

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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SPECIFICATIONS

Nominal Diameter	530 mm (21 in)
Nominal Impedance	4 Ω
Minimum Impedance	4.2 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	97 dB
Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance.	
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)
η ₀	2.6 %
X _{max}	14 mm
X _{var}	15 mm
M _{ms}	335 g
Bl	24.8 Tm
Le	1.7 mH
EBP	89 Hz

DESIGN

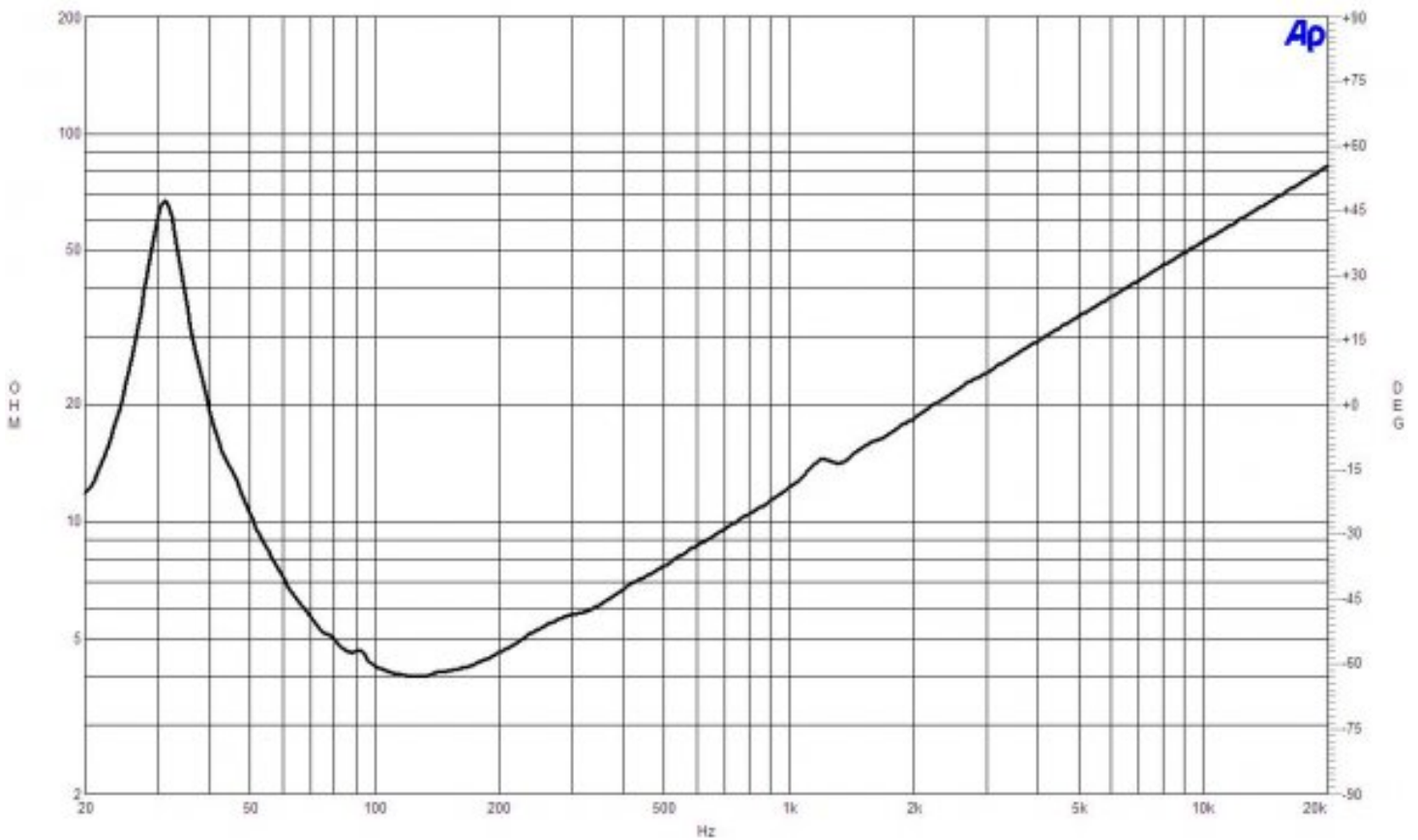
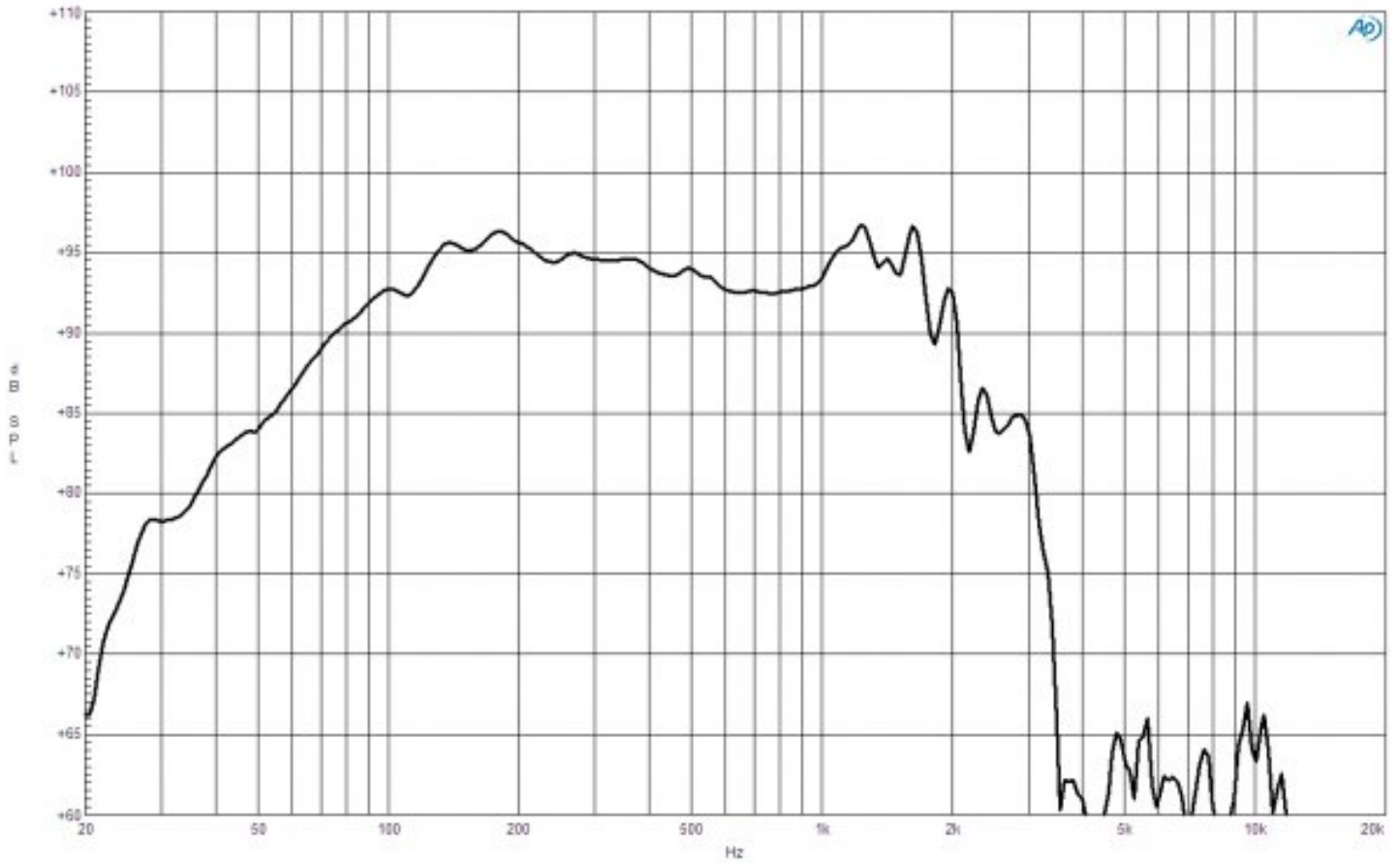
Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Material	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	250 dm³ (8.83 ft³)
Recommended Tuning	32 Hz

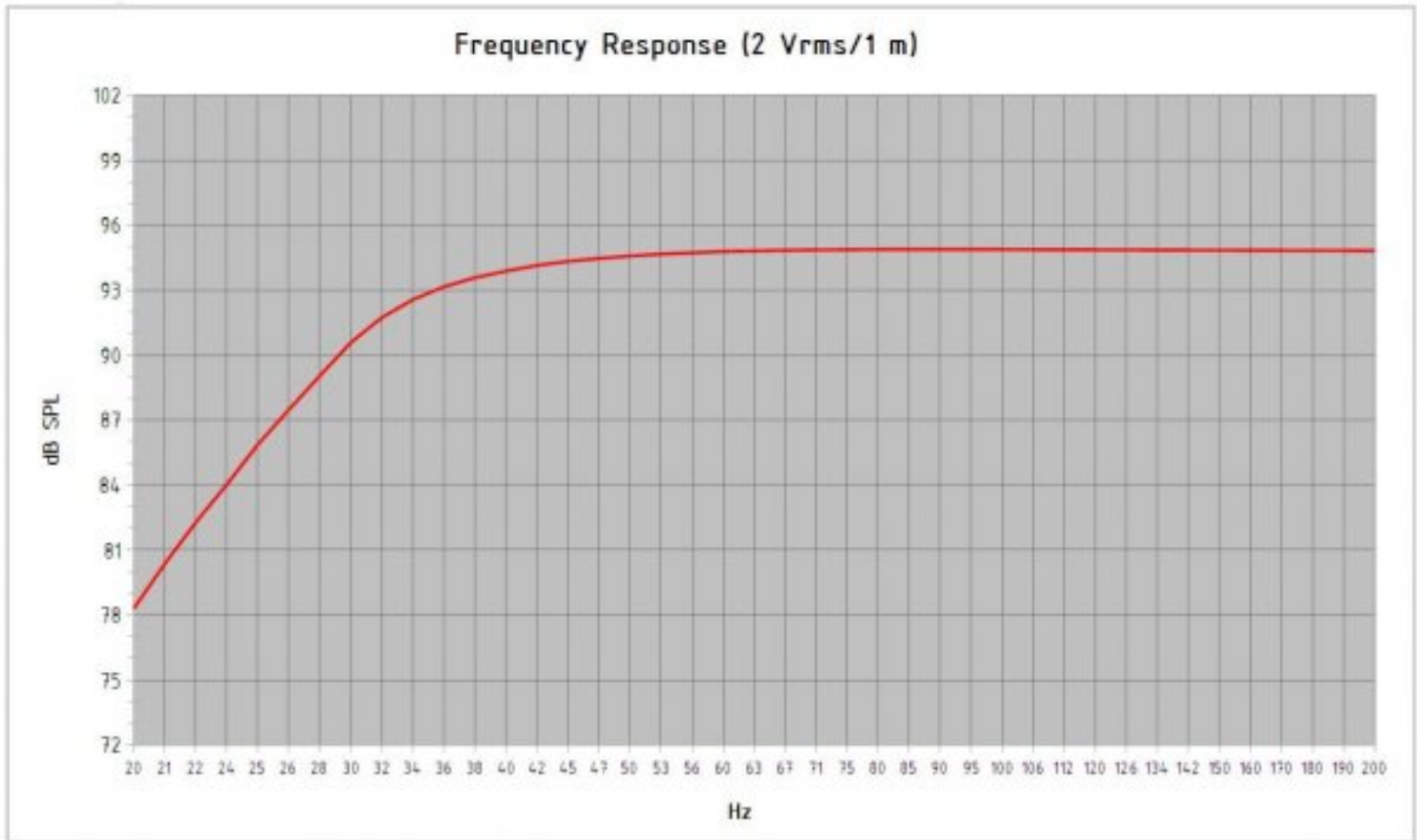
MOUNTING AND SHIPPING INFO

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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Model:	21 SW 115		
Enclosure Type:	Bass Reflex		
Internal Net Volume (Liters):	250	Port Area (cm ²):	482,8
Tuning Frequency (Hz):	32	Port Length (cm):	35,1
Frequency (-3 dB) (Hz):	32,1		
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)

