



CAR AUDIO FOR FANATICS

# T1S1-10

**Power Handling**

**500 Watts RMS / 1000 Watts Max.**

**Single Voice Coil  
Subwoofer 25 cm**

## Technical Specifications

Impedance	Zn	1 Ohms
Voice Coil Diameter	Ø	63,5 mm
Voice Coil Winding Height		36,3 mm
Max. Linear Excursion	Xmax	+/- 15 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 30 mm
Cone Area	Sd	356 cm <sup>2</sup>
Moving Mass	Mms	195,8 g
DC Resistance	Re	0,9 Ohms
Resonance Frequency	Fs	42 Hz
Mechanical Q-Factor	Qms	9,43
Electrical Q-Factor	Qes	1,05
Total Q-Factor	Qts	0,95
Equivalent Air Volume	VAS	13 L
VC Inductance	Le	0,28 mH
Flux Density	B/L	6,62 N/A
Efficiency 1W/1m	SPL	82 dB

## Recommended Enclosure

Ported Box	
Vented Volume:	42,5 L
Port Diameter:	10 mm
Port Area:	80 cm <sup>2</sup>
Port Length:	36 cm
Tuning Freq. (Fb):	40 Hz
-3 dB Rolloff (F3):	30 Hz

## Recommended Enclosure

Sealed Box	
Sealed Volume:	22,6 L
-3 dB Rolloff (F3):	40,3 Hz

## Mechanical Components

- Diecast Aluminium Basket
- Glass-Fibre Cone
- Foam Surround
- Aluminium Dustcap
- Dual Nomex Spider
- Neodym Magnet 15,1 oz (428 g)

## Dimensions & Weight

External Diameter:	275 mm
Mounting Diameter:	232 mm
Mounting Depth:	77 mm
Shipping Weight:	5,7 kg

