

Model: SX-AH12.D2

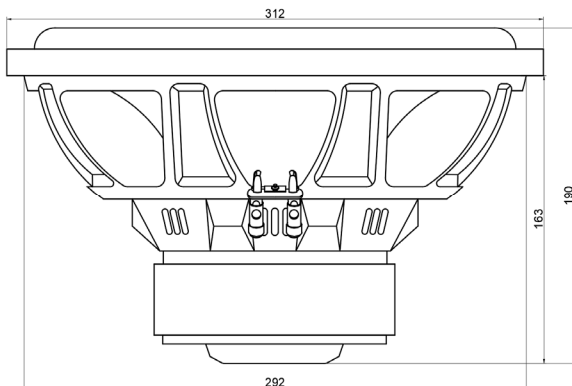
30 CM Subwoofer Speaker

SOUNDMAX®

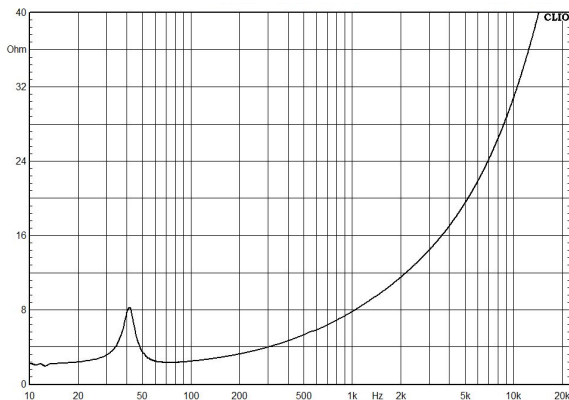
SPECIFICATIONS

General Data		Unit	FEATURES
Overall Dimensions	312*190	mm	
Nominal Power Handling	600	W	
Maximum Power	2000	W	
Sensitivity	90	dB	
Frequency Response	35-1500	Hz	
Cone Material	Pressed Paper Cone		* Steel Basket
Basket	Steel		
Net Weight	5,6	kg	
Electrical Data			* Pressed Paper Cone With Rubber Surround
Nominal Impedance	2/4	Ohm	
DC Resistance	2/4	Ohm	
Voice Coil and Magnet Parameters			* High Temperature 2” Voice Coil
Voice Coil Diameter	63,5	mm	
Voice Coil Height	35	mm	
Magnetic Gap Height	8	mm	* Ferrite Magnet Structre
Voice Coil Robbin	BASV		
Number of Layers	4		
Magnet system type	high flux ferrite		
T-S Parameters			
Suspension Compliance	0,0599	Cms	
Mechanical Q Factor	6,89	Qms	
Electrical Q Factor	2,22	Qes	
Total Q Factor	1,68	Qts	
Moving Mass	242,5955	Mms	
Eq.Cas AIR Loaded	18,5921	Vas	
Resonant Frequency	41,75	Fs	
Effective Piston Area	4,71E+02	SD	

Dimensions



Technical drawing of the subwoofer showing dimensions: 312mm width, 190mm height, 163mm depth, and 292mm base width.



Graph showing the impedance (Z) of the subwoofer across a frequency range from 10 Hz to 20 kHz. The y-axis represents impedance in Ohms (0 to 40), and the x-axis represents frequency in Hz on a logarithmic scale. The curve shows a sharp peak at the resonant frequency of approximately 41.75 Hz, followed by a gradual rise in impedance at higher frequencies.