

# VE1522

## Dual Voice Coil Subwoofer 38 cm

**Power Handling**  
4.000 Watts RMS / 8.000 Watts Max.

### Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	76 mm
Voice Coil Winding Height		50 mm
Max. Linear Excursion	Xmax	+/- 17,5 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 25 mm
Cone Area	Sd	844 cm <sup>2</sup>
Moving Mass	Mms	322 g
DC Resistance	Re	2 x 2 Ohms
Resonance Frequency	Fs	35 Hz
Mechanical Q-Factor	Qms	5,25
Electrical Q-Factor	Qes	0,43
Total Q-Factor	Qts	0,4
Equivalent Air Volume	VAS	64 L
VC Inductance	Le	2,2 mH
Flux Density	B/L	25,7 N/A
Efficiency 1W/1m	SPL	90 dB
Max.In-Car Sound Pressure	SPL	154 dB

### Recommended Enclosure

Ported Box	
Vented Volume:	125 L
Port Diameter:	4 x 100 mm
Port Area:	320 cm <sup>2</sup>
Port Length:	18 cm
Tuning Freq. (Fb):	47 Hz
-3 dB Rolloff (F3):	38 Hz

SPL Box

### Recommended Enclosure

Ported Box	
Vented Volume:	90 L
Port Diameter:	2 x 100 mm
Port Area:	160 cm <sup>2</sup>
Port Length:	26 cm
Tuning Freq. (Fb):	37 Hz
-3 dB Rolloff (F3):	32 Hz

Sound Quality Box

### Mechanical Components

- Diecast Aluminium Basket
- Non-pressed Paper Cone
- Foam Surround
- Aluminium Dustcap
- Dual Nomex Spider
- Triple Magnet 3 x 100 oz (8.505 g)
- Magnet Size: Ø220 x 60 mm
- BASV Voice Coil Former

### Dimensions & Weight

External Diameter:	395 mm
Mounting Diameter:	358 mm
Mounting Depth:	260 mm
Shipping Weight:	25,4 kg

