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HP210M0

102100D

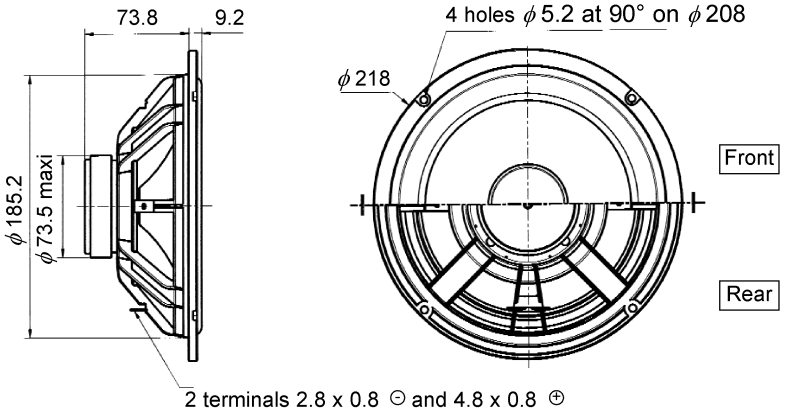
Octob.98

BASS MIDRANGE

HP210M0 W08PMP2511
102010D

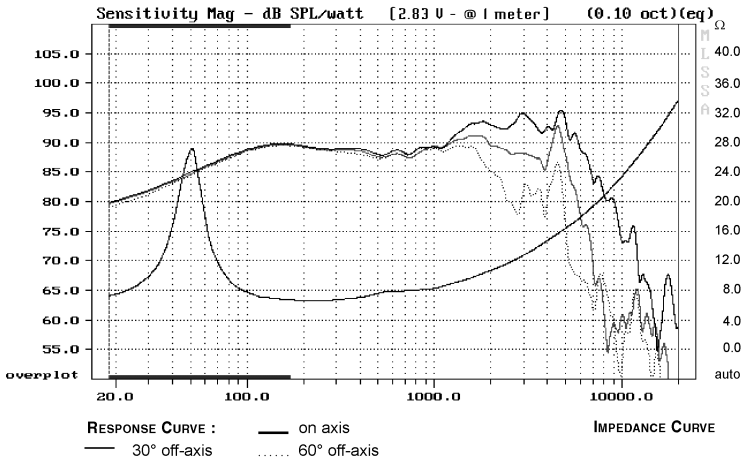
8" Paper cone
High impact polymer chassis

- *Paper cone (virgin pulp) - Foam suspension*
- *Non resonant high impact polymer chassis*
- *Built in cosmetic ring designed for front-rear and recessed mounting*
- *High temperature voice coil*
- *Aluminium former*

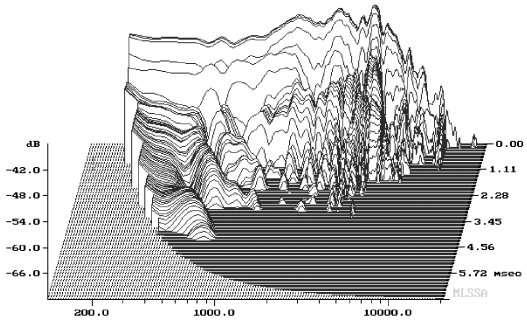


All dimensions in mm

Response Curve



Waterfall



Cumulative Spectral Decay Log Frequency - Hz

SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	51,3	Hz
Nominal Power Handling	P	50	W
Sensitivity (2,83 V - 1m)	E	90	dB
VOICE COIL			
Voice Coil Diameter	ϕ	25	mm
Minimum Impedance	Zmin	6,6	Ω
DC Resistance	Dcr	6,2	Ω
Voice Coil Inductance	Lbm	0,63	mH
Voice Coil Length	h	12	mm
Former	-	Aluminium	-
Number of Layers	n	2	-
Wire type	-	round	-

MAGNET			
Magnet Dimensions	ϕ x h	72 x 15	mm
Magnet Weight	m	0,25	kg
Flux Density	B	1	T
Force Factor	BL	5,40	NA^{-1}
Height of Magnetic Gap	He	4	mm
Stray Flux	Fmag	-	Am^{-1}
Linear Excursion	Xmax	± 4	mm
PARAMETERS			
Suspension Compliance	Cms	659	µm/N
Mechanical Q Factor	Qms	3,75	-
Electrical Q Factor	Qes	0,99	-
Total Q Factor	Qts	0,78	-
Mechanical Resistance	Rms	1,25	kg s^{-1}
Moving Mass	Mms	14,64	g
Effective Piston Area	S	226,98	cm^2
Volume Equivalent of Air at Cas	Vas	47,67	liters

Suggested Applications

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
60	-	0	0	52,2
-	-	-	-	-