

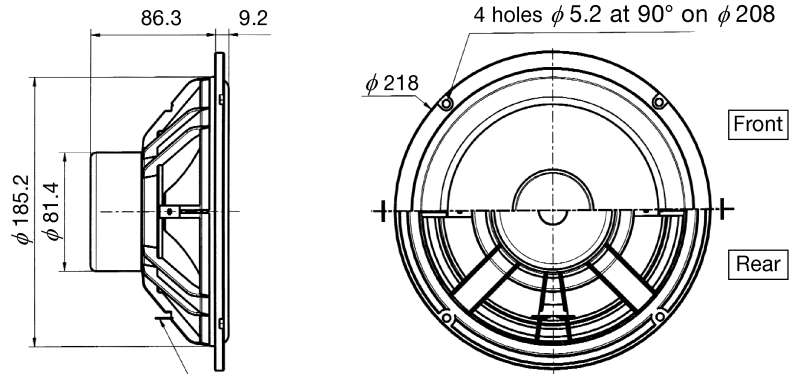
BASS MIDRANGE

AP210M0 W08PMP2511
102097S

102098T

Dec .98

Shielded 8" paper cone
High impact polymer chassis

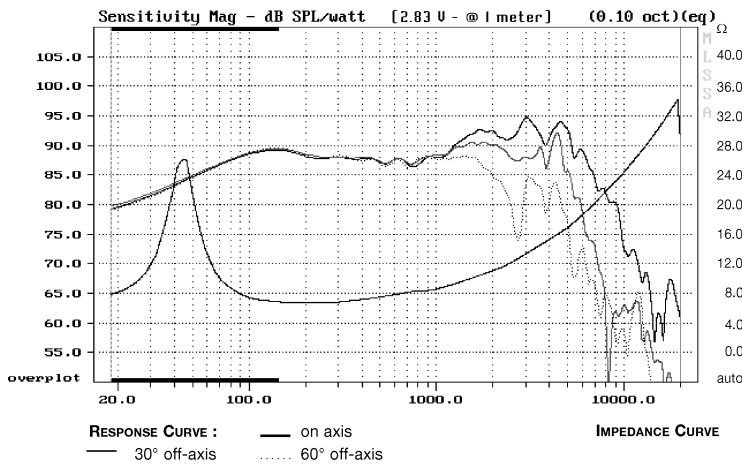


All dimensions in mm

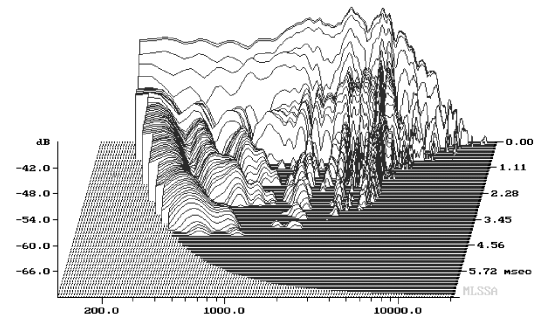
2 terminals 2.8 x 0.8 \ominus and 4.8 x 0.8 \oplus

- Fully shielded magnet system for all audio video applications
- Non resonant high impact polymer chassis
- Built in cosmetic ring designed for front-rear and recessed mounting
- High temperature voice coil
- Aluminium former
- Paper cone (virgin pulp)
- Foam suspension

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	46,38	Hz
Nominal Power Handling	P	50	W
Sensitivity (2,83 V - 1m)	E	90,2	dB
VOICE COIL			
Voice Coil Diameter	ϕ	25	mm
Minimum Impedance	Zmin	6,8	Ω
DC Resistance	Dcr	6,2	Ω
Voice Coil Inductance	Lbm	0,62	mH
Voice Coil Length	h	12	mm
Former	-	Aluminium	-
Number of Layers	n	2	-
Wire type	-	round	-

MAGNET

Magnet Dimensions	$\phi \times h$	72x15 _{80x10}	mm
Magnet Weight	m	0,245 _{0,100}	kg
Flux Density	B	1	T
Force Factor	BL	5,10	NA ⁻¹
Height of Magnetic Gap	He	5	mm
Stray Flux	Fmag	-	Am ⁻¹
Linear Excursion	Xmax	$\pm 3,5$	mm

PARAMETERS

Suspension Compliance	Cms	881	$\mu\text{m/N}$
Mechanical Q Factor	Qms	3,30	-
Electrical Q Factor	Qes	0,92	-
Total Q Factor	Qts	0,72	-
Mechanical Resistance	Rms	1,18	kg s ⁻¹
Moving Mass	Mms	13,37	g
Effective Piston Area	S	226,98	cm ²
Volume Equivalent of Air at Cas	Vas	63,75	liters

Suggested Applications

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
70	-	-	-	49,2
-	-	-	-	-