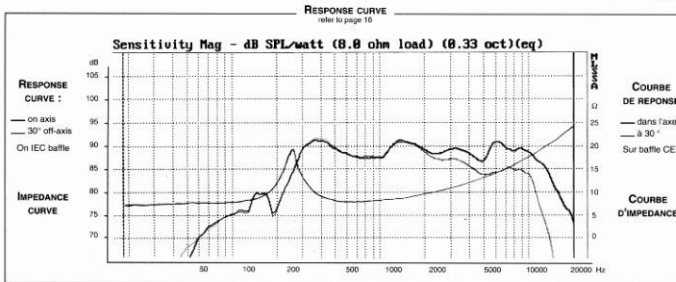


AUDAX HT110G2
LA PASSION DU HAUT-PARLEUR MIDRANGE



SPECIFICATIONS

Technical Characteristics	Symbol	Value	Units
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PRIMARY APPLICATION

Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	240	Hz
Nominal Power Handling	P	35	W
Sensitivity	E	89	dB

VOICE COIL

Voice coil diameter	Ø	25	mm
Minimum Impedance	Zmin	8.3	Ω
DC Resistance	Re	7.6	Ω
Voice Coil Inductance	Lbm	0.23	mH
Voice coil Length	h	7	mm
Forme	-	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	4.8	NA ²
Height of magnetic gap	He	4	mm
Stray flux	Fmag	-	Am ²
Linear excursion	Xmax	±1.5	mm

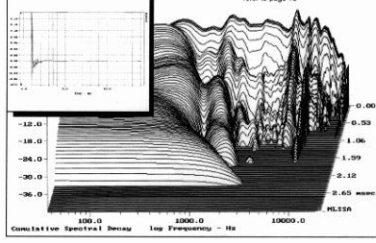
PARAMETERS

Suspension Compliance	Cms	0.1.10 ⁻¹	mN ⁻¹
Mechanical Q Factor	Qms	4.16	-
Electrical Q Factor	Qes	2.59	-
Total Q Factor	Qts	1.39	-
Mechanical Resistance	Rms	1.52	kg s ⁻¹
Moving Mass	Mms	4.2.10 ⁻¹	kg
Effective Piston Area	S	0.57.10 ⁻¹	m ²
Volume Equivalent of Air at Cas	Vas	-	m ³
Mass of speaker + cup	M	0.6 + 0.1	kg

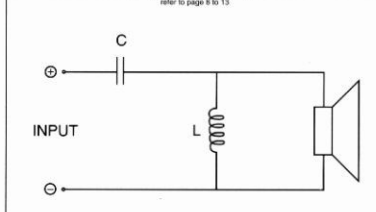
APPLICATION PARAMETERS

Fc	Crossover Frequency	Hz
S	Slope	dB / Oct
L	Self-inductance	mH
C	Capacitor	µF+
P	Nominal Power Handling	W

IMPULSE RESPONSE **WATERFALL**
refer to page 16



SUGGESTED APPLICATIONS
refer to page 8 to 13



Fc	S	L	C	P
500	12	1,20	36	50
800	12	1	20	90

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.