

FOR-X

Model No.: X-512SPL

12inch High Performance Car Subwoofer Chassis



General Data

Overall Diameters	DxH	327*245mm
RMS Power Handling	RMS	1500Watts
Max.Power Handling	MAP	3000Watts
Sentivity 2.83V/1M/1W	SPL	87dB
Normal Impedance	OHM	Dual 2 ohm & Dual 4 ohm
Frequency Response	H.Z.	22-100Hz
Net Weight	N.W.	21.05Kgs

Voice and Magnet Parameters

Voice Coil Bobbin	VCB	Black Aluminum
Voice Coil Wire	VCW	Copper
Voice Coil Diameter	VCD	Φ 76.5mm/3.01"
Coil Bobbin Hight	VBH	115mm/4.53"
Coil Winding Hight	CWH	50mm/1.97"
Magnet Material		Ferrite / Y35
Magnet Dimension	M.D	Φ 220mm*60mm
Magnet Weight	M.W.	300 Oz
Magnet Cover	M.C.	Rubber

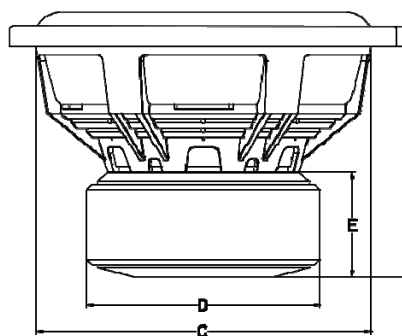
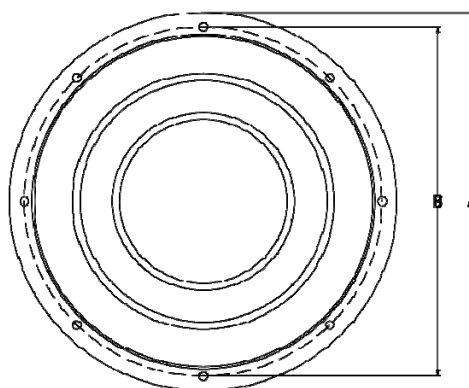
Voice and Magnet Parameters

DC Resistance	Re	2+2	3.8+3.8	ohm
Resonant Frequency	Fs	32.7	35.3	Hz
Suspension Compliance	Cms	0.08	0.06	mm/N
Mechanical Q Factor	Qms	3.69	3.31	
Electrical Q Factor	Qes	0.26	0.31	
Total Q Factor	Qts	0.25	0.28	
Moving Mass	Mms	312	314	gr
Eq.Cas Air Load (Liters)	VAS	23.6	20.2	L
Froce Factor	BI	31.3	41.6	n/A
Effective X-max	Xmax	50	50	mm

Specifications

- * Die-cast Aluminum frame
- *Non-pressed paper cone with High foam surround
- *Convex IMPP Dust-cap
- *Hi-temp 3inch-4Layers Voice Coil
- *High efficiency Optimized FEA Motor
- * Stiff Nomex spider with Flat tinsel leads
- *Chromed Vented T plate
- *Pressed Binding Post Terminal

Dimension



Overall Diameter	A	327mm
Front Mounting Diameter	B	302mm
Back Mounting Diameter	C	283mm
Motor Diameter	D	225mm
Motor Height	E	100mm
Gasket Thickness	F	19mm
Mounting Depth	G	212mm
Overall Height	H	245mm

*All information listed only for reference