

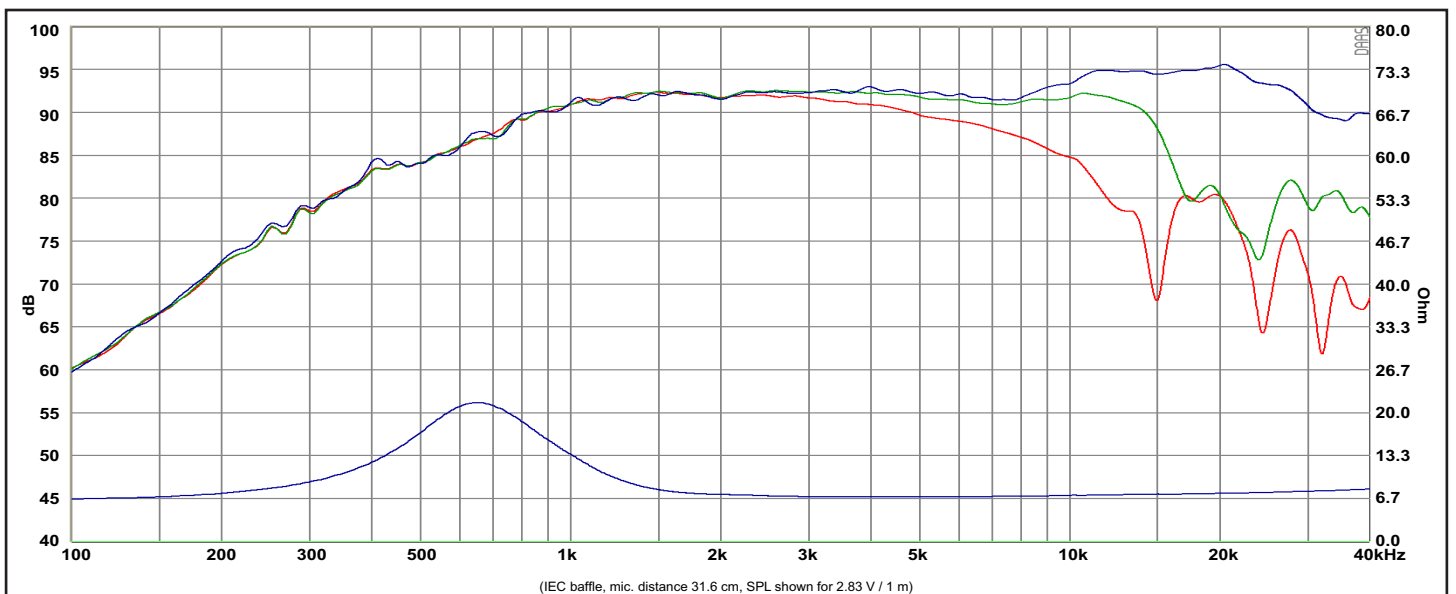
FEATURES

- 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	8 Ω	Free air resonance, F_s	650 Hz
DC resistance, R_e	6.2 Ω	Sensitivity (2.83 V / 1 m)	93 dB
Voice coil inductance, L_e	0.04 mH	Mechanical Q-factor, Q_{ms}	1.74
Effective piston area, S_d	9.6 cm ²	Electrical Q-factor, Q_{es}	0.66
Voice coil diameter	29 mm	Total Q-factor, Q_{ts}	0.48
Voice coil height	2.1 mm	Force factor, Bl	4.1 Tm
Air gap height	2.5 mm	Rated power handling*	80 W
Linear coil travel (p-p)	0.4 mm	Magnetic flux density	1.5 T
Moving mass incl. air, M_{ms}	0.42 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 - - - (Green) : 30° off-axis - - - (Red) : 60° off-axis

REV.1 (26.06.2019)