



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	Liter	
Resonant Frequency	Fs	30	Hz	
Effective Piston Area	SD	593.9	cm ²	

NOTE:TS Measurement Connection: Series

FOR REFERENCE ONLY

