

FULL RANGE

VP100G2 X04PGN2551
1025011

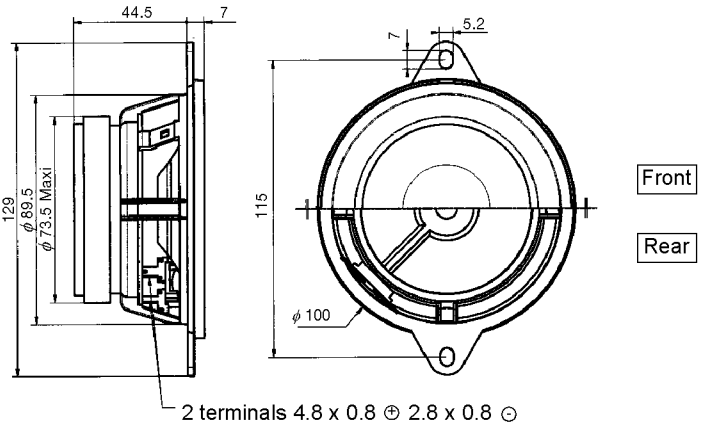
2 Way coaxial 4"
Coated paper cone
High impact polymer chassis
10 mm Polymer dome



102410H

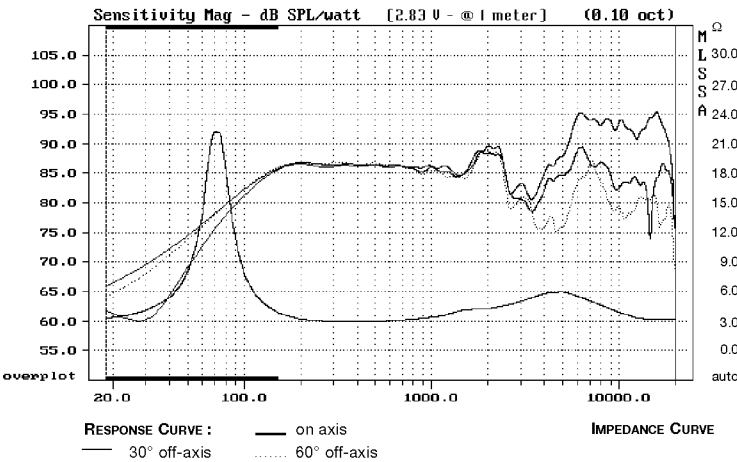
Mar. 2000

- Coated paper cone
- Non resonant - corrosion-free - High impact polymer chassis
- High loss rubber surround
- Kapton Former voice coil
- Gold plated terminals
- 10 mm balanced drive polymer dome - neodymium magnet
- Built-in crossover (1st order)

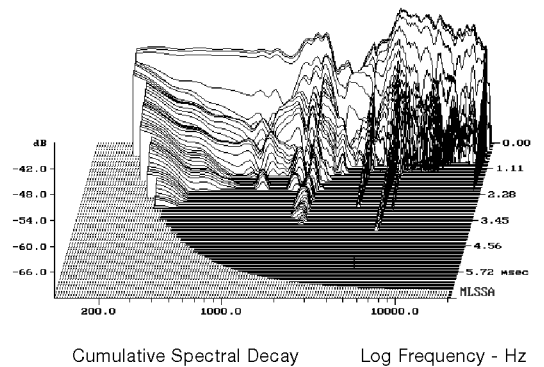


All dimensions in mm

Response Curve



Waterfall



SPECIFICATIONS			
Technical characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	4	Ω
Resonance Frequency	Fs	76,17	Hz
Nominal Power Handling	P	40	W
Sensitivity (2,83 V - 1m)	E	86	dB
VOICE COIL			
Voice Coil Diameter	φ	25	mm
Minimum Impedance	Zmin	3,9	Ω
DC Resistance	Dcr	3,45	Ω
Voice Coil Inductance	Lbm	0,28	mH
Voice Coil Length	h	6,8	mm
Former	-	kapton	-
Number of Layers	n	2	-
Wire type	-	-	-
Wire material	-	-	-

MAGNET				
Magnet Dimensions	φ x h	72 x 10	mm	
Magnet Weight	m	0,16	g	
Flux Density	B	1	T	
Force Factor	BL	3,66	NA ⁻¹	
Height of Magnetic Gap	He	4	mm	
Stray Flux	Fmag	-	Am ⁻¹	
Linear Excursion	Xmax	±1,4	mm	
PARAMETERS				
Suspension Compliance	Cms	1059	μm/N	
Mechanical Q Factor	Qms	3,81	-	
Electrical Q Factor	Qes	0,51	-	
Total Q Factor	Qts	0,45	-	
Mechanical Resistance	Rms	0,51	kg s ⁻¹	
Moving Mass	Mms	4,12	g	
Effective Piston Area	S	50,27	cm ²	
Volume Equivalent of Air at Cas	Vas	3,76	liters	
Mass of Speaker	M	0,51	g	

Suggested Applications

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
3	70,6	3	12	81,1
5	69,9	3	6,5	65,0