

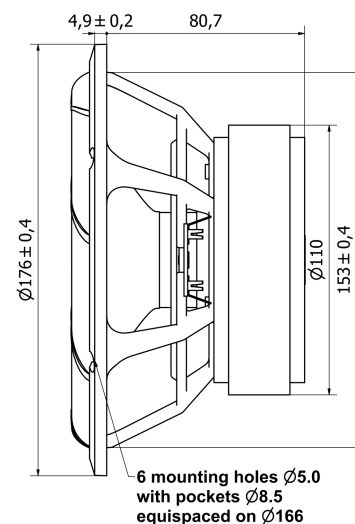
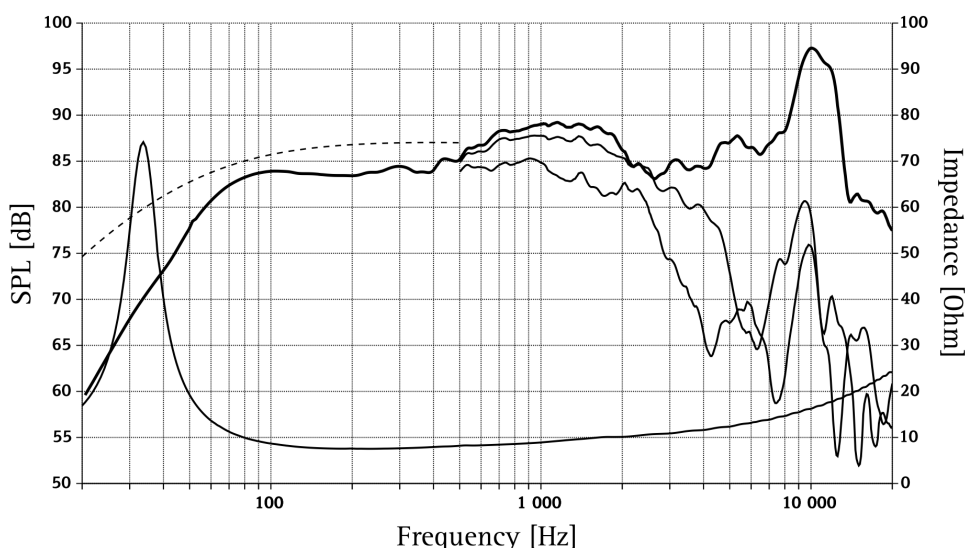
Ultra-high-performance woofer, featuring a customised Composite Sound Meta-modal™ TPCD diaphragm. This advanced material is engineered to a perfect balance of low weight, high stiffness, and controlled damping, ensuring unparalleled sound quality.

The magnet system is FEA optimised with precisely fitted copper parts for outstanding linearity, high power handling and minimal distortion.

The use of titanium voice coil former enhances force transfer and enables low mechanical damping, resulting in remarkably clean, transient sound reproduction that reveals the intricate micro-details the music.

The extremely stiff and stable injection moulded metal basket keeps the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonance to a minimum.

This combination results in improved clarity and finely detailed sound reproduction, for a more lifelike and realistic listening experience.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees angle using a 12L closed box. Input 2.83 VRMS, microphone distance 0.5m, normalized to SPL 1m. The dotted line is a calculated response in infinite baffle based on the parameters given for this specific driver. The impedance is measured in free air without baffle using a 2V

Nominal Impedance	8 Ohms	Voice Coil Resistance	6.0 Ohms
Recommended Frequency Range	20 - 6000 Hz	Voice Coil Inductance	0.38 mH
Short Term Power Handling *	340 W	Force Factor	7.9 N/A
Long Term Power Handling *	200 W	Free Air Resonance	33 Hz
Characteristic Sensitivity (2,83V, 1m)	86 dB	Moving Mass	21.1 g
Voice Coil Diameter	39 mm	Suspension Compliance	1.06 mm/N
Voice Coil Height	20 mm	Suspension Mechanical Resistance	0.91 Ns/m
Air Gap Height	6 mm	Effective Piston Area	146 cm <sup>2</sup>
Linear Coil Travel (p-p)	14 mm	VAS	33 Litres
Maximum Coil Travel (p-p)	26 mm	QMS	4.81
Magnetic Gap Flux Density	1.3 T	QES	0.42
Total Weight	1.4 kg	QTS	0.39