

TWEETER

TW025A16 D08IIP0010
102144L

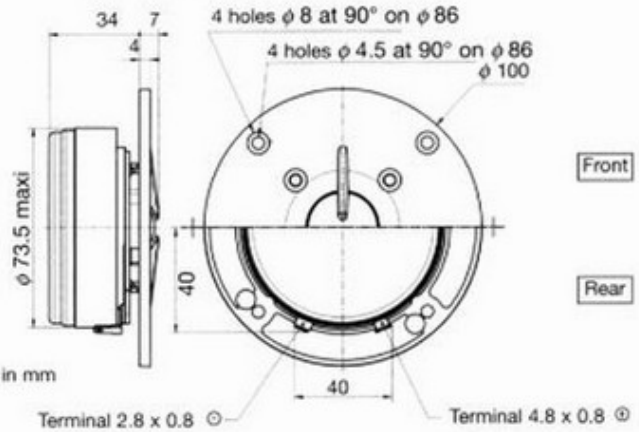
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March '99

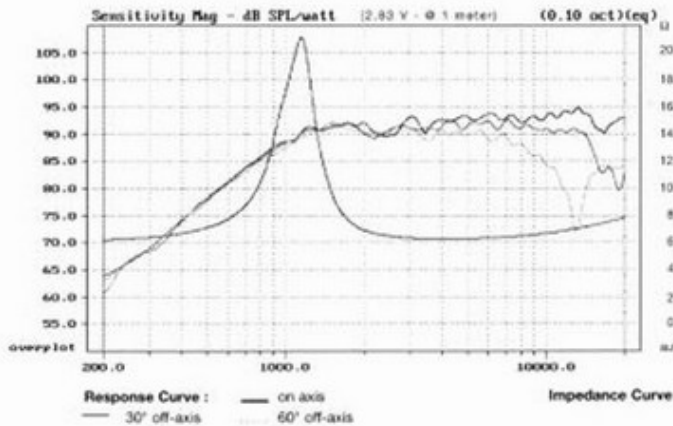
Hi Fi . Round . Titanium . Cavity 8 Ω



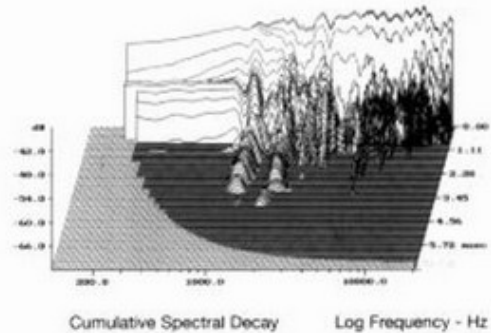
- Profile IV titanium dome, for linear response
- Vented pole piece with critically damped vent
- Natural felt damped and tuned back chamber
- Solid zamack die cast face plate
- Ultra-light copper clad aluminium wire voice coil with braided wires
- Soft polymer suspension



Response Curve



Waterfall



SPECIFICATIONS

Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	1125,3	Hz
Nominal Power Handling	P	60	W
Sensitivity (2,83 V - 1m)	E	94	dB
VOICE COIL			
Voice Coil Diameter	φ	25	mm
Minimum Impedance	Zmin	6,2	Ω
DC Resistance	Dcr	5,8	Ω
Voice Coil Inductance	Lbm	0,05	mH
Voice Coil Length	h	1,5	mm
Former	-	Aluminium	-
Number of Layers	n	2	-
Wire type	-	round	-
Wire material	-	Aluminium	-

MAGNET

Magnet Dimensions	e x h	72 x 15	mm
Magnet Weight	m	245	g
Flux Density	B	1	T
Force Factor	BL	-	NA ¹
Height of Magnetic Gap	He	1	mm
Stray Flux	Fmag	-	Am ²
Linear Excursion	Xmax	± 0,75	mm

PARAMETERS

Suspension Compliance	Cms	-	µm/N
Mechanical Q Factor	Qms	3,50	-
Electrical Q Factor	Qes	1,20	-
Total Q Factor	Qts	0,89	-
Mechanical Resistance	Rms	-	kg s ⁻¹
Moving Mass	Mms	-	g
Effective Piston Area	S	4,91	cm ²
Volume Equivalent of Air at Gas	Vas	-	liters
Mass of Speaker	M	600	g

Suggested Applications

Crossover Frequency	Slope	Inductance	Capacitor	Power Handling
Hz	dB / Oct.	mH	µF	W
5290	6	-	4,7	60
2910	12	0,3	10	60