

21SW152

ND SUBWOOFER



4000 W
continuous program
power capacity

153 mm (6 in)
split winding copper
voice coil

Double silicone
spider with optimized
compliance

Ventilated voice
coil gap for reduced
power compression

Aluminium
demodulating ring
for very low distortion

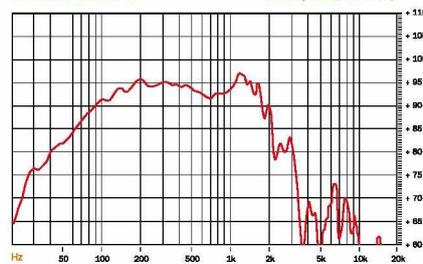
96 dB
sensitivity

30 - 1000 Hz
response

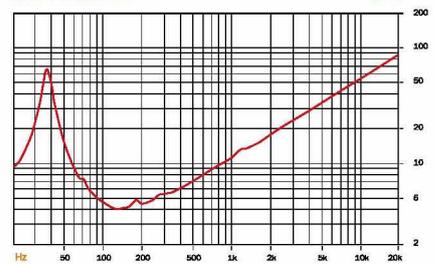
60 mm
peak-to-peak excursion
before damage



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	530 mm (21 in)
Nominal Impedance	4 Ω
Minimum Impedance	4.2 Ω
Power Handling	
Nominal (AES) ¹	2000 W
Continuous Program ²	4000 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	30 - 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
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Both Sides

THIELE & SMALL PARAMETERS⁴

Fs	32 Hz
Re	3.3 Ω
Qes	0.31
Qms	7.0
Qts	0.3
Vas	200.0 dm ³ (7.0 ft ³)
Sd	1680 cm ² (260.4 in ²)
η ₀	2.2 %
X max	± 15 mm
X var	± 16 mm
Mms	460 g
Bl	32.5 T·m
Le	1.5 mH
EBP	103 Hz

MOUNTING AND SHIPPING INFORMATION

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 (0.62 in)
Air volume occupied by driver	16 dm ³ (0.56 ft ³)
Net Weight	18.5 kg (40.7 lb)
Shipping Weight	20.8 kg (45.86 lb)
Shipping Box	570x570x320 mm (22.44x22.44x12.60 in)
Service kit	RCK21SW152-4

¹ Two hour test made with continuous pink noise signal (6 dB crest factor) within the specified range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

² Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

³ Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 100 to 500 Hz.

⁴ Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Also available in 8 16 Ω, data upon request