

Loudspeaker System WVL 12639 SON

Principle	Three ways in FC-HRP technology (Field Coil current controlled woofer with passive radiator according to the Helmholtz Resonator Principle) and Jet tweeter with excellent impulse behavior due to best mass-surface ratio.	
System	Modular	Asymmetrical resonance decoupled tweeter. Adjustable by magnetic closure.
	Material	High-density fibreboard (acoustically inert) with double-sided PMMA coating and PMMA with high internal damping.
Dimensions (W x H x D)	Low/mid frequency module: 404 x 700 x 300 mm High frequency module: 404 x 170 x 60 mm	
Weight	42 kg	
Frequency response	25 Hz - 25,000 Hz \pm 3 dB (high efficiency, therefore already excellent to operate with low amplifier power).	
Power rating	150 Watts limiting continuous power 1500 Watt peak power handling (10 ms)	
Impedance	8 Ohms	
Efficiency	94 dB / 1 W / 1m	
High frequency module	Tweeter	Magnetostatic dipole surface radiator with tunable base width and adjustable time alignment.
Low/mid frequency module	Front	Effective membrane area of 530 cm ² . Torsion stiff but extremely light paper silk cone with underhung voice coil made of edge wound copper coated aluminium flat wire. Current-controlled magnetic field.
	Rear	High-strength aluminum passive radiator matched to active driver. No flow noise or artifacts.
Network	Separate high-frequency and low/mid frequency section, pure copper air inductors and high-speed low loss film capacitors.	
Terminals	WBT NextGen PlasmaProtect pure copper terminals for bi-wiring or bi-amping. Two bridges are required for two-pole loudspeaker cables.	
Finish	Enclosure	Optionally high-gloss white and black. Veneer on request. High-frequency panel transparent polished.



Illustration shows model in wood

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