AUDAX INDUSTRIES
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HT210G10

102317N

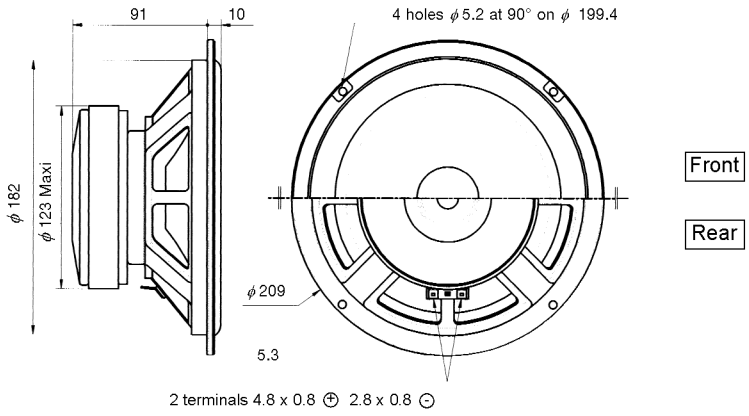
Jan. 2000

WOOFER

HT210G10 W04PGV3711
102125K

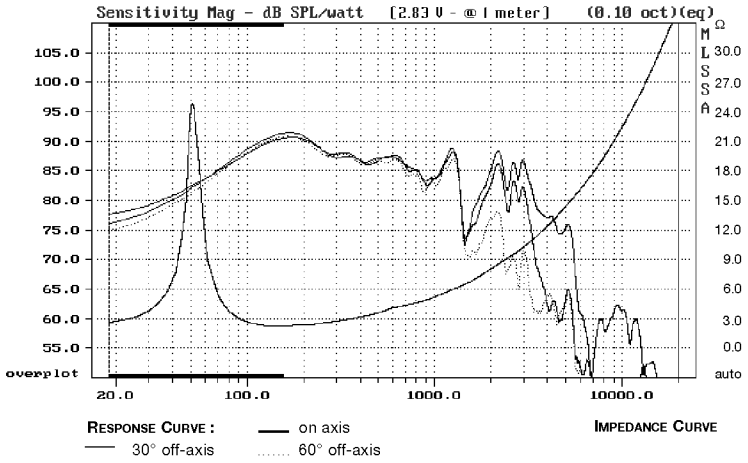
8" Coated paper cone
Rubber surround
Steel chassis

- *Progressive rolls spider "Long Neck Progress"*
- *Bumped back plate for long excursion*
- *Large rubber surround*
- *Karpton former coil*
- *Flat copper wire*
- *Heavy Gauge Stamped Steel Chassis*
- *Ideal for Home cinema or Car sub woofer*

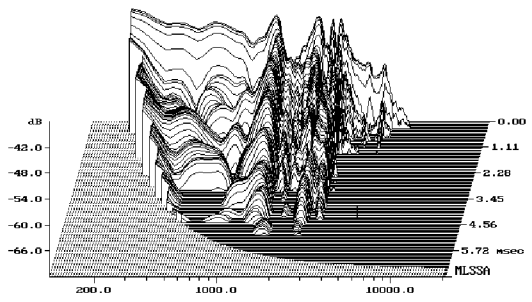


All dimensions in mm

Response Curve



Waterfall



Cumulative Spectral Decay Log Frequency - Hz

SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	4	Ω
Resonance Frequency	Fs	52,2	Hz
Nominal Power Handling	P	100	W
Sensitivity (2,83 V - 1m)	E	88	dB
VOICE COIL			
Voice Coil Diameter	ϕ	37	mm
Minimum Impedance	Zmin	3,5	Ω
DC Resistance	Dcr	3,09	Ω
Voice Coil Inductance	Lbm	1,08	mH
Voice Coil Length	h	14,7	mm
Former	-	kapton	-
Number of Layers	n	2	-
Wire type	-	Round	-
Wire material	-	Copper	-

MAGNET			
Magnet Dimensions	ϕ x h	121 x 20	mm
Magnet Weight	m	890	g
Flux Density	B	1,2	T
Force Factor	BL	8,39	NA^{-1}
Height of Magnetic Gap	He	6	mm
Stray Flux	Fmag	-	Am^{-1}
Linear Excursion	Xmax	±4,5	mm
PARAMETERS			
Suspension Compliance	Cms	238	µm/N
Mechanical Q Factor	Qms	7,73	-
Electrical Q Factor	Qes	0,56	-
Total Q Factor	Qts	0,52	-
Mechanical Resistance	Rms	1,65	kg s^{-1}
Moving Mass	Mms	39,03	g
Effective Piston Area	S	219,04	cm^2
Volume Equivalent of Air at Cas	Vas	16,0	liters
Mass of Speaker	M	2,8	kg

Suggested Applications

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
40	40	6	8,9	35
30	40,3	6	13	37,1