

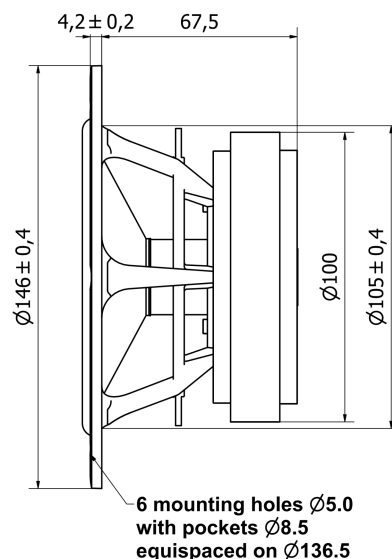
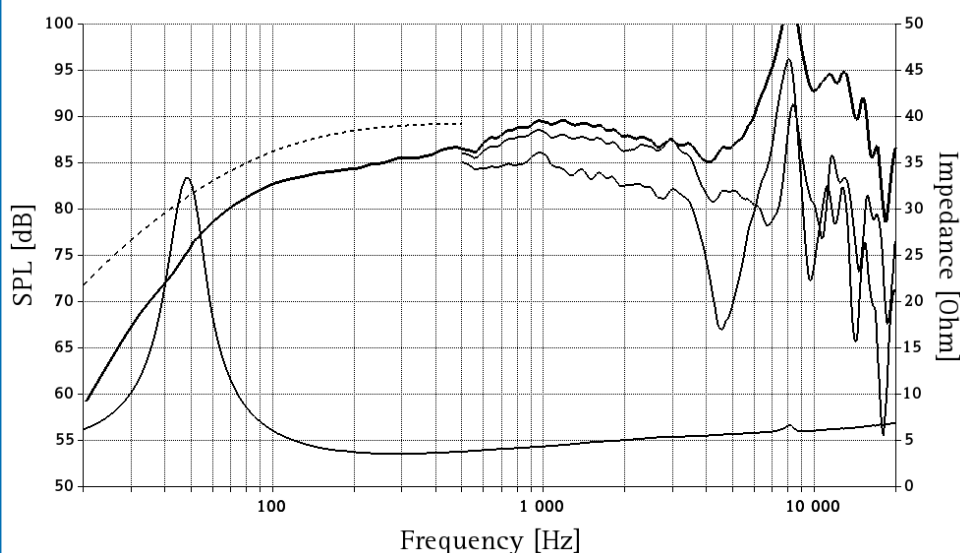
ML15RCY/TP is a precision-engineered pure midrange driver featuring an anodized aluminium cone. This driver is intended to be used in a closed box in multi-way speakers.

The cone is designed to push the break-up frequency up high, maintaining piston motion within the passband for an exceptionally clean and natural sound.

The FEA-optimized magnet system includes a precisely fitted copper sleeve, providing excellent linearity, high power handling, and minimized distortion. A titanium voice coil former with a short copper winding enhances force transfer, resulting in low mechanical damping and remarkably clean transient response, conveying even the finest musical nuances to the listener.

The inverted rubber surround minimises diffraction for a smooth frequency response without resonances and uncoloured sound.

The robust, open-frame basket keeps components critically aligned and optimizes airflow, supporting the driver's overall acoustic performance.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees angle using a 10L 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	4 Ohms	Voice Coil Resistance	3.0 Ohms
Recommended Frequency Range	100 - 5000 Hz	Voice Coil Inductance	0.24 mH
Short Term Power Handling *	200 W	Force Factor	4.8 N/A
Long Term Power Handling *	100 W	Free Air Resonance	48 Hz
Characteristic Sensitivity (2,83V, 1m)	90 dB	Moving Mass	8.6 g
Voice Coil Diameter	25 mm	Suspension Compliance	1.25 mm/N
Voice Coil Height	9.4 mm	Suspension Mechanical Resistance	0.74 Ns/m
Air Gap Height	6 mm	Effective Piston Area	75 cm <sup>2</sup>
Linear Coil Travel (p-p)	6.8 mm	VAS	10 Litres
Maximum Coil Travel (p-p)	20 mm	QMS	3.53
Magnetic Gap Flux Density	1.3 T	QES	0.35
Total Weight	1.4 kg	QTS	0.32