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





B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
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SPECIFICATIONS

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.3 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**250 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**500 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**98 dB**
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**
Woofer 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 dm^3 (2.25 ft^3)**
Sd	**522 cm^2 (80.9 in^2)**
η0	**3.4 %**
Xmax	**4.5 mm**
Xvar	**6 mm**
Mms	**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**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**40 dm^3 (1.41 ft^3)**
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 dm^3 (0.07 ft^3)**
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)**

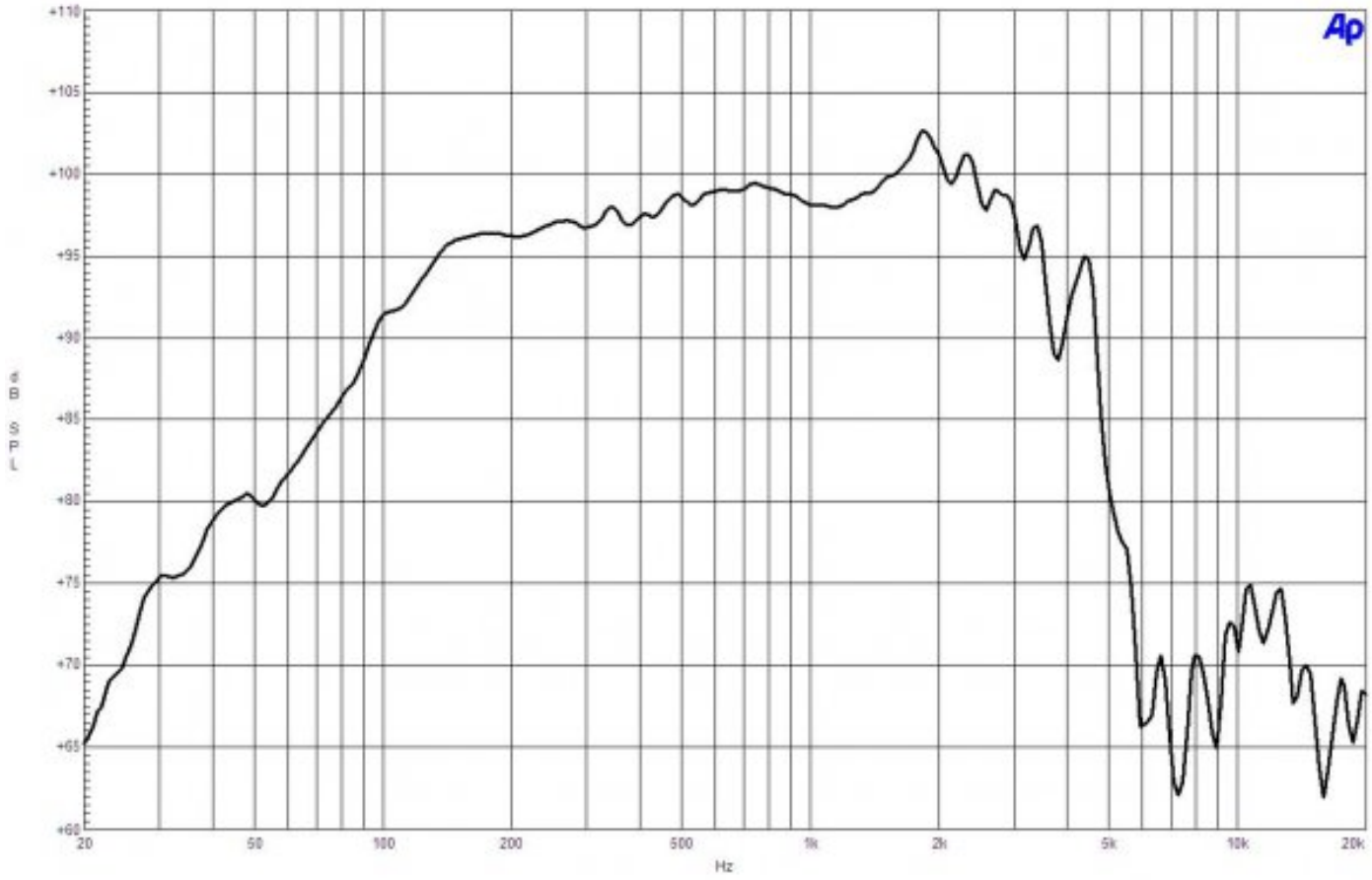
SERVICE KITS

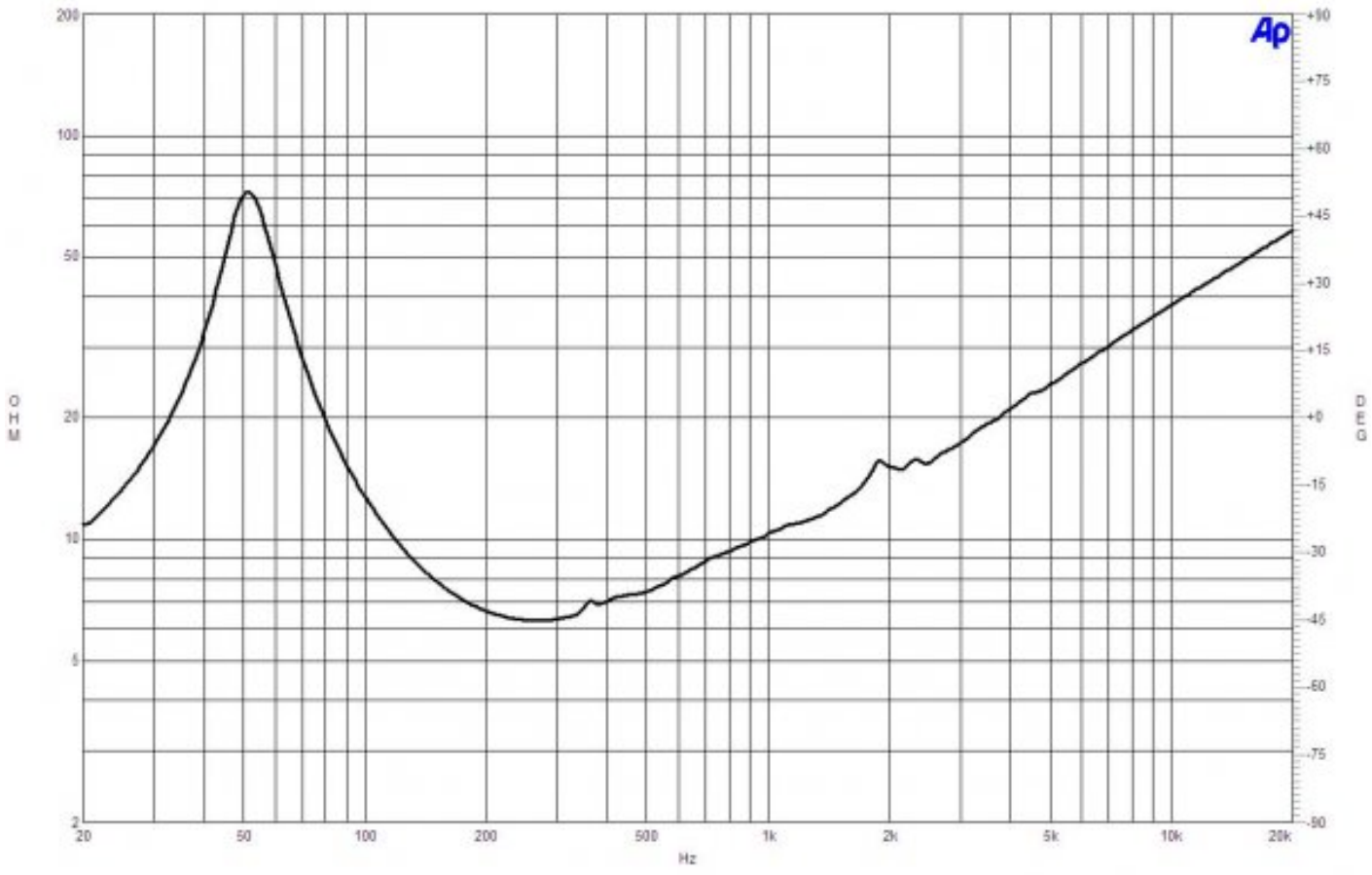
LF recone-kits	**RCK12CL648**

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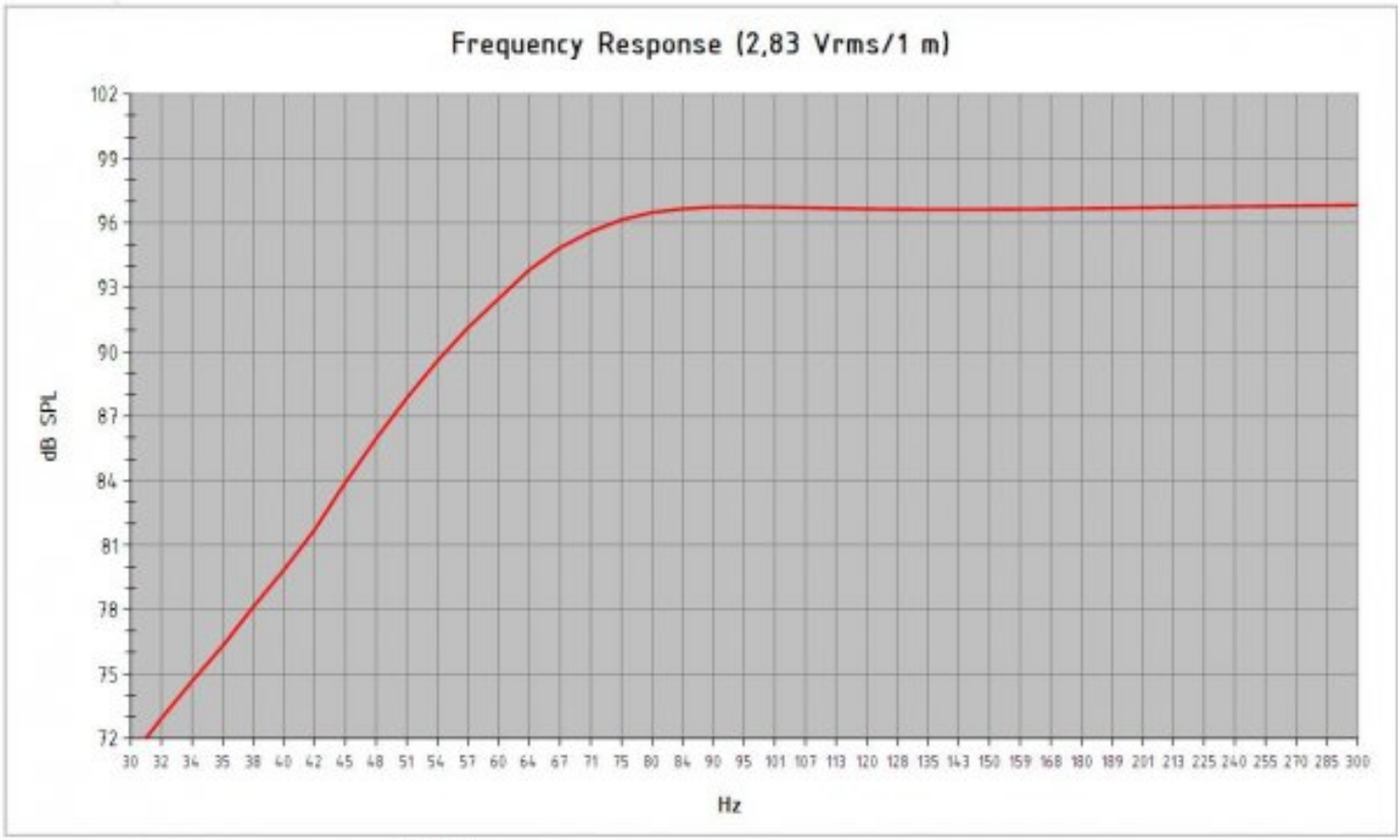




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Model:	***12 CL 64***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***40***				
Tuning Frequency (Hz):	***64***	*Port Area (cm²):*	***138,7***		
Frequency (-3 dB) (Hz):	***64,1***	*Port Length (cm):*	***13,8***		
Excursion 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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