



CAR AUDIO FOR FANATICS

T2S1-13

Power Handling

2000 Watts RMS / 4000 Watts Max.

**Single Voice Coil
Subwoofer 33 cm**

Technical Specifications

Impedance	Zn	1 Ohms
Voice Coil Diameter	Ø	101 mm
Voice Coil Winding Height		82,5 mm
Max. Linear Excursion	Xmax	+/- 34 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 27 mm
Cone Area	Sd	707 cm ²
Moving Mass	Mms	406,9 g
DC Resistance	Re	0,9 Ohms
Resonance Frequency	Fs	25 Hz
Mechanical Q-Factor	Qms	2,93
Electrical Q-Factor	Qes	0,39
Total Q-Factor	Qts	0,34
Equivalent Air Volume	VAS	69,3 L
VC Inductance	Le	0,53 mH
Flux Density	B/L	12,25 N/A
Efficiency 1W/1m	SPL	87 dB

Recommended Enclosure

Sealed Box	
Sealed Volume:	52 L
-3 dB Rolloff (F3):	55,5 Hz

Recommended Enclosure

Ported Box	
Vented Volume:	113 L
Port Area:	270 cm ²
Port Length:	52 cm
Tuning Freq. (Fb):	38 Hz
-3 dB Rolloff (F3):	32 Hz

Mechanical Components

- Diecast Aluminium Basket
- Glass-Fibre/Aramid Honeycomb Cone
- Foam Surround
- Dual Nomex Spider
- Triple Magnet 3 x 176 oz (14.969 g)
- Magnet Size: Ø266 mm

Dimensions & Weight

External Diameter:	374 mm
Mounting Diameter:	312 mm
Mounting Depth:	246 mm
Shipping Weight:	42,2 kg



Audio Design, Tel. 07253-9465-14, Fax 946510, eMail: boxes@audiodesign.de, Internet: www.audiodesign.de



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Mechanical Components

- Aluminium Dustcap
- Aluminium Voice Coil Former

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