AUDAX INDUSTRIES
2, route de Tours - 72500 Château du Loir - France
Phone : (33) 2 43 38 42 00 - Fax : (33) 2 43 44 12 02

VP130G0

WOOFER

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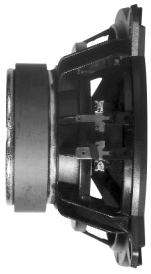
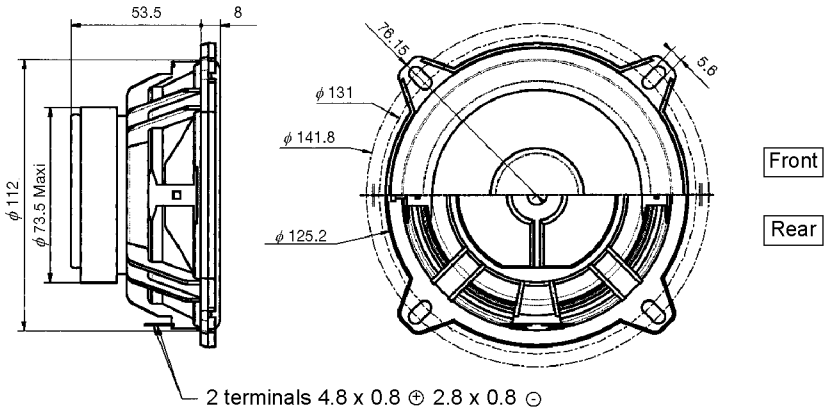
Mar. 2000



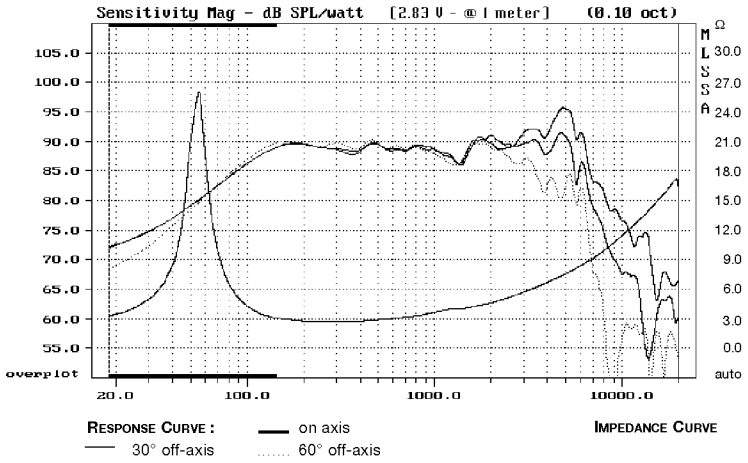
5 1/4" - Coated paper cone
High impact polymer chassis

- *Coated paper cone*
- *Compact woofer - Drop-in for high-end aftermarket installation*
- *High-loss rubber surround*
- *Kapton former voice coil*
- *Gold plated terminals*
- *Vented magnet system*
- *Non resonant - corrosion-free - High impact polymer chassis*



All dimensions in mm

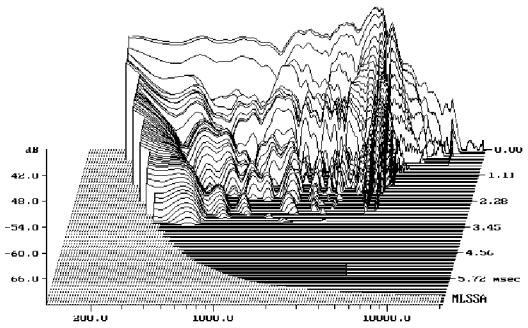
Response Curve



RESPONSE CURVE : on axis — 30° off-axis ..... 60° off-axis

IMPEDANCE CURVE

Waterfall



Cumulative Spectral Decay Log Frequency - Hz

SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	4	Ω
Resonance Frequency	Fs	56,76	Hz
Nominal Power Handling	P	45	W
Sensitivity (2,83 V - 1m)	E	89	dB
VOICE COIL			
Voice Coil Diameter	ϕ	25	mm
Minimum Impedance	Zmin	3,9	Ω
DC Resistance	Dcr	3,18	Ω
Voice Coil Inductance	Lbm	0,29	mH
Voice Coil Length	h	12	mm
Former	-	kapton	-
Number of Layers	n	2	-
Wire type	-		-
Wire material	-		-

MAGNET			
Magnet Dimensions	ϕ x h	72 x 15	mm
Magnet Weight	m	245	g
Flux Density	B	1	T
Force Factor	BL	4,04	NA^{-1}
Height of Magnetic Gap	He	4	mm
Stray Flux	Fmag	-	Am^{-1}
Linear Excursion	Xmax	±4	mm
PARAMETERS			
Suspension Compliance	Cms	1032	µm/N
Mechanical Q Factor	Qms	4,97	-
Electrical Q Factor	Qes	0,53	-
Total Q Factor	Qts	0,48	-
Mechanical Resistance	Rms	0,54	kg s^{-1}
Moving Mass	Mms	7,62	g
Effective Piston Area	S	83,32	cm^2
Volume Equivalent of Air at Cas	Vas	10,07	liters
Mass of Speaker	M	650	g

Suggested Applications

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
10	-	-	-	84,4
-	-	-	-	-