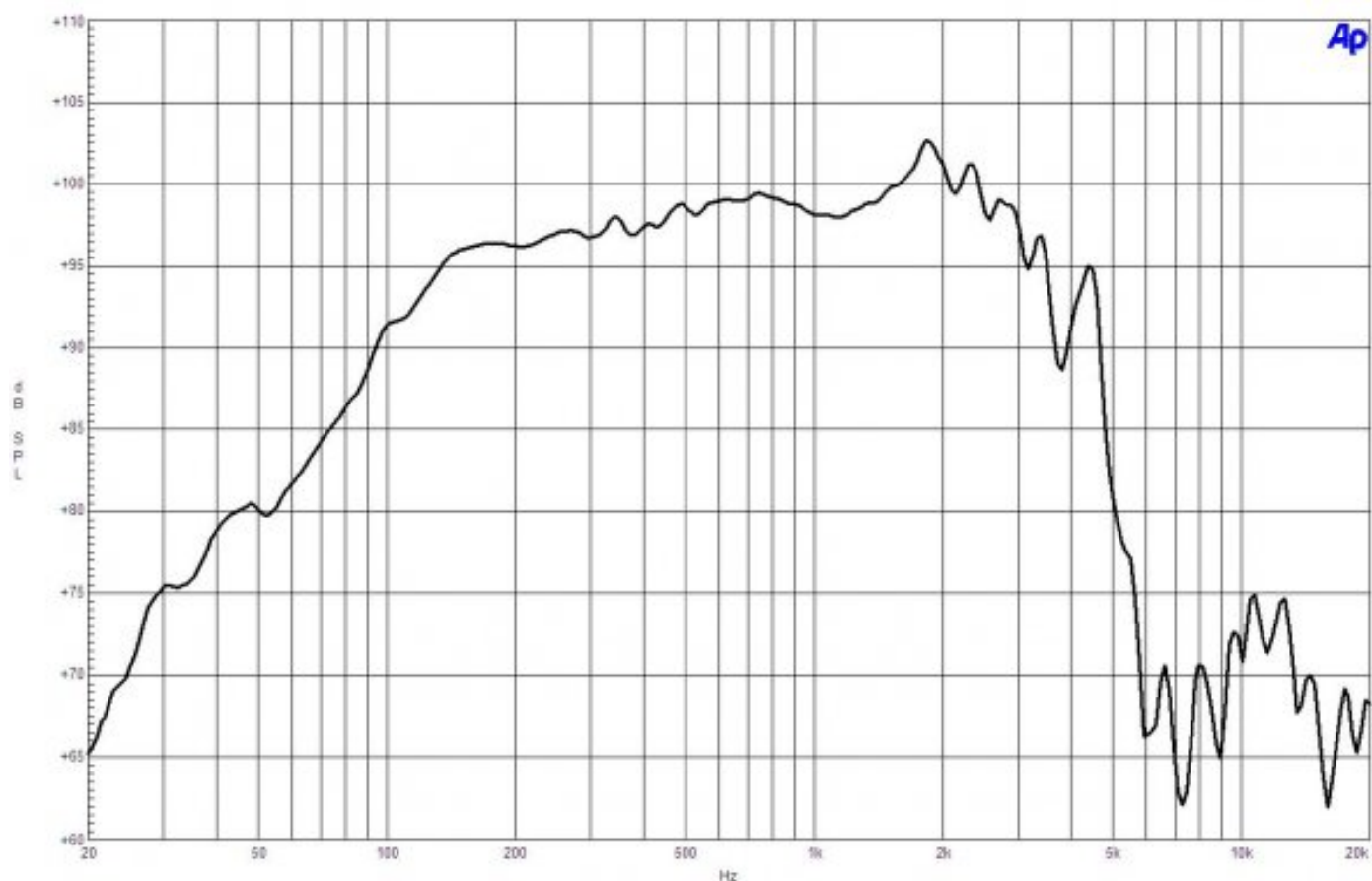
Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	Straight Pole
Woofers Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	40 dm³ (1.41 ft³)
Recommended Tuning	64 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	313 mm (12.32 in)
Bolt Circle Diameter	299 mm (11.77 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	133 mm (5.24 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air Volume Occupied by Driver	2 dm³ (0.07 ft³)
Net Weight	1.9 kg (4.2 lb)
Shipping Units	1 pcs
Shipping Weight	2.8 kg (6.17 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

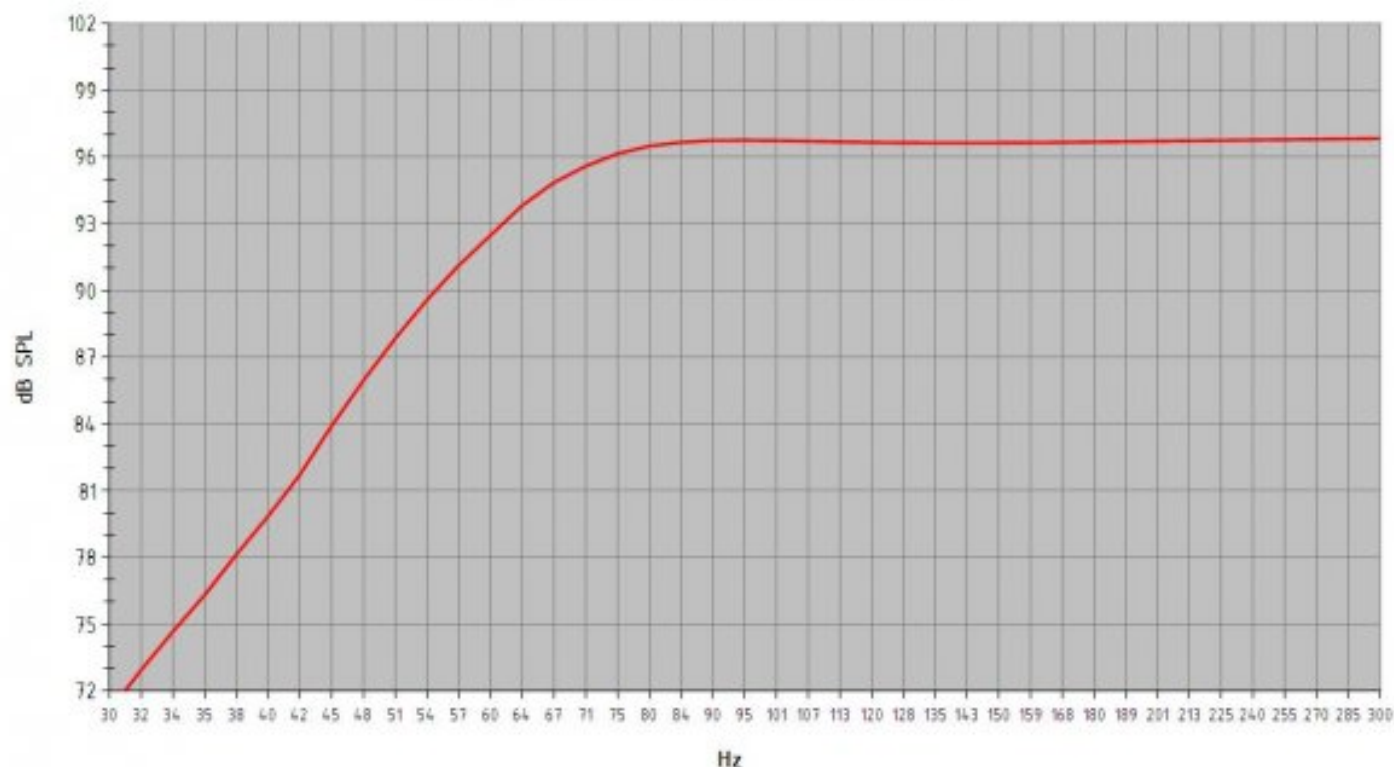
SERVICE KITS

LF recone-kits	RCK12CL648
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Frequency Response (2,83 Vrms/1 m)



Model: **12 CL 64**
Enclosure Type: **Bass Reflex**

Internal Net Volume (Liters): **40**
Tuning Frequency (Hz): **64**
Frequency (-3 dB) (Hz): **64,1**

Port Area (cm²): **138,7**
Port Length (cm): **13,8**

Excursion Limited Maximum SPL at 1 meter (dB): **119,4** equal to **222,7** Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): **119,9** equal to **250,0** Watts (Mid Band Power Rating)

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