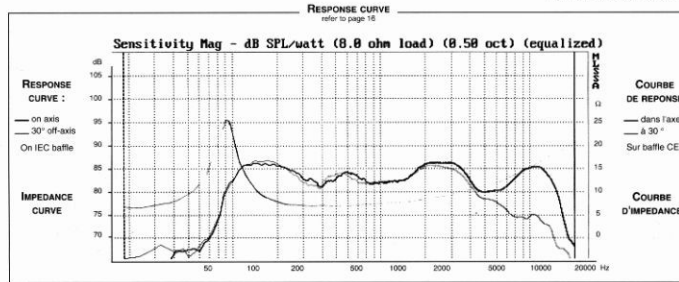


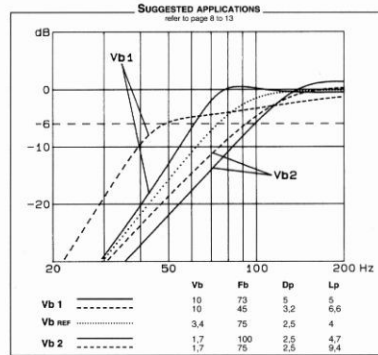
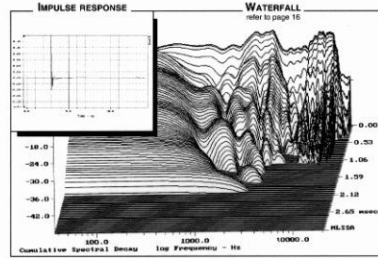
AUDAX
LA PASSION DU HAUT-PARLEUR

HT100M0
BASS MIDRANGE



SPECIFICATIONS				
Technical Characteristics	Symbol	Value	Units	
PRIMARY APPLICATION				
Nominal Impedance	Z	8	Ω	
Resonance Frequency	Fs	60	Hz	
Nominal Power Handling	P	30	W	
Sensitivity	E	88	dB	
VOICE COIL				
Voice coil diameter	Ø	25	mm	
Minimum Impedance	Zmin	7	Ω	
DC Resistance	Re	5.6	Ω	
Voice Coil Inductance	Lbm	0.27	µH	
Voice coil Length	h	10	mm	
Former		Aluminium		
Number of layers	n	2		
MAGNET				
Magnet dimensions	Ø x h	72x15	mm	
Magnet weight	m	0.24	kg	
Flux density	B	1	T	
Force factor	BL	4.6	NA ⁻¹	
Height of magnetic gap	Hg	4	mm	
Stray flux	Fmag	-	Am ²	
Linear excursion	Xmax	±3	mm	
PARAMETERS				
Suspension Compliance	Cms	1.65.10 ⁻⁴	mN ⁻¹	
Mechanical Q Factor	Qms	1.67	-	
Electrical Q Factor	Qes	0.43	-	
Total Q Factor	Qts	0.34	-	
Mechanical Resistance	Rms	0.98	kg s ⁻¹	
Moving Mass	Mms	4.5.10 ⁻⁴	kg	
Effective Piston Area	S	0.51.10 ⁻⁴	m ²	
Volume Equivalent of Air at Cas	Vas	6.10 ⁻⁴	m ³	
Mass of speaker	M	0.59	kg	

APPLICATION PARAMETERS			
Vb	Box volume	dm ³	
Fb	Tuning frequency	Hz	
Dp	Port diameter	cm	
Lp	Port length	cm	



Please refer to method of measurement and measurement conditions pages 15 to 19.
Audax may, without prior notification modify the specifications on its products further to research and development requirements.