

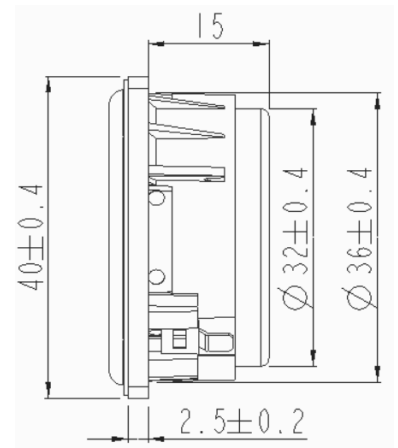
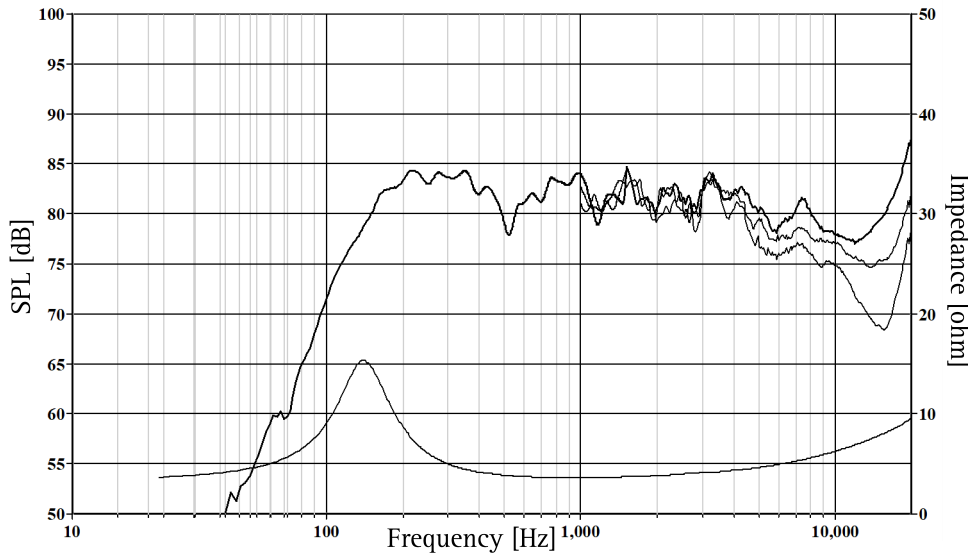
The FL4RCN/F is a fullrange driver offering an extraordinary performance and sound clarity.

An aluminum cone with excellent internal damping together with a perfectly matching surround gives a smooth and extended frequency response.

The rubber surround offers an outstanding stiffness linearity while keeping the coil well aligned in the magnetic gap even at maximum displacements. A low viscosity magnetic fluid gives extra-stability to the coil increasing the speaker's power handling. The stiff and stable plastic chassis keeps the critical components in perfect alignment.

Featuring a powerful and compact neodymium magnet, the FEA optimised magnet system delivers an exceptional linearity and low distortion.

Small size combined with an excellent performance makes this driver the perfect choice for any application where limited space is a critical parameter.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees angle using a IEC baffle. Input 2.83 VRMS, microphone distance 1m. The impedance is measured in free air without baffle using a 2V sine signal.

Nominal Impedance	4 Ohms	Voice Coil Resistance	3.64 Ohms
Recommended Frequency Range	200 - 20000 Hz	Voice Coil Inductance	0.09 mH
Short Term Power Handling *	4 W	Force Factor	2.8 N/A
Long Term Power Handling *	3 W	Free Air Resonance	140 Hz
Characteristic Sensitivity (2,83V, 1m)	84.1 dB	Moving Mass	1.21 g
Voice Coil Diameter	26 mm	Suspension Compliance	1.07 mm/N
Voice Coil Height	9 mm	Suspension Mechanical Resistance	0.68 Ns/m
Air Gap Height	2 mm	Effective Piston Area	9.08 cm ²
Linear Coil Travel (p-p)	5.4 mm	VAS	0.13 Litres
Maximum Coil Travel (p-p)	6.3 mm	QMS	1.56
Magnetic Gap Flux Density	0.693 T	QES	0.48
Magnet Weight	0.021 kg	QTS	0.37
Total Weight	0.060 kg		