



USER MANUAL FOR

AW-12 SQ

12 INCH SUBWOOFER

AW-12 SQ
12 Inch Subwoofer
2.5" Voice coil, Dual 2 Ω



SPECIFICATIONS

General Data		Unit	Dimensions
Overall Dimensions	319*174	mm	
Nominal Power Handling	400	W	
Transient Power 10ms	800	W	
Sensitivity	85.1	dB	
Frequency Response	30-300	Hz	
Cone Material	paper		
Net Weight	6.8	kg	
Electrical Data			
Nominal Impedance	Dual 2	Ohm	
DC Resistance	Dual 1.9	Ohm	
Voice Coil and Magnet Parameters			
Voice Coil Diameter	61.1	mm	
Voice Coil Height	32	mm	
HE Magnetic Gap Height	8	mm	
Max.Linear Excursion	12	mm	
Voice Coil bobbin	Black Aluminium		
Voice Coil Wire	Copper		
Number Of Layers	4	layers	
Magnet System Type	High Flux Ferrite		
BL Product	15.46	N.A	
T-S Parameters			
Suspension Compliance	Cms	0.24	
Mechanical Q Factor	Qms	4.62	
Electrical Q Factor	Qes	0.75	
Total Q Factor	Qts	0.64	
Moving Mass	Mms	245	
Eq.Cas Air Load(liters)	VAS	54.5	
Resonant Frequency	Fs	30	
Effective Piston Area	SD	593.9	
NOTE:TS Measurement Connection:		Series	

FOR REFERENCE ONLY

