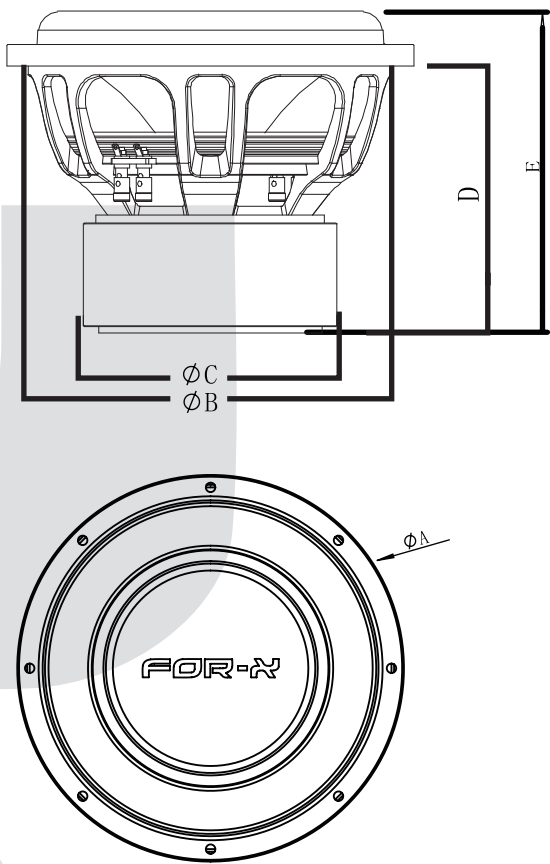


FOR-X

XW-510
XW-512
XW-515

Owner's Manual

Dimensions



MODEL	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
XW-510	285	245	190	210	265
XW-512	330	290	190	225	280
XW-515	395	358	190	257	315

Recommended vented enclosure informations

Model	Subwoofer Displacement (cu.ft)	Enclosure Volume(cu.ft) (net enclosure volume)	Port Area (sq.in)	Port Length (inch)	Tuning Frequency (Hz)
XW-510					
XW-512					
XW-515					

Specifications

General Data							
		XW-510		XW-512		XW-515	
Overall Dimensions	mm	285*265		330*280		395*315	
Nominal Power Handling	W			1500			
Transient Power 10ms	W						
Sensitivity	dB	80.5		83.6		86.3	
Frequency Response	Hz						
Cone Material				PAPER			
Net Weight	kg						
Electrical Data							
Nominal Impedance	Ohm	Dual 1	Dual 2	Dual 1	Dual 2	Dual 1	Dual 2
DC Resistance	Ohm	0.9 ± 0.9	1.8 ± 1.8	0.9 ± 0.9	1.8 ± 1.8	0.9 ± 0.9	1.8 ± 1.8
Voice Coil and Magnet Parameters							
Voice Coil Diameter	mm			76.5			
Voice Coil Height	mm			65			
HE Magnetic Gap Height	mm			16			
Max.Linear Excursion	mm			24.50			
Voice Coil bobbin				aluminum			
Voice Coil Wire				CCAR			
Number Of Layers	layers			4L			
Magnet System Type				Ferrite			
BL Product	N.A	19.3		27		23	
T-S Parameters							
Suspension Compliance	Crms	48.31		55.2		43.02	
Mechanical Q Factor	Qms	4.49		4.54		3.40	
Electrical Q Factor	Qes	0.84		0.84		0.75	
Total Q Factor	Qts	0.70		0.70		0.61	
Moving Mass	Mms	295.92		298.72		439.88	
Eq.Cas Air Load(liters)	VAS	8.23		20.77		42.56	
Resonant Frequency	Fs	35		34		33	
Effective Piston Area(CM²)	SD	346		514		834	
Connection:		Series	Parallel	Series	Parallel	Series	Parallel

