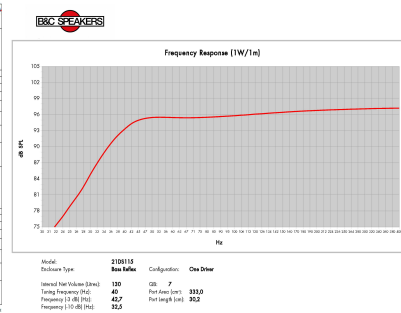
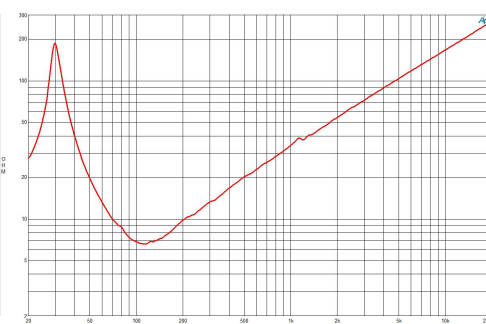
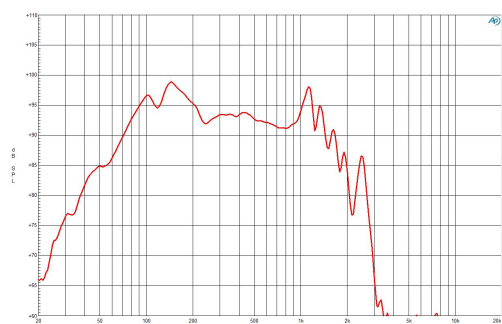


- 3400 W continuous program power capacity
- 116 mm (4.5 in) four layer aluminum voice coil
- 30 - 1000 Hz response
- 99 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion

This next evolution subwoofer uses a new, longer, four layer aluminum voice coil. The result is more energy in the gap, less heat, higher sensitivity, higher power handling, lower distortion and better overall performance. The 21DS115 features a 36 mm long, 4.5 inch diameter (116mm) Copper Clad Aluminum Wire voice coil. With a 1700watt AES power rating, 99 dB sensitivity, and over 16.5mm of Xvar, this high energy subwoofer is a significant step forward from similar models in the B&C range, even approaching the performance of our 6" voice coil alternatives.



SPECIFICATIONS

Nominal Diameter	530 mm (21 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Nominal Power Handling	1700 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	3400 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Sensitivity	99 dB Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
Frequency Range	30 Hz - 1000 Hz
Voice Coil Diameter	116 mm (4.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	36 mm (1.42 in)
Magnetic Gap Depth	14 mm (0.55 in)
Flux Density	0.8 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	30 Hz
Re	5.1 Ω
Qes	0.24
Qms	10
Qts	0.23
Vas	269 dm ³ (9.5 ft ³)
Sd	1680 cm ² (260.4 in ²)
η0	3 %
Xmax	15 mm
Xvar	16.5 mm
Mms	407 g
Bl	40.8 Tm
Le	4.6 mH
EBP	125 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Material	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	130 dm ³ (4.59 ft ³)
Recommended Tuning	40 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	547 mm (21.54 in)
Bolt Circle Diameter	527 mm (20.7 in)
Baffle Cutout Diameter	508 mm (20 in)
Depth	255 mm (10.04 in)
Flange and Gasket Thickness	13 mm (0.51 in)
Air Volume Occupied by Driver	15 dm ³ (0.53 ft ³)
Net Weight	14.7 kg (32.41 lb)
Shipping Units	1 pcs
Shipping Weight	17 kg (37.48 lb)
Shipping Box	570x570x320 mm (22.44x22.44x12.60 in)

SERVICE KITS

LF recone-kits	RCK21DS1158
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