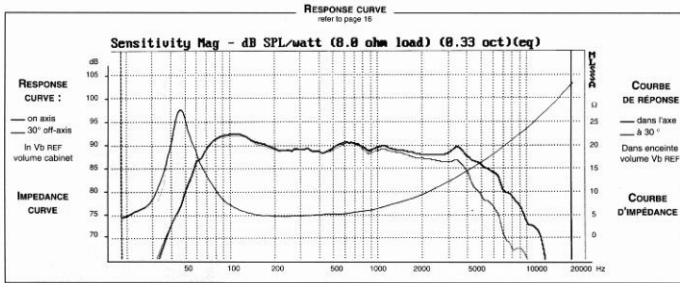


**AUDAX** HT170G8  
LA PASSION DU HAUT-PARLEUR BASS MIDRANGE



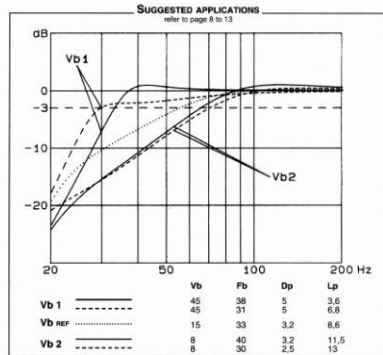
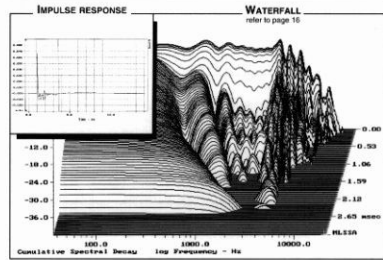
**SPECIFICATIONS**

Technical Characteristics	Symbol	Value	Units
<b>PRIMARY APPLICATION</b>			
Nominal Impedance	Z	2 x 8	Ω
Resonance Frequency	Fs	45	Hz
Nominal Power Handling	P	50	W
Sensitivity	E	90	dB
<b>VOICE COIL</b>			
Voice coil diameter	Ø	30	mm
Minimum Impedance	Zmin	3.5	Ω
DC Resistance	Re	3.5	Ω
Voice Coil Inductance	Lbm	0.49	mH
Voice coil Length	h	12	mm
Former	-	Aluminium	-
Number of layers	n	2 x 2	-
<b>MAGNET</b>			
Magnet dimensions	Ø x h	84 x 15	mm
Magnet weight	m	0.31	kg
Flux density	B	1	T
Force factor	BL	5.5	NA <sup>-1</sup>
Height of magnetic gap	He	5	mm
Stray flux	Fmag	-	Am <sup>-1</sup>
Linear excursion	Xmax	±3.5	mm
<b>PARAMETERS</b>			
Suspension Compliance	Cms	0.76.10 <sup>-3</sup>	mN <sup>-1</sup>
Mechanical Q Factor	Qms	4.93	-
Electrical Q Factor	Qes	0.55	-
Total Q Factor	Qts	0.49	-
Mechanical Resistance	Rms	1.1	kg s <sup>-1</sup>
Moving Mass	Mms	17.4.10 <sup>-3</sup>	kg
Effective Piston Area	S	1.36.10 <sup>-3</sup>	m <sup>2</sup>
Volume Equivalent of Air at Cas	Vas	19.9.10 <sup>-3</sup>	m <sup>3</sup>
Mass of speaker	M	1.05	kg

The specifications are given with voice coils connected in parallel.

**APPLICATION PARAMETERS**

Symbol	Parameter	Unit
Vb	Box volume	dm <sup>3</sup>
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.