

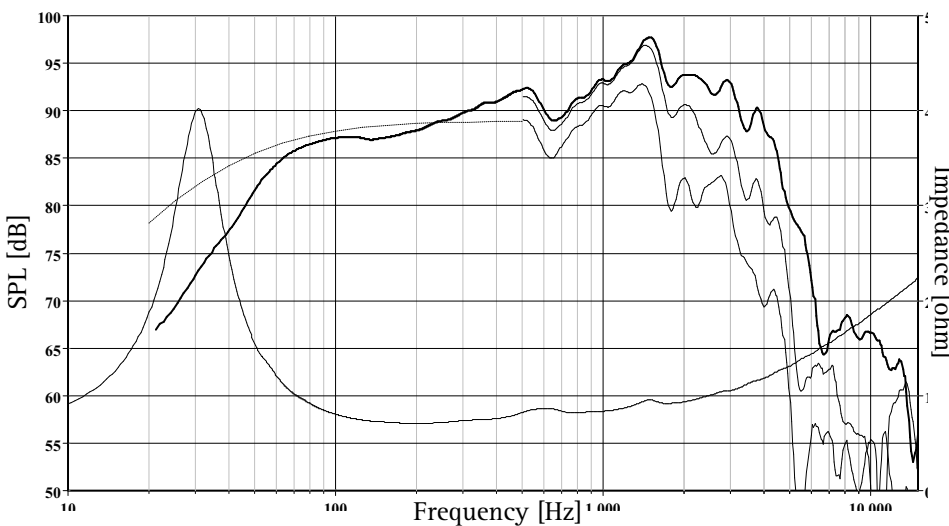
A paper cone with a unique Nextel coating ensures smooth frequency response and low distortion.

2" diameter high temperature voice coil with black anodized coil former for high power handling and reduced power compression.

Heavy copper rings mounted above and below the T-shaped pole piece reduce non linear and modulation distortion and increase overload margin.

A chrome plated brass phase plug reduces compression due to temperature variations in the voice coil, increases long term power handling capacity and eliminates resonances in the cavity inside the voice coil former.

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



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees angle using a 28l 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 sine signal.

Nominal Impedance	8 Ohms	Voice Coil Resistance	6.2 Ohms
Recommended Frequency Range	30 - 1000 Hz	Voice Coil Inductance	0.81 mH
Short Term Power Handling *	300 W	Force Factor	10.9 N/A
Long Term Power Handling *	100 W	Free Air Resonance	31 Hz
Characteristic Sensitivity (2,83V, 1m)	89.0 dB	Moving Mass	42.4 g
Voice Coil Diameter	51 mm	Air Load Mass In IEC Baffle	3.48 g
Voice Coil Height	20 mm	Suspension Compliance	0.6 mm/N
Air Gap Height	6 mm	Suspension Mechanical Resistance	3.52 Ns/m
Linear Coil Travel (p-p)	14 mm	Effective Piston Area	330 cm ²
Maximum Coil Travel (p-p)	35 mm	VAS	87 Litres
Magnetic Gap Flux Density	1.23 T	QMS	2.55
Magnet Weight	1.3 kg	QES	0.47
Total Weight	4.5 kg	QTS	0.39