



## USER MANUAL FOR

# AW-10 SQ

## 10 INCH SUBWOOFER

**AW-10 SQ**  
**10 Inch Subwoofer**  
**2.5" Voice coil, Dual 2 Ω**



### SPECIFICATIONS

General Data		Unit	Dimensions
Overall Dimensions	268*160	mm	
Nominal Power Handling	400	W	
Transient Power 10ms	800	W	
Sensitivity	84.5	dB	
Frequency Response	33-300	Hz	
Cone Material	paper		
Net Weight	6.5	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	14.09	N.A	
T-S Parameters			
Suspension Compliance	Cms	0.16	
Mechanical Q Factor	Qms	4.72	
Electrical Q Factor	Qes	0.64	
Total Q Factor	Qts	0.56	
Moving Mass	Mms	161.3	
Eq.Cas Air Load( liters)	VAS	31.9	Liter
Resonant Frequency	Fs	33	Hz
Effective Piston Area	SD	397.6	cm <sup>2</sup>

NOTE:TS Measurement Connection: Series

**FOR REFERENCE ONLY**

