

Nominal Diameter	20 cm / 8 "
Rated Impedance	8
Reference efficiency (1W @ 1m)	93 dB SPL
Power Handling Capacity	200 W AES
SPL max (continuous)	112 dB SPL
Usable frequency range	70 - 3000 Hz
Speaker net mass	3.02 kg

Architecture highlights :

- Natural convection Intercooler System
- High compliance double half-roll Fabric Surround



Motor architecture			
Voice coil diameter	mm		51
Voice coil length	mm		13
Air gap height	mm		8

Typical characteristics			
Rated impedance	Z	Ω	8
Half space sensitivity (1W@1m)	-	dB SPL	93.0
Usable freq. range	-	Hz	70 - 3000
Power handling capacity (AES)	-	W	200
Max Sound Pressure Level	SPL _{max}	dB SPL	112
Min. impedance modulus	Z _{min}	Ω @Hz	5.6@370
Voice-coil inductance @ 1kHz	Le _{1k}	mH	0.896
Voice-coil inductance @ 10kHz	Le _{10k}	mH	0.405
BL product	BL	N/A	12.9
Moving mass	Mms	kg	0.025

Thiele-Small parameters			
Resonance frequency	Fs	Hz	72 (± 10)
DC Resistance	Re	Ω	5.4 (± 0.5)
Mechanical quality factor	Qms		3.77
Electrical quality factor	Qes		0.37
Total quality factor	Qts		0.33
Suspension compliance	Cms	10^{-6} .m/N	200
Effective piston area	Sd	m ²	0.0219
Equivalent Cas air load	Vas	m ³	0.0131
Max linear excursion	Xmax	mm	± 4.5
Linear displacement volume	Vd	10^{-3} .m ³	0.0986
Reference efficiency	η_0	%	1.3
Unity load volume	Vas.Qts ²	10^{-3} .m ³	1.5

Absolute maximum ratings			
Short term max. input voltage	Vmax	V	80
Max.excursion before damage	Xdam	mm	10.0
Ambient operating temperature	Ta	$^{\circ}$ C	-10 to +50
Storage temperature		$^{\circ}$ C	-20 to +70
Environmental withstanding			humidityproof

Mounting information			
Air volume occupied by the driver	10^{-3} .m ³		0.72
Speaker net mass	kg		3.02
Baffle cut-out diameter (front mounting)	mm		185.0
Bolt number & Metric diameter	-		4x M5
Bolt circle diameter	mm		217.0
Max overall dimension (on ears)	mm		234.0
Max overall dimension (out of ears)	mm		205.0
Flange height	mm		9.5
Max magnet diameter	mm		158.0
Max depth (front mounting)	mm		90.0
Recommended reflex box	Lts / Hz		15L / 70Hz
Electrical connection			\varnothing 4 mm Push buttons

