

### Loudspeaker System WVL 12439 STAGE II

<b>Principle</b>	2-way plus passive radiator according to the Helmholtz Resonator Principle and Jet tweeter with excellent impulse behavior and defined distribution.	
<b>System</b>	Modular	Asymmetrical resonance decoupled tweeter. Adjustable by magnetic closure.
	Material	High-density fibreboard (acoustically inert) with double-sided PMMA or real wood coating, PMMA with high internal damping.
<b>Dimensions (W x H x D)</b>	Low/mid frequency module: 404 x 700 x 300 mm	
	High frequency module: 404 x 170 x 60 mm	
<b>Weight</b>	32 kg	
<b>Frequency response</b>	35 Hz - 25,000 Hz $\pm$ 3 dB (high efficiency, therefore already excellent to operate with low amplifier power).	
<b>Power rating</b>	250 Watts limiting continuous power 1500 Watt peak power handling (10 ms)	
<b>Impedance</b>	8 Ohms	
<b>Efficiency</b>	94 dB / 1 W / 1m	
<b>High frequency module</b>	Tweeter	Magnetostatic dipole surface radiator with tunable base width and adjustable time alignment.
<b>Low/mid frequency module</b>	Front	Effective membrane area of 530 cm <sup>2</sup> . Torsion stiff but extremely light paper silk cone with treated double roll suspension. Ventilated magnet gap and impedance control rings.
	Rear	Flat passive cone matched to active bass-midrange drive unit. No flow noise or artifacts.
<b>Network</b>	Separate high-frequency and low/mid frequency section, pure copper air inductors and high-speed low loss film capacitors.	
<b>Terminals</b>	WBT NextGen PlasmaProtect pure copper terminals for bi-wiring or bi-amping. Two bridges are required for two-pole loudspeaker cables.	
<b>Finish</b>	Enclosure	High-gloss black. Black cloth grille. Veneer on request. High-frequency panel transparent polished.



Illustration shows model in glossy black

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