

21SW152 4 Ω

Subwoofer

- 4000 W continuous program power capacity
- 153 mm (6 in) split winding copper voice coil
- 30 - 1000 Hz response
- 96 dB sensitivity
- 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	2000 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	4000 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	96 dB
Applied RMS Voltage is set to 2 V for 4 ohms Nominal Impedance.	
Frequency Range	30 Hz - 1000 Hz
Voice Coil Diameter	153 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
Woofers Cone Treatment	TWP Waterproof Both Sides

PARAMETERS

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

Fs	32 Hz
Re	3.3 Ω
Qes	0.31
Qms	7
Qts	0.3
Vas	200 dm³ (7 ft³)
Sd	1680 cm² (260.4 in²)
η ₀	2.2 %
X _{max}	15 mm
X _{var}	16 mm
M _{ms}	460 g
Bl	32.5 Tm
Le	1.5 mH
EBP	103 Hz

DESIGN

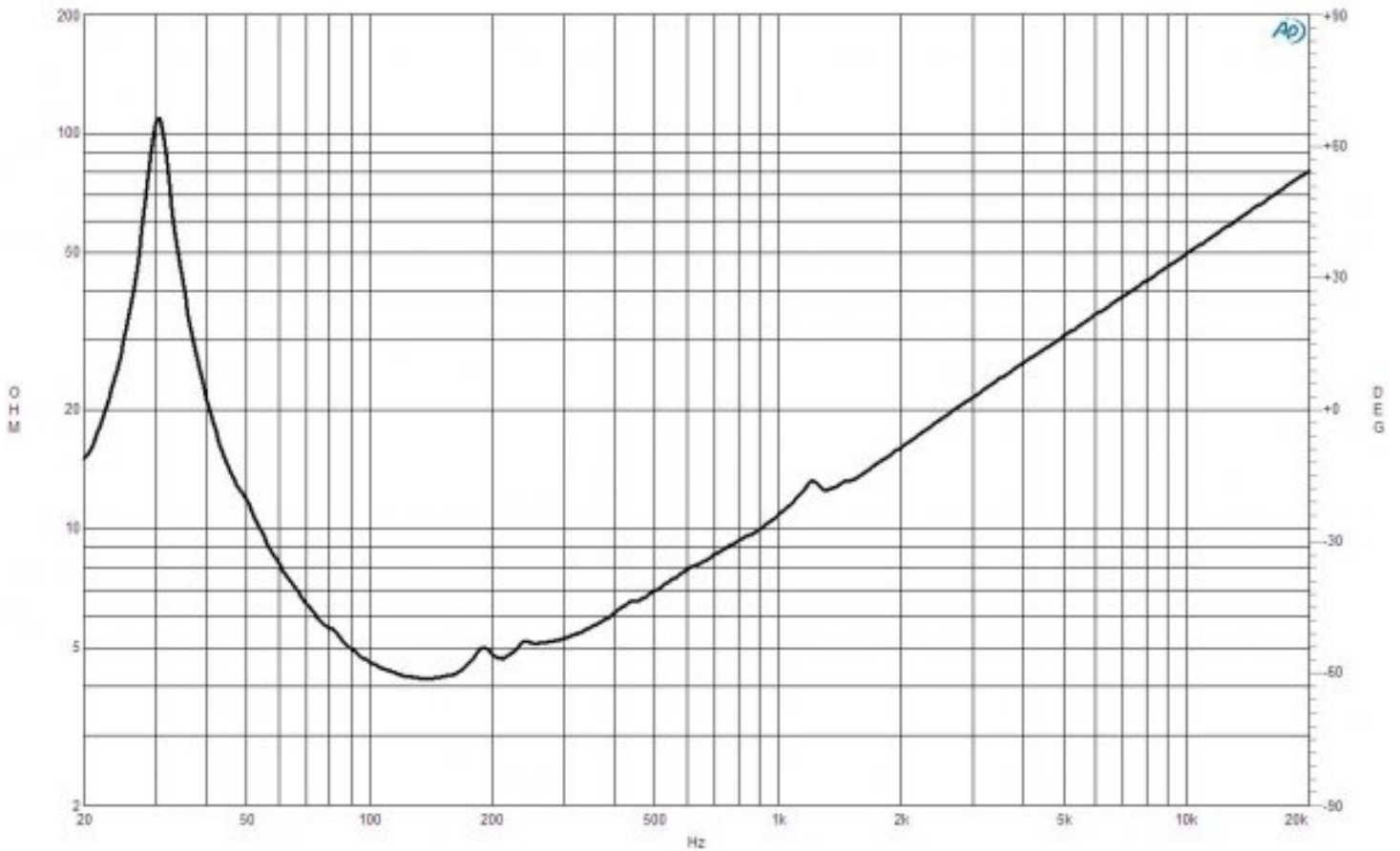
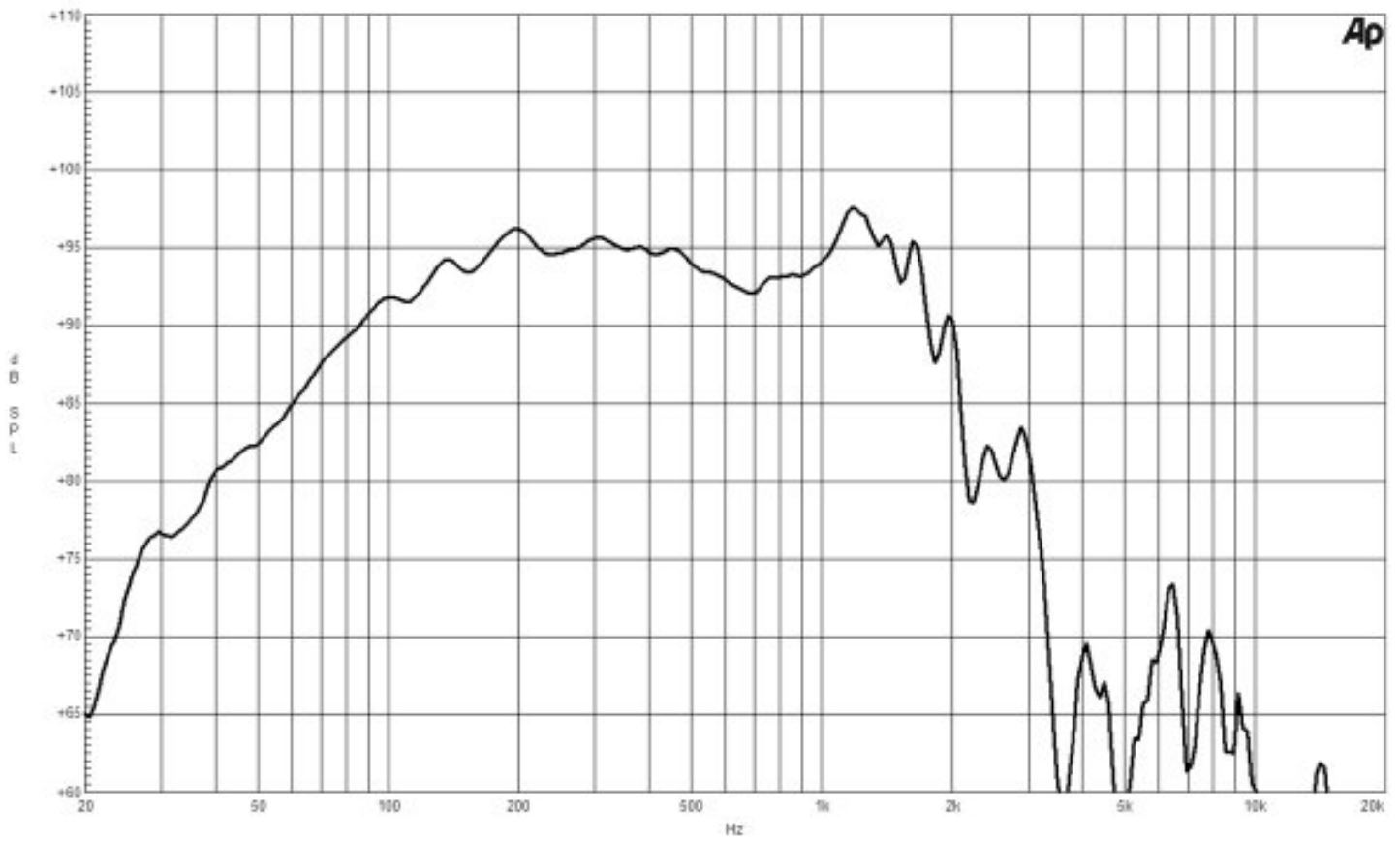
Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Material	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofers Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	190 dm³ (6.71 ft³)
Recommended Tuning	33 Hz

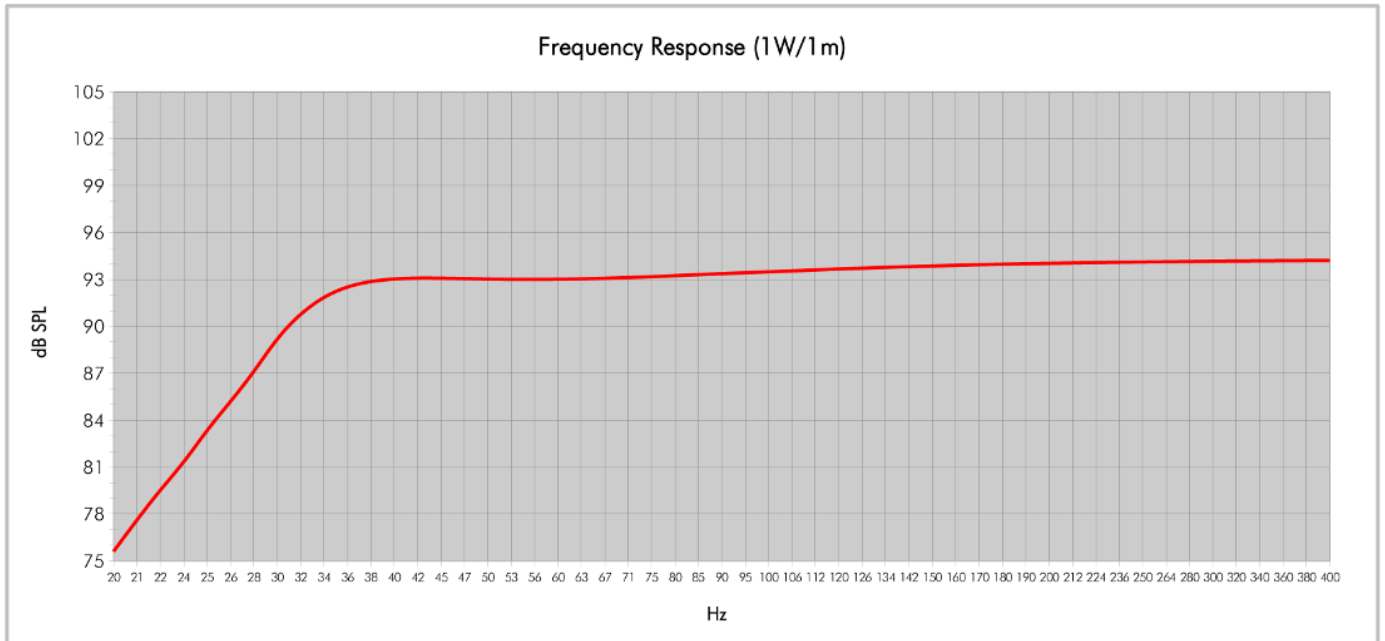
MOUNTING AND SHIPPING INFO

Overall Diameter	547 mm (21.5 in)
Bolt Circle Diameter	527 mm (20.7 in)
Baffle Cutout Diameter	508 mm (20 in)
Depth	261 mm (10.3 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Air Volume Occupied by Driver	16 dm³ (0.56 ft³)
Net Weight	18.5 kg (40.7 lb)
Shipping Units	1 pcs
Shipping Weight	20.8 kg (45.86 lb)
Shipping Box	570x570x320 mm (22.44x22.44x12.60 in)

SERVICE KITS

LF recone-kits	RCK21SW1524
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Model:	21SW152	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	190	QB:	7
Tuning Frequency (Hz):	33	Port Area (cm ²):	480,0
Frequency (-3 dB) (Hz):	33,0	Port Length (cm):	48,3
Frequency (-10 dB) (Hz):	25,7		

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