

CX12D2

**Dual Voice Coil
Subwoofer 30 cm**

Power Handling
4.000 Watts RMS / 8.000 Watts Max.

Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	100 mm
Voice Coil Winding Height		50 mm
Max. Linear Excursion	Xmax	+/- 17,5 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 25 mm
Cone Area	Sd	510 cm ²
Moving Mass	Mms	285 g
DC Resistance	Re	2 x 2 Ohms
Resonance Frequency	Fs	36 Hz
Mechanical Q-Factor	Qms	4,93
Electrical Q-Factor	Qes	0,36
Total Q-Factor	Qts	0,34
Equivalent Air Volume	VAS	25 L
VC Inductance	Le	2,3 mH
Flux Density	B/L	26,8 N/A
Efficiency 1W/1m	SPL	87 dB
Max.In-Car Sound Pressure	SPL	151 dB

Recommended Enclosure

Ported Box	
Vented Volume:	75 L
Port Diameter:	2 x 100 mm
Port Area:	160 cm ²
Port Length:	16 cm
Tuning Freq. (Fb):	48 Hz
-3 dB Rolloff (F3):	39 Hz

SPL Box

Recommended Enclosure

Ported Box	
Vented Volume:	50 L
Port Diameter:	100 mm
Port Area:	80 cm ²
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 95 oz (8.080 g)
- Magnet Size: Ø220 x 60 mm
- BASV Voice Coil Former

Dimensions & Weight

External Diameter:	317 mm
Mounting Diameter:	284 mm
Mounting Depth:	224 mm
Shipping Weight:	23,3 kg

- Recommended to use as a Sound Quality Woofer with Deep Bass Response in Vented Boxes or as a strict SPL-Woofer at higher tuning Frequency and extreme High Output.

