

21SW150 4 Ω

Woofer

3000 W continuous program power capacity
150 mm (6 in) copper voice coil
30 - 1000 Hz response
95 dB sensitivity
Ventilated voice coil and aluminium demodulating ring
60 mm peak-to-peak excursion before damage
Double silicone spider with optimized compliance
The next generation 21' subwoofer from B&C features a massive neodymium ring magnet coupled with a 150 mm (6") split winding voice coil, that safely allows over 60 mm (2.5") of controlled peak-to-peak excursion. The newly engineered, ventilated chassis and double silicone spider keep things safe and cool



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SPECIFICATIONS

Nominal Diameter	530 mm (21 in)
Nominal Impedance	4 Ω
Minimum Impedance	4 Ω
Nominal Power Handling	1500 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	3000 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	95 dB
Applied RMS Voltage is set to 2V for 4 ohm Nominal Impedance	
Frequency Range	30 Hz - 1000 Hz
Voice Coil Diameter	150 mm (6 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	30 mm (1.18 in)
Magnetic Gap Depth	12 mm (0.5 in)
Flux Density	1.2 T
Woofer Cone Treatment	TWP Waterproof Both Sides

PARAMETERS

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

Fs	29 Hz
Re	3 Ω
Qes	0.27
Qms	8.1
Qts	0.26
Vas	254 dm³ (8.9 ft³)
Sd	1680 cm² (260.4 in²)
η ₀	2 %
X _{max}	15 mm
X _{var}	16 mm
M _{ms}	494 g
Bl	32.6 Tm
Le	1.3 mH
EBP	107 Hz

DESIGN

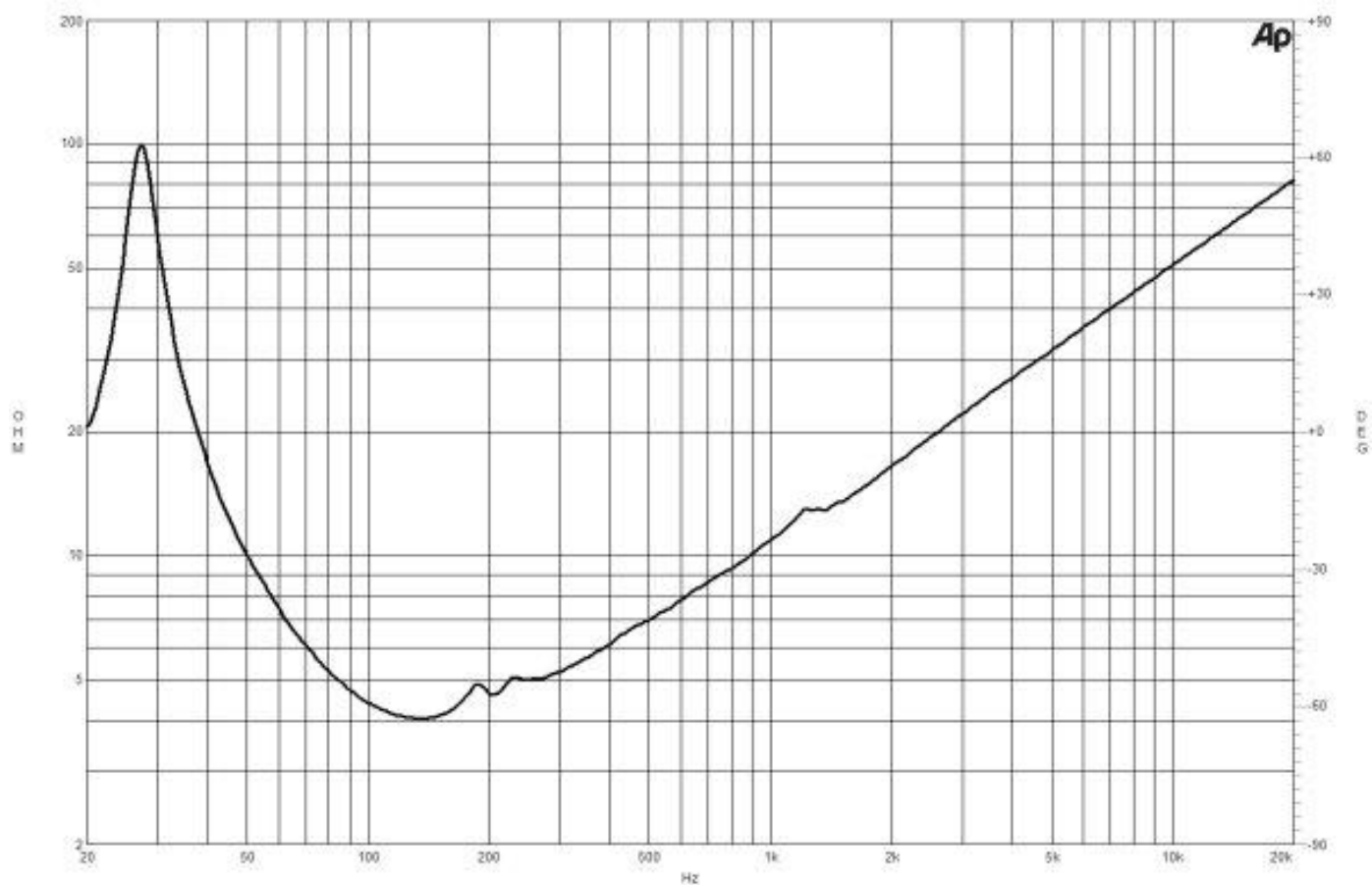
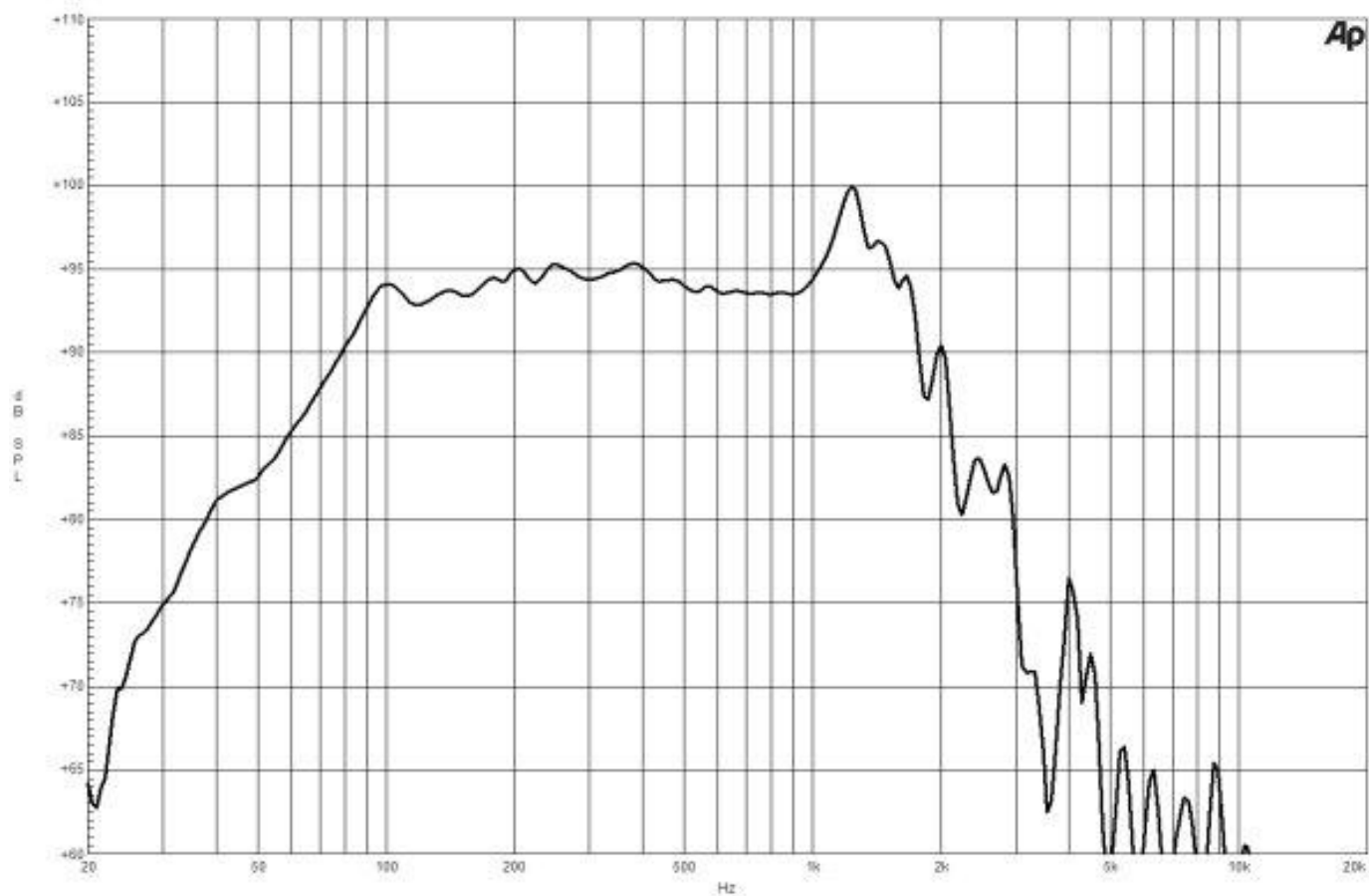
Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Material	Neodymium Ring
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	190 dm³ (6.71 ft³)
Recommended Tuning	33 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	547 mm (21.5 in)
Bolt Circle Diameter	527 mm (20.7 in)
Baffle Cutout Diameter	508 mm (20 in)
Depth	250 mm (8.2 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	18 kg (40 lb)
Shipping Units	1 pcs
Shipping Weight	20.3 kg (44.75 lb)
Shipping Box	570x570x320 mm (22.44x22.44x12.60 in)

SERVICE KITS

LF recone-kits	RCK21SW1504
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