

WOOFER

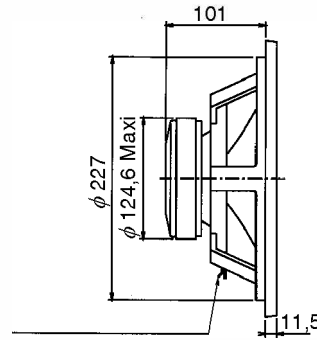
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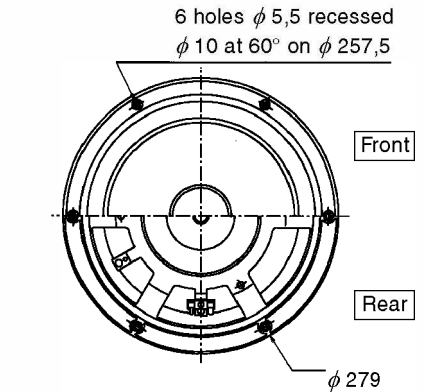
10" HDA CONE DRIVER - 240 mm - 8



- HDA (High Definition Aerogel) laminated cone
- High loss- long excursion suspension
- Vented pole piece
- Black zinc plated top/bottom plate for high heat dissipation
- Fiber glass reinforced kapton former
- Flat copper wire
- Gold plated terminals
- Ultra-stiff die cast chassis

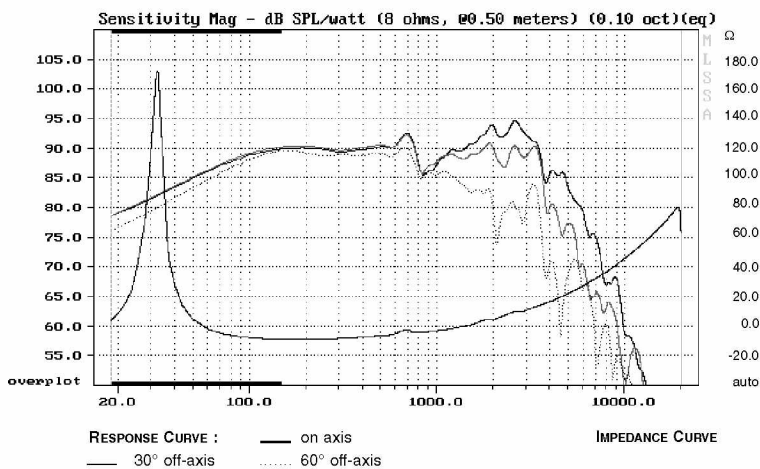


2 terminals : 2,8 x 0,8 ⊕
4,8 x 0,8 ⊖



All dimensions in mm

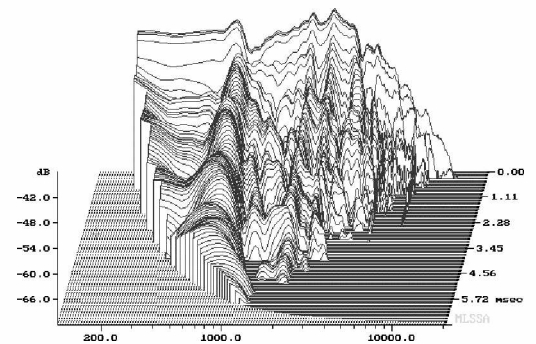
Response Curve



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	8	Ω
Resonance Frequency	Fs	35	Hz
Nominal Power Handling	P	100	W
Sensitivity	E	90	dB
VOICE COIL			
Voice Coil Diameter	φ	48	mm
Minimum Impedance	Zmin	6,5	Ω
DC Resistance	Re	6	Ω
Voice Coil Inductance	Lbm	1,11	mH
Voice Coil Length	h	14	mm
Former	-	kapton	-
Number of Layers	n	1	-

MAGNET

Magnet Dimensions	φ x h	120 x 20	mm
Magnet Weight	m	0,88	kg
Flux Density	B	1	T
Force Factor	BL	12	NA ⁻¹
Height of Magnetic Gap	He	6	mm
Stray Flux	Fmag	-	Am ⁻¹
Linear Excursion	Xmax	±4	mm

PARAMETERS

Suspension Compliance	Cms	52,1.10 ⁻³	mN ⁻¹
Mechanical Q Factor	Qms	11,7	-
Electrical Q Factor	Qes	0,39	-
Total Q Factor	Qts	0,38	-
Mechanical Resistance	Rms	-	kg s ⁻¹
Moving Mass	Mms	45.10 ⁻³	kg
Effective Piston Area	S	3,58.10 ⁻²	m ²
Volume Equivalent of Air at Cas	Vas	82.10 ⁻³	m ³
Mass of Speaker	M	3,6	kg

Suggested Applications

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
45	39	6,6	6,1	42
60	36	6,6	8	36

La technologie aérogel associée au châssis moulé ultra-rigide permettent d'obtenir une reproduction très puissantes de graves d'une grande clarté.



Impédance 8 ohms
 Résonance 35 Hz
 Puissance nominale (IEC) 100 W
 Sensibilité (2.83V/1m) 90.0 dB
 Résistance (DC) 6.5 ohms
 Inductance 1.11 mH
 Xmax ± 4.0 mm
 Qms 11.37
 Qes 0.39
 Qts 0.38
 Vas 82 l

Diamètre bobine 48 mm
 Hauteur bobine 14 mm
 Support kapton
 Nb. couches 1
 Type de fil plat
 Champ 12.0 NA
 Masse mobile 45.0 gr
 Membrane aérogel
 Suspension mousse
 Saladier zamack
 Poids 3.6 kg

