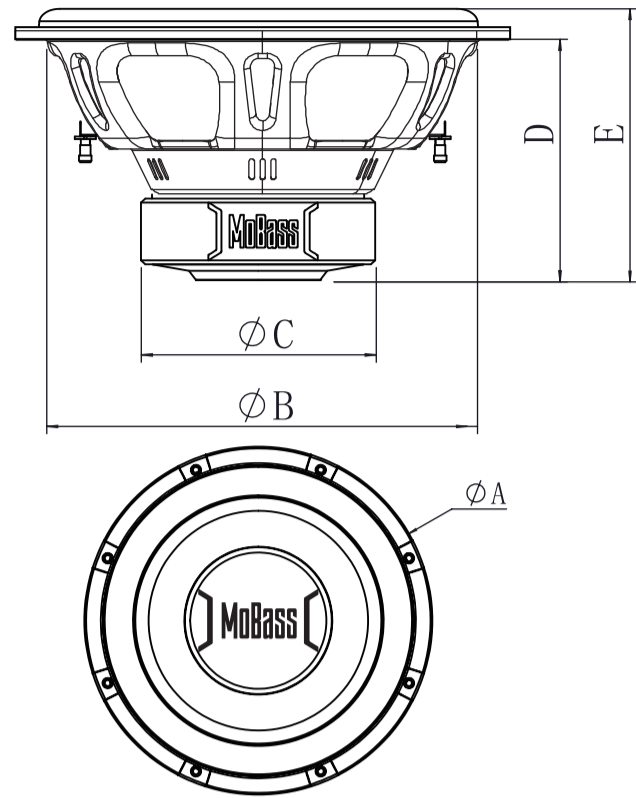




MBW-2008
MBW-2510
MBW-2512
MBW-2515

Owner's Manual

Dimensions



MODEL	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
MBW-2008	215	148	148	125	148
MBW-2510	265	178	178	160	185
MBW-2512	325	178	178	175	202
MBW-2515	390	178	178	195	220



MBW-2008
MBW-2510
MBW-2512
MBW-2515

Owner's Manual

Specifications

General Data									
		MBW-2008		MBW-2510		MBW-2512		MBW-2515	
		D2	D4	D2	D4	D2	D4	D2	D4
Overall Dimensions	mm	215*148		265*185		325*202		390*220	
Nominal Power Handling	W	400		750		1500			
Transient Power 10ms	W	800		1500					
Sensitivity	dB	81.7	82.5	83.6	82.5	85.8	85.7	88.1	88.1
Frequency Response	Hz								
Cone Material		PAPER							
Net Weight	kg	5.4		10.5		10.9		11.05	
Electrical Data									
Nominal Impedance	Ohm	Dual 2	Dual 4	Dual 2	Dual 4	Dual 2	Dual 4	Dual 2	Dual 4
DC Resistance	Ohm	Dual 3.8	Dual 6.4	Dual 3.8	Dual 6.4	Dual 3.8	Dual 6.4	Dual 3.8	Dual 6.4
Voice Coil and Magnet Parameters									
Voice Coil Diameter	mm	50.8		61.1		61.1			
Voice Coil Height	mm	68		85		95			
HE Magnetic Gap Height	mm	10		12		12			
Max. Linear Excursion	mm	10		14		14			
Voice Coil bobbin		aluminum							
Voice Coil Wire		Copper							
Number Of Layers	layers	4L							
Magnet System Type		Ferrite							
BL Product	N.A	15.0	18.8	21.5	27.9	21.1	24.6	20.4	24.1
T-S Parameters									
Suspension Compliance	Cms	94.8	90.1	63.4	61.6	70.9	70.6	69.5	68.7
Mechanical Q Factor	Qms	5.24	5.15	5.81	5.11	5.04	5.26	5.56	5.53
Electrical Q Factor	Qes	0.59	0.60	0.49	0.57	0.52	0.61	0.62	0.71
Total Q Factor	Qts	0.53	0.54	0.45	0.52	0.47	0.54	0.58	0.63
Moving Mass	Mms	116	102	232	218	265	239	322	292
Eq. Cas Air Load (liters)	VAS	5.17	4.92	10.4	9.72	25.8	25.7	68.8	68.0
Resonant Frequency	Fs	47	52	41	43	36	38	33	35
Effective Piston Area(CM ²)	SD	19.6		33.9		50		83	
Connection:		Series	Parallel	Series	Parallel	Series	Parallel	Series	Parallel

