

MXS12D2

**Dual Voice Coil
Subwoofer 30 cm**

Power Handling
1.500 Watts RMS / 3.000 Watts Max.

Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	100 mm
Voice Coil Winding Height		57,5 mm
Max. Linear Excursion	Xmax	+/- 23 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 30 mm
Cone Area	Sd	500 cm ²
Moving Mass	Mms	308 g
DC Resistance	Re	2 x 2 Ohms
Resonance Frequency	Fs	31 Hz
Mechanical Q-Factor	Qms	2,7
Electrical Q-Factor	Qes	0,53
Total Q-Factor	Qts	0,44
Equivalent Air Volume	VAS	30 L
VC Inductance	Le	1,62 mH
Flux Density	B/L	22 N/A
Efficiency 1W/1m	SPL	85 dB
Max.In-Car Sound Pressure	SPL	149 dB

Recommended Enclosure

Bandpass Box	
Sealed Volume:	24 L
Vented Volume:	35 L
Port Diameter:	2 x 100 mm
Port Area:	160 cm ²
Port Length:	40 cm
-3 dB Rolloff (F3):	36 Hz

Recommended Enclosure

Ported Box	
Vented Volume:	65 L
Port Diameter:	100 mm
Port Area:	80 cm ²
Port Length:	35 cm
Tuning Freq. (Fb):	29 Hz
-3 dB Rolloff (F3):	25 Hz

Sound Quality Box

Mechanical Components

- Diecast Aluminium Basket
- Kevlar-Paper Composite Cone
- Rubber Surround
- Injected PP Dustcap
- Triple 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:	318 mm
Mounting Diameter:	283 mm
Mounting Depth:	216 mm
Shipping Weight:	27,7 kg

