

**WOOFER**

VP170G4 W04PGT2511  
102506N

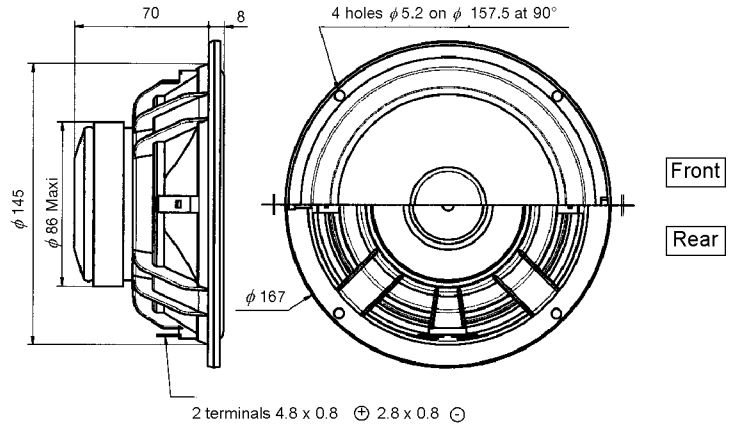
102472P

Apr. 2000

**6<sup>1/2</sup>" Coated paper cone**  
**High impact polymer chassis**

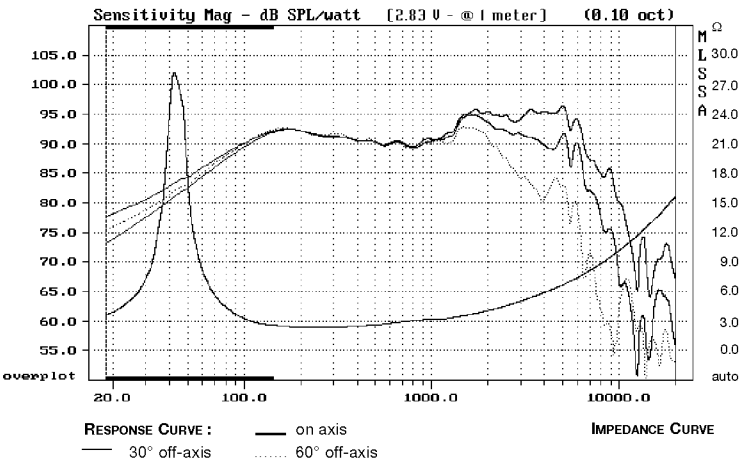


- Coated paper cone
- Non resonant - corrosion-free - High impact polymer chassis
- High-loss rubber surround
- Kapton former voice coil
- Gold plated terminals
- Vented magnet system

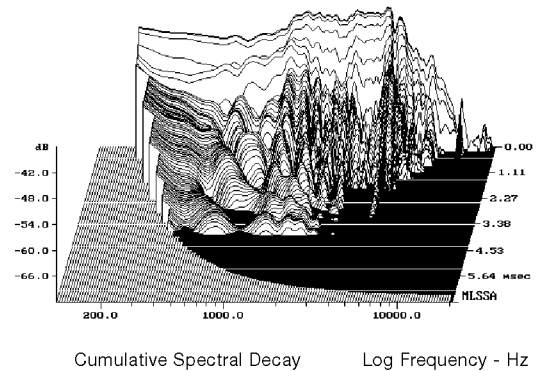


All dimensions in mm

**Response Curve**



**Waterfall**



SPECIFICATIONS			
Technical characteristics	Symbol	Value	Units
<b>PRIMARY APPLICATION</b>			
Nominal Impedance	Z	4	Ω
Resonance Frequency	Fs	45,32	Hz
Nominal Power Handling	P		W
Sensitivity (2,83 V - 1m)	E	92	dB
<b>VOICE COIL</b>			
Voice Coil Diameter	φ	25	mm
Minimum Impedance	Zmin	3,5	Ω
DC Resistance	Dcr	3,26	Ω
Voice Coil Inductance	Lbm	0,31	mH
Voice Coil Length	h	12	mm
Former	-	kapton	-
Number of Layers	n	2	-
Wire type	-	round	-
Wire material	-	copper	-

MAGNET			
Magnet Dimensions	φ x h	84 x 15	mm
Magnet Weight	m	347	g
Flux Density	B	1	T
Force Factor	BL	4,94	NA <sup>-1</sup>
Height of Magnetic Gap	He	5	mm
Stray Flux	Fmag	-	Am <sup>-1</sup>
Linear Excursion	Xmax	±3,5	mm
PARAMETERS			
Suspension Compliance	Cms	1170	μm/N
Mechanical Q Factor	Qms	5,47	-
Electrical Q Factor	Qes	0,4	-
Total Q Factor	Qts	0,37	-
Mechanical Resistance	Rms	0,54	kg s <sup>-1</sup>
Moving Mass	Mms	10,54	g
Effective Piston Area	S	132,73	cm <sup>2</sup>
Volume Equivalent of Air at Cas	Vas	28,95	liters
Mass of Speaker	M	1	Kg

**Suggested Applications**

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
15	50,3	6	18	58,8
20	48,7	6	13,5	52,2