

**21SW152** 8 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	<b>530 mm (21 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>7 Ω</b>
Nominal Power Handling	<b>2000 W</b>
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	<b>4000 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>96 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>30 Hz - 1000 Hz</b>
Voice Coil Diameter	<b>153 mm (6 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>32 mm (1.26 in)</b>
Magnetic Gap Depth	<b>12 mm (0.5 in)</b>
Flux Density	<b>1.2 T</b>
Woofer Cone Treatment	<b>TWP Waterproof Both Sides</b>

**PARAMETERS**

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

Fs	<b>32 Hz</b>
Re	<b>6 Ω</b>
Qes	<b>0.38</b>
Qms	<b>6.4</b>
Qts	<b>0.36</b>
Vas	<b>200 dm<sup>3</sup> (7.06 ft<sup>3</sup>)</b>
Sd	<b>1680 cm<sup>2</sup> (260.4 in<sup>2</sup>)</b>
η <sub>0</sub>	<b>1.9 %</b>
X <sub>max</sub>	<b>15 mm</b>
X <sub>var</sub>	<b>16 mm</b>
M <sub>ms</sub>	<b>450 g</b>
Bl	<b>39 Tm</b>
Le	<b>2.2 mH</b>
EBP	<b>84 Hz</b>

**DESIGN**

Surround Shape	<b>Triple Roll</b>
Cone Shape	<b>Radial</b>
Magnet Material	<b>Neodymium Inside Slug</b>
Spider	<b>Double Silicone</b>
Pole Design	<b>T-Pole</b>
Woofer Cone Treatment	<b>TWP Waterproof Both Sides</b>
Recommended Enclosure	<b>190 dm<sup>3</sup> (6.71 ft<sup>3</sup>)</b>
Recommended Tuning	<b>33 Hz</b>

**MOUNTING AND SHIPPING INFO**

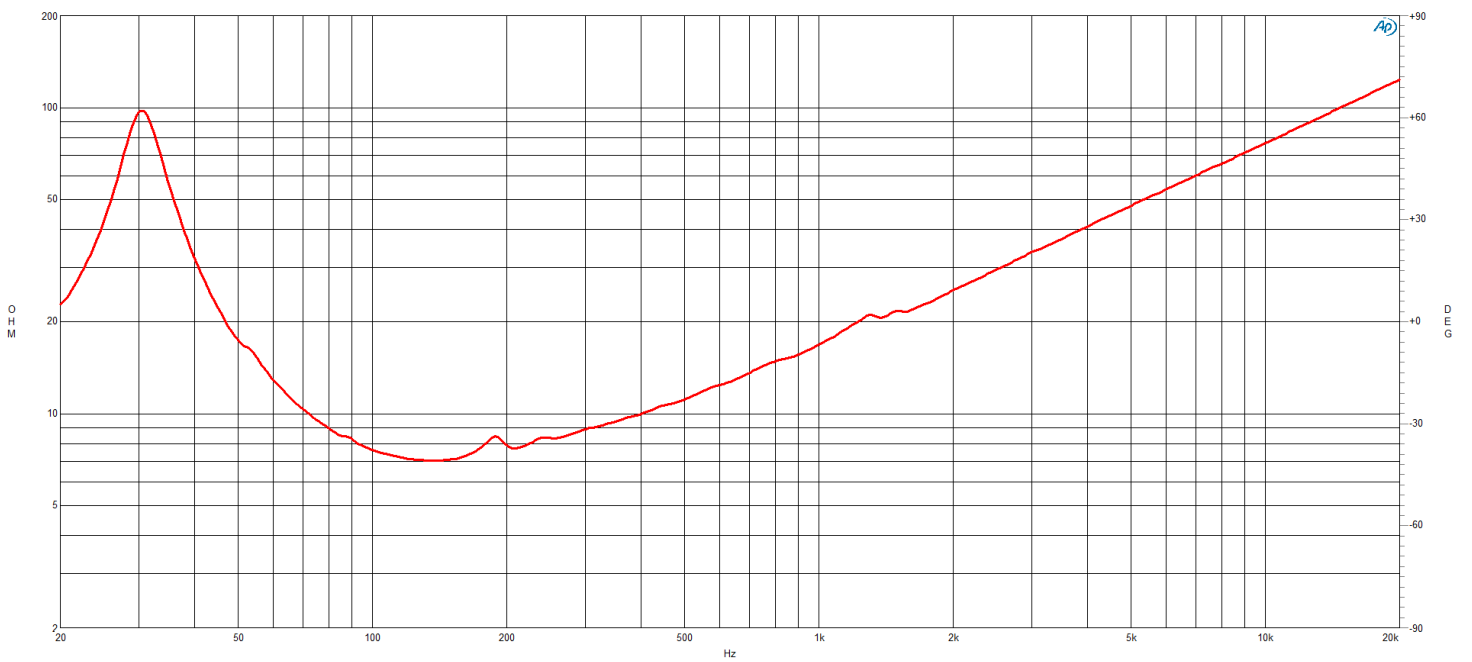
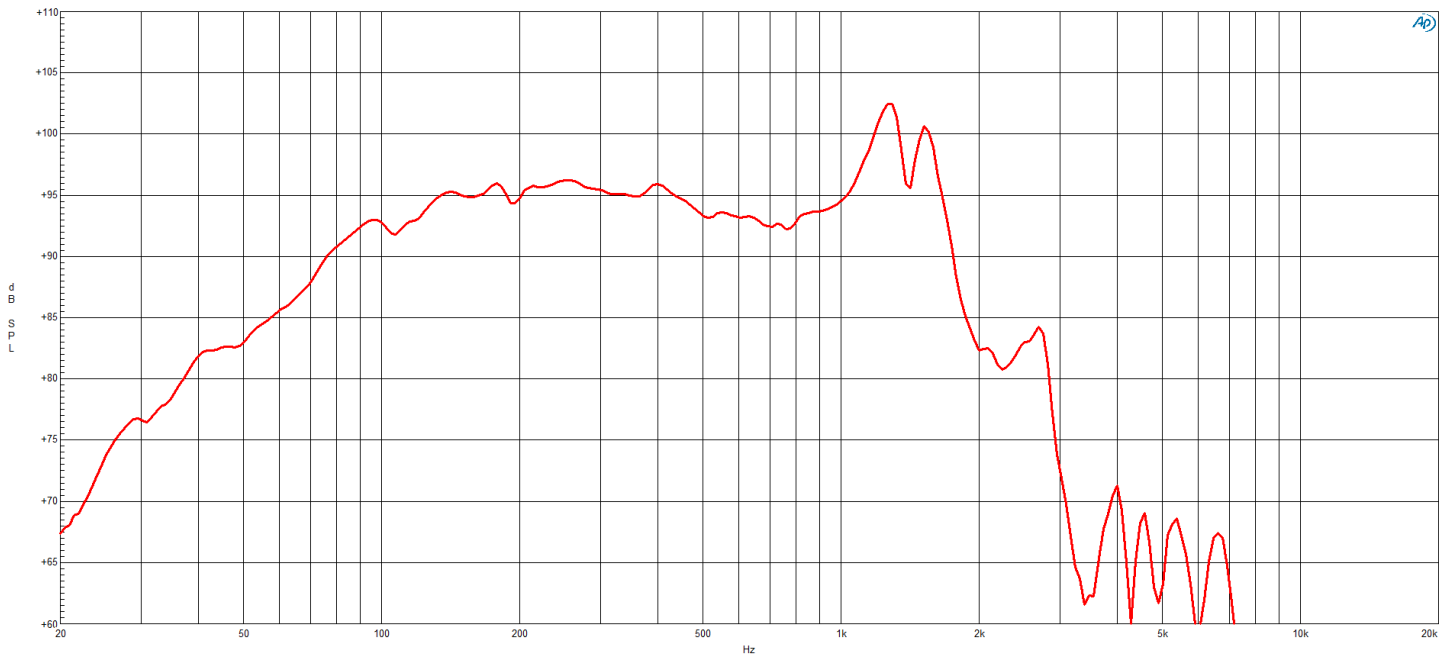
Overall Diameter	<b>547 mm (21.54 in)</b>
Bolt Circle Diameter	<b>527 mm (20.75 in)</b>
Baffle Cutout Diameter	<b>508 mm (20 in)</b>
Depth	<b>261 mm (10.28 in)</b>
Flange and Gasket Thickness	<b>16 mm (0.63 in)</b>
Air Volume Occupied by Driver	<b>16 dm<sup>3</sup> (0.57 ft<sup>3</sup>)</b>
Net Weight	<b>18.5 kg (40.79 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>20.8 kg (45.86 lb)</b>
Shipping Box	<b>570x570x320 mm (22.44x22.44x12.60 in)</b>

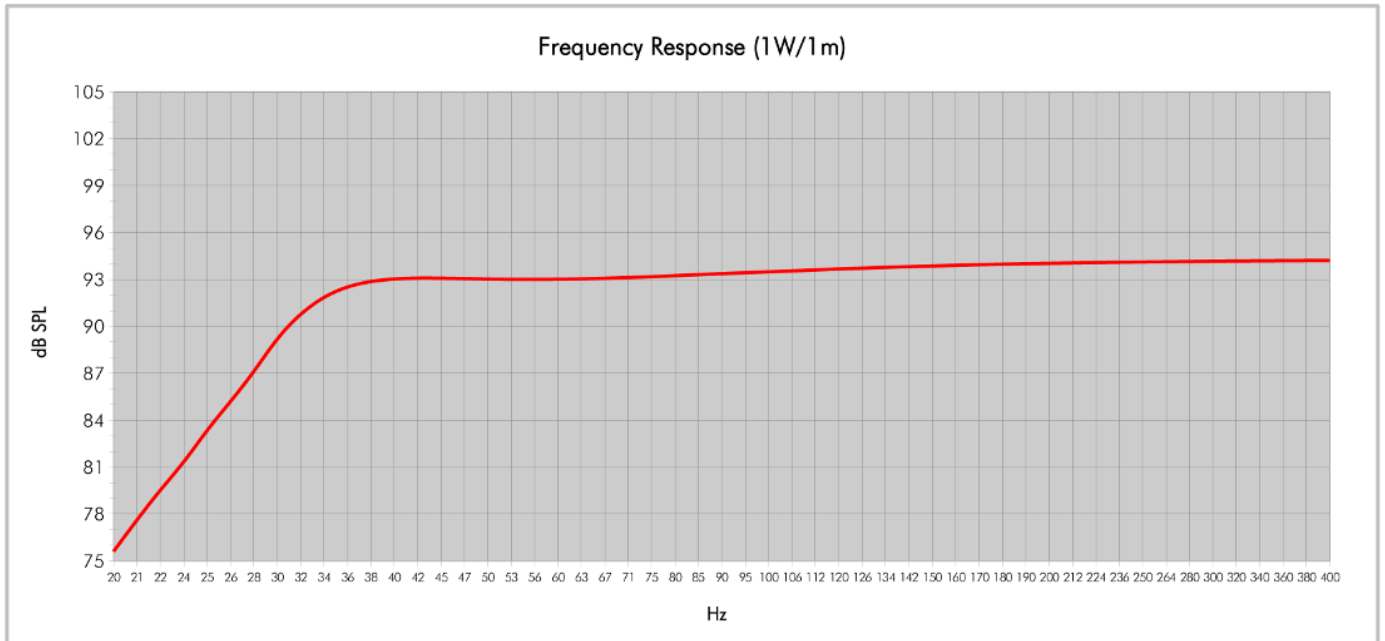
**SERVICE KITS**

LF recone-kits	<b>RCK21SW1528</b>
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Model:	<b>21SW152</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>		
Internal Net Volume (Litres):	<b>190</b>	QB:	<b>7</b>
Tuning Frequency (Hz):	<b>33</b>	Port Area (cm <sup>2</sup> ):	<b>480,0</b>
Frequency (-3 dB) (Hz):	<b>33,0</b>	Port Length (cm):	<b>48,3</b>
Frequency (-10 dB) (Hz):	<b>25,7</b>		

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