

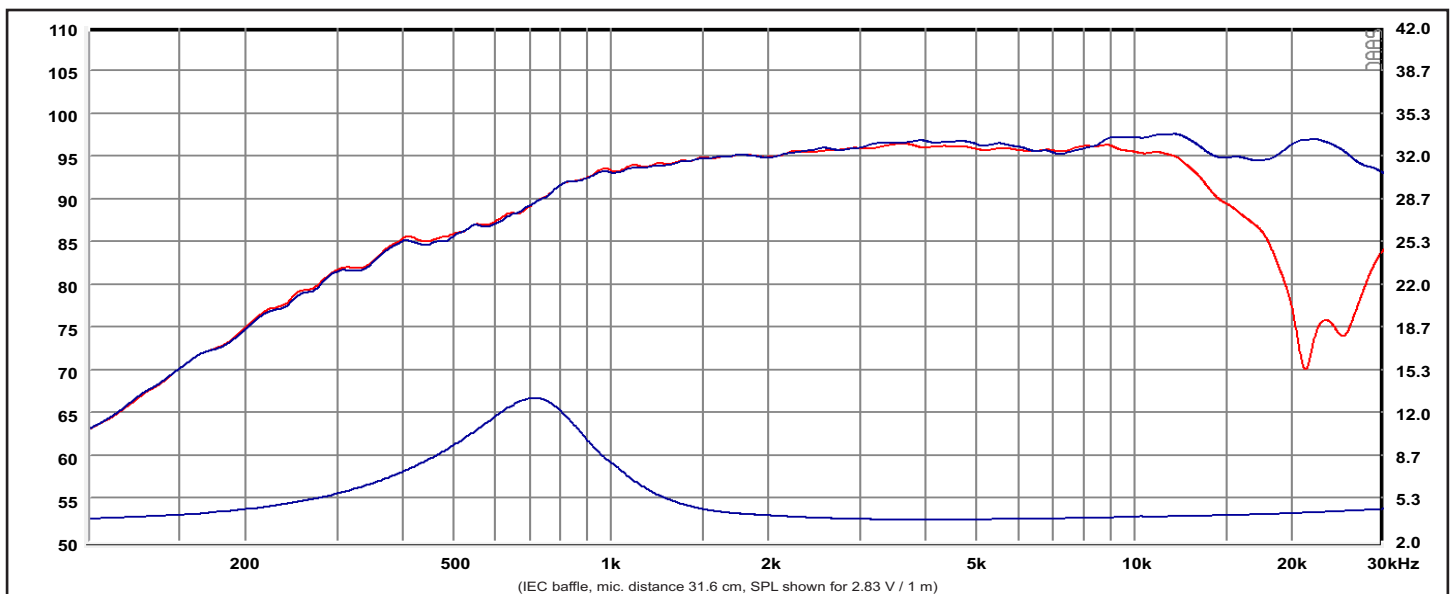
FEATURES

- Non-resonant diaphragm design for minimum high frequency break-up
- Two part aluminum faceplate with integrated mechanical decoupling
- Dual balanced compression chambers for improved dynamics
- Dual copper caps for absolute minimum voice coil inductance and minimum phase shift
- High saturation neodymium motor system with T-shaped pole piece for lower distortion
- Non-reflective cast aluminum chamber with optimized damping for improved dynamics
- Shallow flow optimized magnet structure for optimum coupling to rear chamber
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency for extended range

Specs :

Nominal Impedance	4 Ω	Free air resonance, Fs	700 Hz
DC resistance, Re	3.0 Ω	Sensitivity (2.83 V / 1 m)	96 dB
Voice coil inductance, Le	0.02 mH	Mechanical Q-factor, Qms	2.1
Effective piston area, Sd	9.6 cm ²	Electrical Q-factor, Qes	0.65
Voice coil diameter	29 mm	Total Q-factor, Qts	0.49
Voice coil height	2.0 mm	Force factor, Bl	3.1 Tm
Air gap height	2.5 mm	Rated power handling*	80 W
Linear coil travel (p-p)	0.5 mm	Magnetic flux density	1.5 T
Moving mass incl. air, Mms	0.44 g	Magnet weight	0.10 kg
		Net weight	0.4 kg

* IEC 268-5, high-pass Butterworth, 2600 Hz, 12 dB/oct.



Response Curve :

— (Blue) : on axis — (Red) : 30 off-axis