

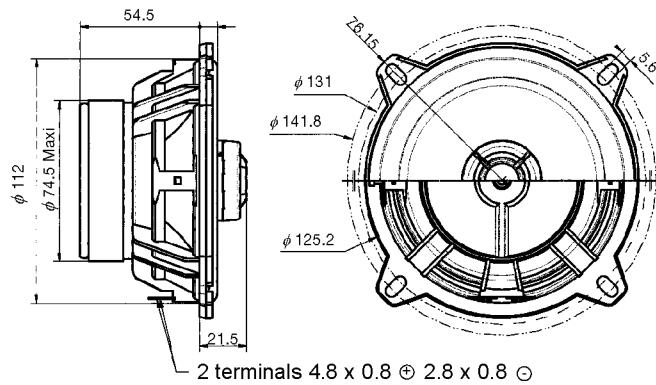
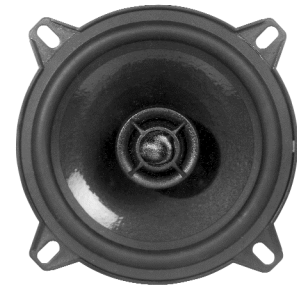
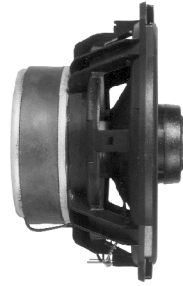
**FULL RANGE**

VP130Z2 X04ZGR3051  
102191N

102441L

Feb. 2000

**2 WAY COAXIAL 5<sup>1/4</sup>" - HDA cone**  
**High impact polymer chassis**  
**1" textile dome**



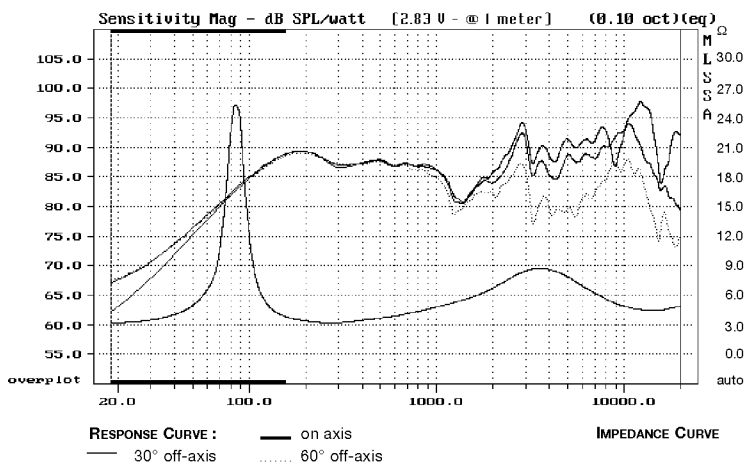
Front

Rear

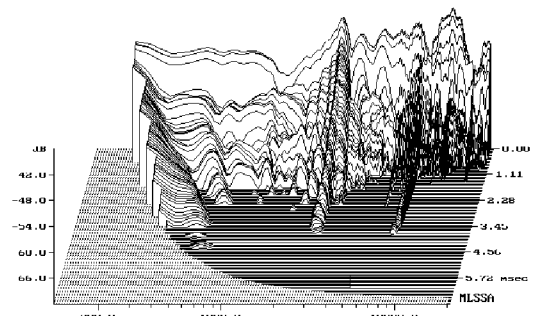
All dimensions in mm

- Drop-in for highend aftermarket installation
- HDA (High Definition Aerogel) cone
- Non resonant-corrosion-free, High impact polymer chassis
- High-loss rubber surround
- Kapton former voice coil
- Gold plated terminals
- 1" textile dome - neodymium magnet
- Built-in crossover (1st order)

**Response Curve**



**Waterfall**



Cumulative Spectral Decay

Log Frequency - Hz

**SPECIFICATIONS**

Technical characteristics	Symbol	Value	Units
<b>PRIMARY APPLICATION</b>			
Nominal Impedance	Z	4	Ω
Resonance Frequency	Fs	87,8	Hz
Nominal Power Handling	P	50	W
Sensitivity (2,83 V - 1m)	E	87	dB
<b>VOICE COIL</b>			
Voice Coil Diameter	φ	30	mm
Minimum Impedance	Zmin	3,1	Ω
DC Resistance	Dcr	2,87	Ω
Voice Coil Inductance	Lbm	0,46	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	73 x 16	mm
Magnet Weight	m	236	g
Flux Density	B	1	T
Force Factor	BL	3,92	NA <sup>-1</sup>
Height of Magnetic Gap	He	4	mm
Stray Flux	Fmag	-	Am <sup>-1</sup>
Linear Excursion	Xmax	±4	mm

**PARAMETERS**

Suspension Compliance	Cms	400	μm/N
Mechanical Q Factor	Qms	7,79	-
Electrical Q Factor	Qes	0,85	-
Total Q Factor	Qts	0,76	-
Mechanical Resistance	Rms	0,58	kg s <sup>-1</sup>
Moving Mass	Mms	8,2	g
Effective Piston Area	S	83,32	cm <sup>2</sup>
Volume Equivalent of Air at Cas	Vas	3,9	liters
Mass of Speaker	M	720	g

**Suggested Applications**

Vb	Fb	Dp	Lp	F-3
liters	Hz	cm	cm	Hz
-	-	-	-	-
-	-	-	-	-