

QE1224

Dual Voice Coil Subwoofer 30 cm

Power Handling
800 Watts RMS / 1.600 Watts Max.

Technical Specifications

Impedance	Zn	2 x 4 Ohms
Voice Coil Diameter	Ø	76 mm
Voice Coil Winding Height		34,5 mm
Max. Linear Excursion	Xmax	+/- 13,25 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 20 mm
Cone Area	Sd	510 cm ²
Moving Mass	Mms	125 g
DC Resistance	Re	2 x 3,6 Ohms
Resonance Frequency	Fs	37 Hz
Mechanical Q-Factor	Qms	3,66
Electrical Q-Factor	Qes	0,5
Total Q-Factor	Qts	0,44
Equivalent Air Volume	VAS	54 L
VC Inductance	Le	2,7 mH
Flux Density	B/L	20,5 N/A
Efficiency 1W/1m	SPL	89 dB
Max.In-Car Sound Pressure	SPL	145 dB

Recommended Enclosure

Ported Box	
Vented Volume:	55 L
Port Diameter:	100 mm
Port Area:	80 cm ²
Port Length:	22 cm
Tuning Freq. (Fb):	38 Hz
-3 dB Rolloff (F3):	35 Hz

Deep Bass

Recommended Enclosure

Ported Box	
Vented Volume:	45 L
Port Diameter:	100 mm
Port Area:	80 cm ²
Port Length:	25 cm
Tuning Freq. (Fb):	40 Hz
-3 dB Rolloff (F3):	38 Hz

Sound Quality Box

Mechanical Components

- Diecast Aluminium Basket
- Non-pressed Paper Cone
- Foam Surround
- Injected PP Dustcap
- Dual Nomex Spider
- Dual Magnet 2 x 70 oz (3.969 g)
- Magnet Size: Ø180 x 40 mm
- BASV Voice Coil Former

Dimensions & Weight

External Diameter:	323 mm
Mounting Diameter:	288 mm
Mounting Depth:	160 mm
Shipping Weight:	11,4 kg

