

		WVL 12639 SON	WVL 12739 ULTIMA
Cabinet & Materials	Low-emission specialty woods with amorphous tops or real wood backs. Soundpost or "soul of our sound enclosures" with exact placement and connection of front and rear panel according to defined strength for the formation of interference.	X	X
Construction	Airtight construction, without openings that radiate secondary sound components, diametrically arranged foam passive membrane.	X	X
Design	Enclosure with functionality and a unique formal language that harmoniously combines design and technology.	X	X
Driver	Made in Germany	X	X
Diaphragm	Air-dried paper silk fiber diaphragm with textile edge clamping for minimal mechanical losses.	X	X
Voice Coil	Extremely lightweight, copper-plated edge-wound aluminum wire coil on a multi-layer paper core for optimum transient response and decay.	X	X
Magnet	Unique suspended electromagnet design for efficiency, true drive linearity and unsurpassed resolution. Saturation and shorting rings are intentionally omitted to achieve significant improvements in control and dynamics.	X	X
Special features	Enormously deep air gap with exceptionally uniform field. Wide ventilation channel to prevent any compression. Pure iron for the best parallel alignment of the Weiss zones or electron spins in the electromagnet.		X
Supply	Constant voltage and constant current sources with very high linearity ensure natural, relaxed sound with a very high level of detail and perfect tonal balance.	X	X
Special features	Non-magnetic, low-inductance components and special high-speed, ultra-low-distortion circuitry, powered by ultra-low-noise green LEDs, ensure a clean and coherent sound experience with a completely black background. Additional high-current capacitors per system offer extremely low ESR / ESL thanks to a patented internal connection technology and deliver extreme impulse currents for absolutely authentic bass reproduction.		X
Tweeter	Fastest impulse processing and controlled bi-directional dispersion enable incredible detail resolution with almost unbelievable dynamics. The goal of approaching the theoretical ideal in the time domain is made easy by the adjustability of the relative position.	X	X
Crossover	The crossover is designed to provide excellent integration between the woofer and tweeter. With only a few high quality components in the signal path, we have fine-tuned the system for maximum audibility and impulse fidelity.	X	X
Special features	The Duelund CAST CU capacitors used, based on the Duelund Virtual Stack Foil design, are the highest quality capacitors on the market, using a dielectric that requires several days of impregnation under high pressure. This results in incredibly good damping properties and very high mechanical stability.		X