

# SX1240

**Single Voice Coil  
Subwoofer 30 cm**

**Power Handling  
500 Watts RMS / 1.000 Watts Max.**

## Technical Specifications

Impedance	Zn	4 Ohms
Voice Coil Diameter	Ø	50 mm
Voice Coil Winding Height		25 mm
Max. Linear Excursion	Xmax	+/- 8,5 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 16 mm
Cone Area	Sd	505 cm <sup>2</sup>
Moving Mass	Mms	142 g
DC Resistance	Re	3,2 Ohms
Resonance Frequency	Fs	28 Hz
Mechanical Q-Factor	Qms	5,3
Electrical Q-Factor	Qes	0,37
Total Q-Factor	Qts	0,35
Equivalent Air Volume	VAS	81 L
VC Inductance	Le	1,1 mH
Flux Density	B/L	14 N/A
Efficiency 1W/1m	SPL	89 dB
Max.In-Car Sound Pressure	SPL	145 dB

## Recommended Enclosure

Bandpass Box	
Sealed Volume:	24 L
Vented Volume:	32 L
Port Diameter:	2 x 100 mm
Port Area:	160 cm <sup>2</sup>
Port Length:	26 cm
-3 dB Rolloff (F3):	39 Hz

## Recommended Enclosure

Ported Box	
Vented Volume:	50 L
Port Diameter:	100 mm
Port Area:	80 cm <sup>2</sup>
Port Length:	26 cm
Tuning Freq. (Fb):	37 Hz
-3 dB Rolloff (F3):	35 Hz

## Mechanical Components

- Diecast Aluminium Basket
- Non-pressed Paper Cone
- Rubber Surround
- Injected PP Dustcap
- Single Nomex Spider
- Dual Magnet 2 x 50 oz (2.835 g)
- Magnet Size: Ø156 x 40 mm
- Aluminium Voice Coil Former

## Dimensions & Weight

External Diameter:	315 mm
Mounting Diameter:	282 mm
Mounting Depth:	140 mm
Shipping Weight:	8,2 kg

