21SW115 4 Ω

Subwoofer

- 3400 W continuous program power capacity
- 116 mm (4.5 in) split winding copper voice coil
- 33 - 1000 Hz response
- 97 dB sensitivity
- 60 mm peak-to-peak excursion before damage
- Neodymium magnet allows a very high force factor and linear excursion
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion





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21SW115 4 Ω

Subwoofer

SPECIFICATIONS

Nominal Diameter	**530 mm (21 in)**
Nominal Impedance	**4 Ω**
Minimum Impedance	**4.2 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.	**1700 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**3400 W**
Sensitivity Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance.	**97 dB**
Frequency Range	**33 Hz - 1000 Hz**
Voice Coil Diameter	**116 mm (4.5 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**34 mm (1.34 in)**
Magnetic Gap Depth	**14 mm (0.55 in)**
Flux Density	**1.15 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	**33 Hz**
Re	**3.6 Ω**
Qes	**0.37**
Qms	**7.7**
Qts	**0.36**
Vas	**278 dm³ (9.7 ft³)**
Sd	**1680 cm² (260.4 in²)**
η0	**2.6 %**
Xmax	**14 mm**
Xvar	**15 mm**
Mms	**335 g**
Bl	**24.8 Tm**
Le	**1.7 mH**
EBP	**89 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	**250 dm³ (8.83 ft³)**
Recommended Tuning	**32 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**547 mm (21.5 in)**
Bolt Circle Diameter	**527 mm (20.7 in)**
Baffle Cutout Diameter	**503 mm (19.8 in)**
Depth	**249 mm (9.8 in)**
Flange and Gasket Thickness	**14 mm (0.53 in)**
Air Volume Occupied by Driver	**15 dm³ (0.53 ft³)**
Net Weight	**14 kg (30.8 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**16.3 kg (35.94 lb)**
Shipping Box	**570x570x320 mm (22.44x22.44x12.60 in)**

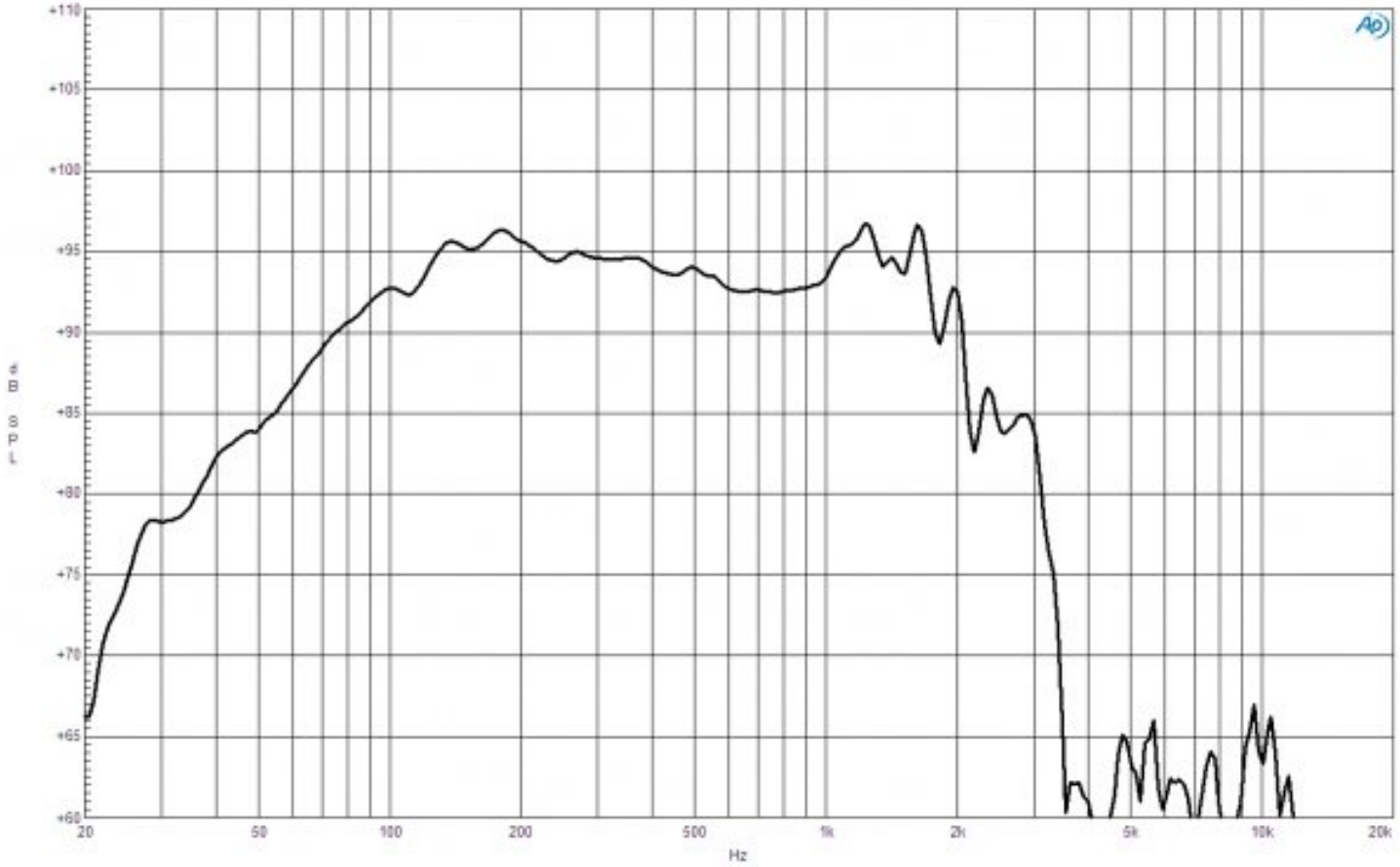
SERVICE KITS

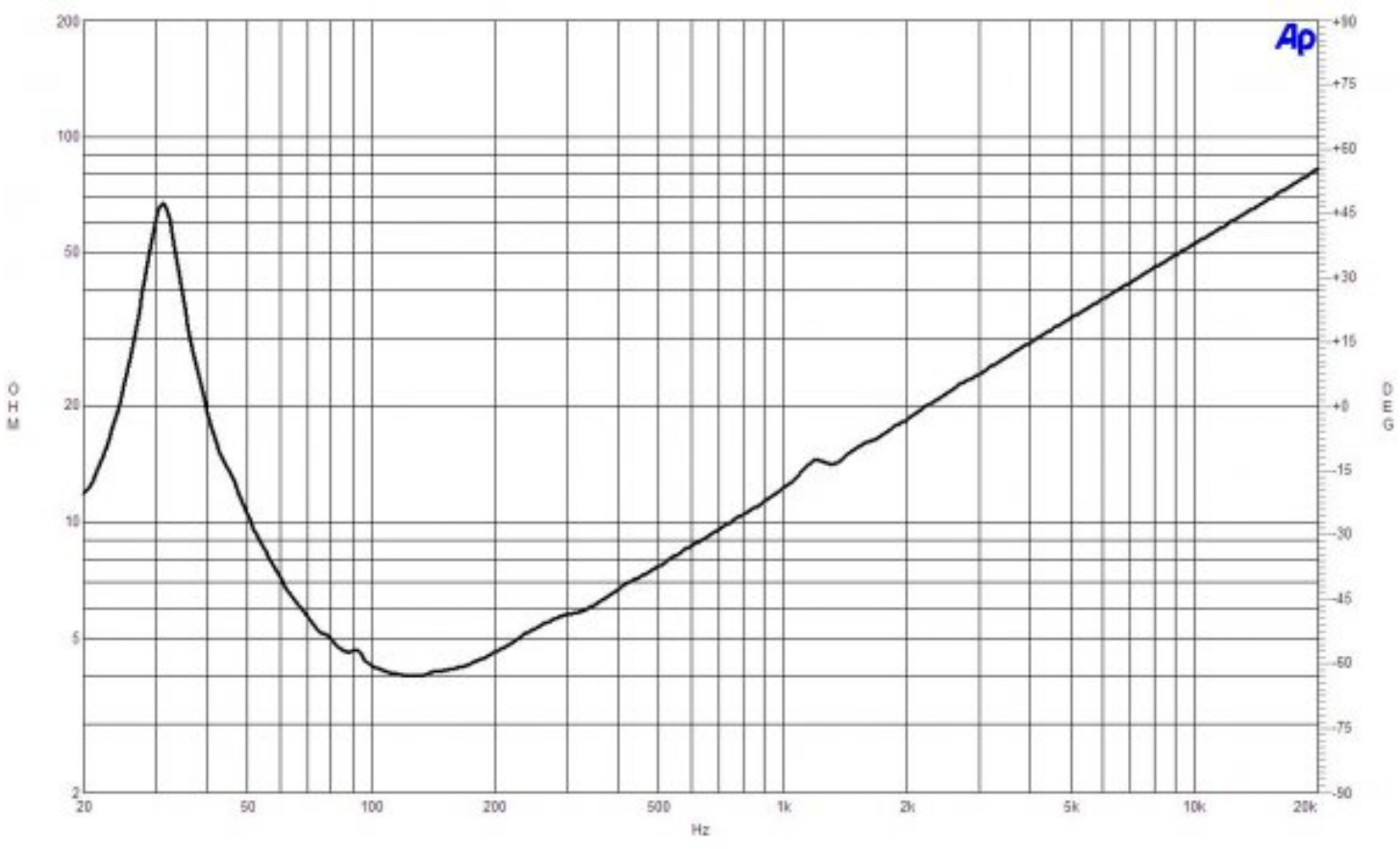
LF recone-kits	**RCK21SW1154**

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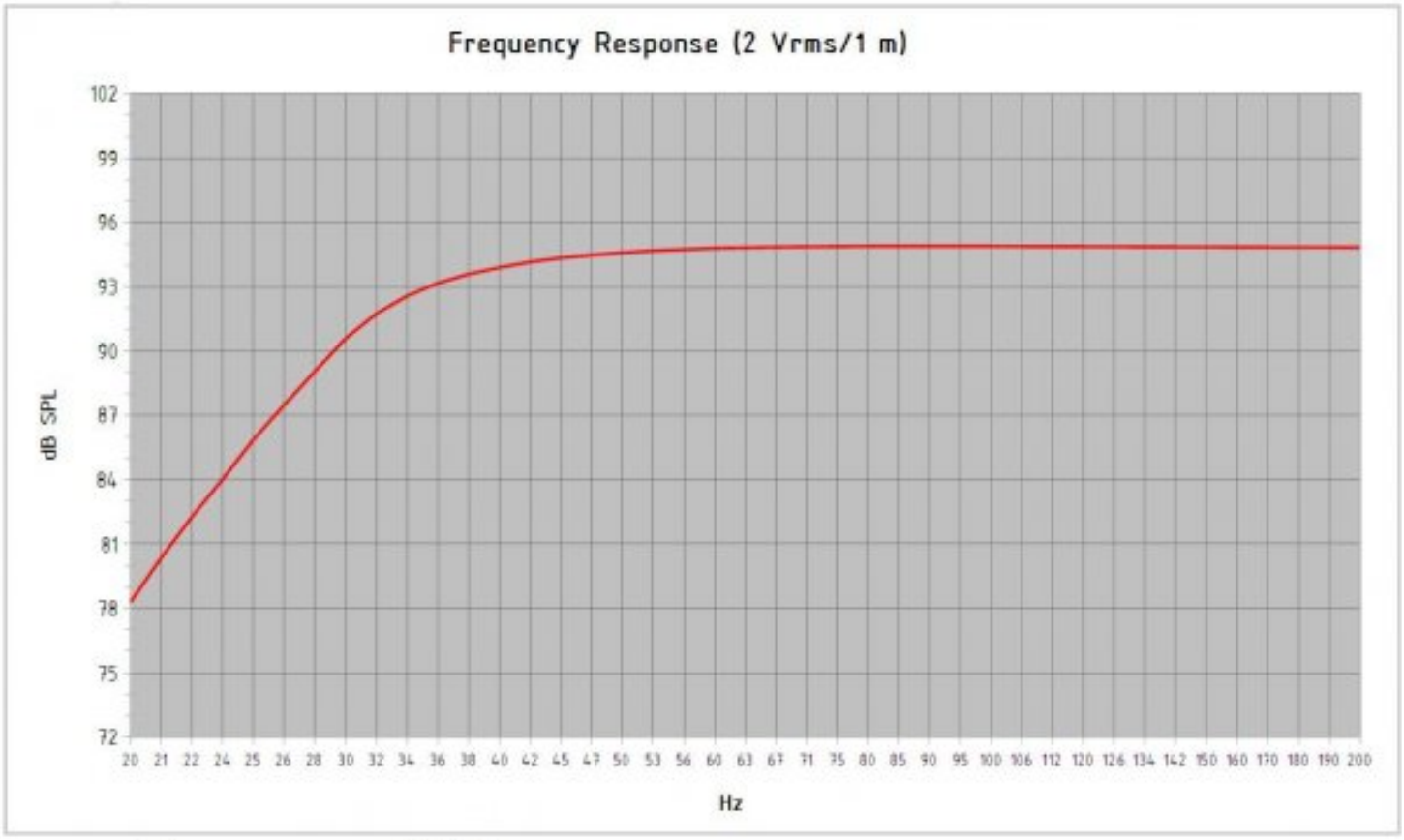
Subwoofer





21SW115 4 Ω

Subwoofer



Model:	***21 SW 115***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***250***				
Tuning Frequency (Hz):	***32***	*Port Area (cm²):*	***482,8***		
Frequency (-3 dB) (Hz):	***32,1***	*Port Length (cm):*	***35,1***		
Excursion Limited Maximum SPL at 1 meter (dB):	***125,5***	*equal to*	***1127,9***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***127,3***	*equal to*	***1700,0***	*Watts*	*(Mid Band Power Rating)*

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