



973

Nominal Diameter	5 " / 13 cm
Rated Impedance	8
Sensitivity	89 dB SPL
Power Handling Capacity	120 W AES
SPL max (continuous)	106 dB SPL
Usable frequency range	60 - 3000 Hz
Speaker net mass	2.08 kg

5" low-mid driver / 0.5" coaxial



Architecture highlights :

- Noiseless natural convection Intercooling System
- Ferrite magnet system with symmetric BL(x) and Le(x)
- Long excursion suspension with linear behavior for large signal
- Lightweight basket
- Ready for coaxial mounting with 0.5" compression driver (2x M4 holes on Ø 53.0 mm)

Motor architecture

Magnet material	-	Fe
Voice coil diameter	mm	38
Voice coil length	mm	16
Air gap height	mm	6

Typical characteristics

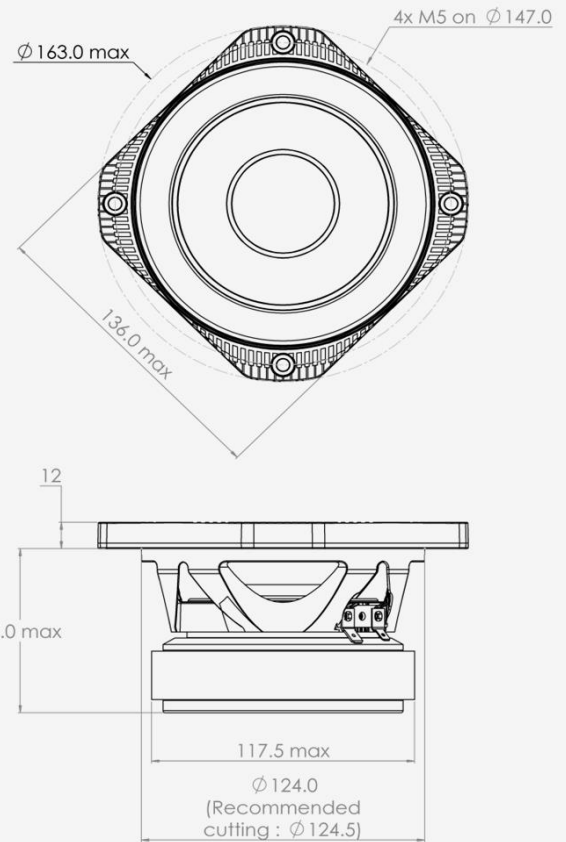
Rated impedance	Z	Ω	8
Half space sensitivity (1W@1m)	-	dB SPL	89.0
Usable freq. range	-	Hz	60 - 3000
Power handling capacity (AES)	-	W	120
Max Sound Pressure Level	SPL _{max}	dB SPL	106
Min. impedance modulus	Z _{min}	Ω@Hz	6.2@550
Voice-coil inductance @ 1kHz	Le _{1k}	mH	0.346
Voice-coil inductance @ 10kHz	Le _{10k}	mH	0.212
BL product	BL	N/A	7.6
Moving mass	M _{ms}	kg	0.0107

Thiele-Small parameters

Resonance frequency	Fs	Hz	67 (±10)
DC Resistance	Re	Ω	5.7 (±0.6)
Mechanical quality factor	Q _{ms}	1	3.75
Electrical quality factor	Q _{es}	1	0.44
Total quality factor	Q _{ts}	1	0.40
Suspension compliance	C _{ms}	10 ⁻⁶ .m/N	530
Effective piston area	S _d	m ²	0.0092
Equivalent Cas air load	V _{as}	m ³	0.0063
Max linear excursion	X _{max}	mm	± 6.5
Linear displacement volume	V _d	10 ⁻³ .m ³	0.0595
Reference efficiency	η ₀	%	0.4
Unity load volume	V _{as} .Q _{ts} ²	10 ⁻³ .m ³	1.0

Absolute maximum ratings

Short term max. input voltage	V _{max}	V	60
Max.excursion before damage	X _{dam}	mm	± 12.0
Ambient operating temperature	T _a	°C	-10 to +50
Storage temperature		°C	-20 to +70
Environmental withstanding			Tropical



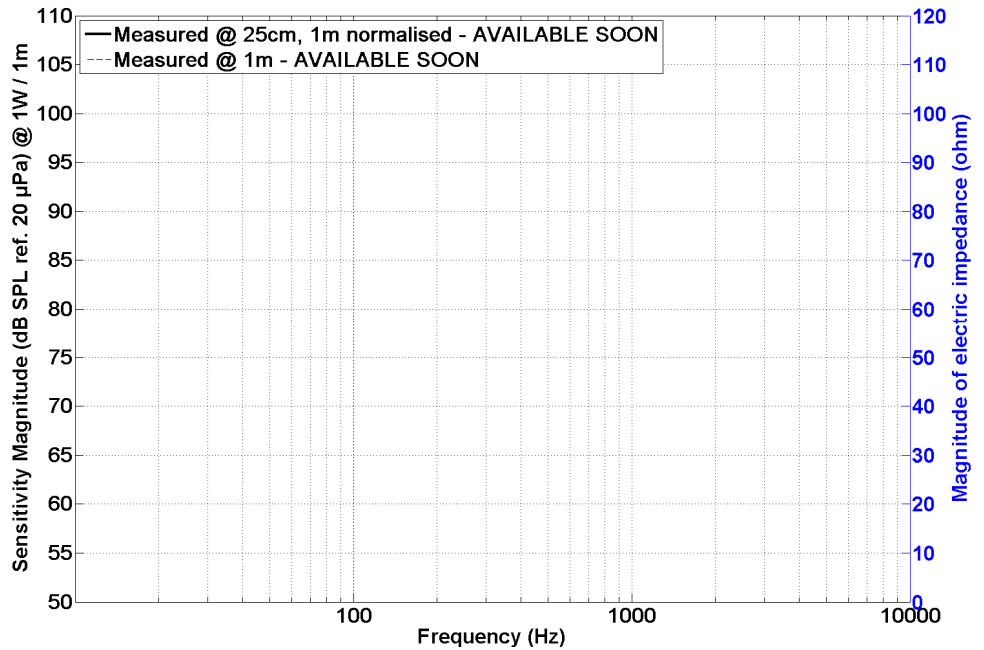
Mounting information

Air volume occupied by the driver	10 ⁻³ .m ³	0.38
Speaker net mass	kg	2.08
Baffle cut-out diameter (front mounting)	mm	124.5
Bolt number & Metric diameter	-	4x M5
Bolt circle diameter	mm	147.0
Max overall dimension (on ears)	mm	163.0
Max overall dimension (out of ears)	mm	136.0
Flange height	mm	12.0
Max magnet diameter	mm	117.5
Max depth (front mounting)	mm	75.0
Recommended reflex box	Lts / Hz	-
Electrical connection		6.35x0.8 + 4.8x0.5 FASTON



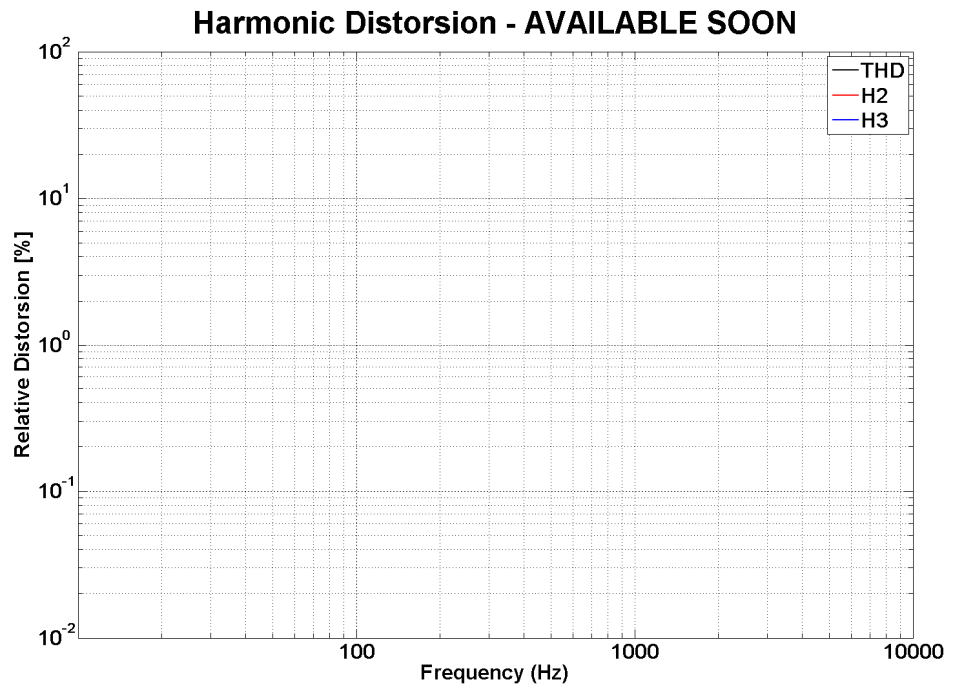
SPL curves measured on CEI standard baffle :

- . at 25 cm, normalised 1 m
- . at 1 m for reference
- . Graph amplitude = 60 dB (PHL Audio standard)



HD curve measured on CEI standard baffle :

- . at 1 meter
- . at power = $P_{AES} / 4$
- . Graph amplitude 0.01 % to 100 % (PHL Audio standard for $P_{AES}/4$)



Non linear curves measured thanks to Klippel software and hardware, in free air

