



CAR AUDIO FOR FANATICS

# R1S4-12

**Power Handling**

**200 Watts RMS / 400 Watts Max.**

**Single Voice Coil  
Subwoofer 30 cm**

## Technical Specifications

Impedance	Zn	4 Ohms
Voice Coil Diameter	Ø	51 mm
Voice Coil Winding Height		20 mm
Max. Linear Excursion	Xmax	+/- 7 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 21,5 mm
Cone Area	Sd	530,9 cm <sup>2</sup>
Moving Mass	Mms	118,9 g
DC Resistance	Re	3,5 Ohms
Resonance Frequency	Fs	30,5 Hz
Mechanical Q-Factor	Qms	7,97
Electrical Q-Factor	Qes	0,58
Total Q-Factor	Qts	0,54
Equivalent Air Volume	VAS	90,4 L
VC Inductance	Le	2,1 mH
Flux Density	B/L	11,66 N/A
Efficiency 1W/1m	SPL	90 dB

## Recommended Enclosure

Ported Box	
Vented Volume:	50,7 L
Port Diameter:	76 mm
Port Area:	45 cm <sup>2</sup>
Port Length:	15 cm
Tuning Freq. (Fb):	36 Hz
-3 dB Rolloff (F3):	33 Hz

## Recommended Enclosure

Sealed Box	
Sealed Volume:	28,9 L
-3 dB Rolloff (F3):	43 Hz

## Mechanical Components

- Steel Basket
- Reinforced Paper Cone
- Foam Surround
- Aluminium Dustcap
- Single Spider
- Y30 Magnet 40 oz (1.134 g)
- Aluminium Voice Coil Former

## Dimensions & Weight

External Diameter:	330 mm
Mounting Diameter:	285 mm
Mounting Depth:	126 mm
Shipping Weight:	4,7 kg

