

FOR-X

Model No.: X-510D4SPL

10inch High Performance Car Subwoofer Chassis



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

General Data

Overall Diameters	DxH	275*224mm
RMS Power Handling	RMS	1500Watts
Max.Power Handling	MAP	3000Watts
Sentivity 2.83V/1M/1W	SPL	85dB
Normal Impedance	OHM	Dual 4 ohm
Frequency Response	H.Z.	28-100Hz
Net Weight	N.W.	20.50Kgs

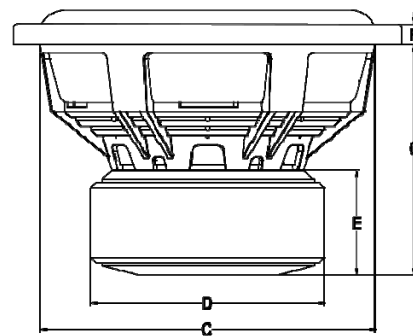
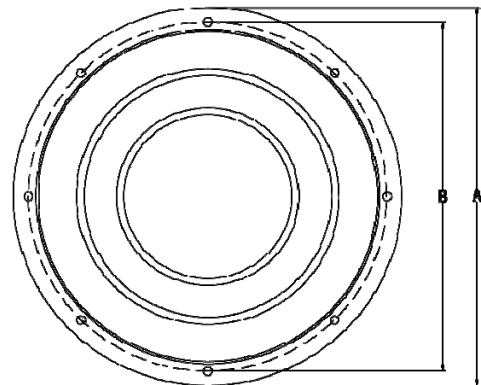
Voice and Magnet Parameters

Voice Coil Bobbin	VCB	Black Aluminum
Voice Coil Wire	VCW	Copper
Voice Coil Diameter	VCD	∅ 76.5mm/3.01"
Coil Bobbin Hight	VBH	110mm/4.33"
Coil Winding Hight	CWH	50mm/1.97"
Magnet Material		Ferrite / Y35
Magnet Dimension	M.D	∅ 220mm*60mm
Magnet Weight	M.W.	300 Oz
Magnet Cover	M.C.	Rubber

Voice and Magnet Parameters

DC Resistance	Re	3.8+3.8	ohm
Resonant Frequency	Fs	37.2	Hz
Suspension Compliance	Cms	0.07	mm/N
Mechanical Q Factor	Qms	3.23	
Electrical Q Factor	Qes	0.28	
Total Q Factor	Qts	0.26	
Moving Mass	Mms	278.9	gr
Eq.Cas Air Load (Liters)	VAS	10	L
Froce Factor	BI	42.3	n/A
Effective X-max	Xmax	44	mm

Dimension



Overall Diameter	A	275mm
Front Mounting Diameter	B	253mm
Back Mounting Diameter	C	236mm
Motor Diameter	D	225mm
Motor Height	E	100mm
Gasket Thickness	F	19mm
Mounting Depth	G	190mm
Overall Height	H	224mm

*All information listed only for reference