

**SYSTEM** **HI ENERGY**

**HSK 165XL** **300 watt**



**Technical Specifications**

Component	2 way system	
<b>Size</b> mm	HV 165XL woofer	165 (6 <sup>31/2</sup> )
	HT 28 tweeter	28 (1 <sup>11/8</sup> )
<b>Power Handling</b>	W peak	300
	W continuous	150
<b>Impedance</b>	Ω	4
<b>Frequency response</b>	Hz	40 ÷ 22k
<b>Sensitivity</b>	dB/SPL	93,5
<b>Crossover included</b>	LO/HI-pass	2.5 kHz @ 12/12 dB Oct.
<b>Component adjustment</b>	Tweeter	-2; 0; +2
<b>Outer Ø</b> mm	Woofer	167
	Tweeter	48
<b>Mounting Ø</b> mm	Woofer	146
	Tweeter	45
<b>Total depth</b> mm	Woofer	84,5
	Tweeter	29
<b>Mount. depth</b> mm	Woofer	75
	Tweeter	19
<b>Magnet size</b> mm	Woofer	95
	Tweeter	27,9
<b>Weight of one component</b> kg	Woofer	1,48
	Tweeter	0,07
<b>Voice coil Ø</b> mm	Woofer	30
	Tweeter	28

**Tweeter:**

- 1 Tetolon® soft dome tweeter.
- 2 28mm ø, ferrofluid-cooled mobile voice coil.
- 3 High energy Neodymium magnet.
- 4 Rear acoustic chamber.
- 5 Revolving support and accessories for factory location and flush mounting.
- 6 Very flexible, high current input cable.

**Woofer:**

- 1 Soft iron plates for high heat dissipation, part of the symmetrical magnetic flux motor.
- 2 Over-sized magnet; provides outstanding energy for maximum control.
- 3 Pure CCWA voice coil wound on a KSV former; for excellent thermal and mechanical capability.
- 4 Vented bottom plate; improves linearity and thermal dissipation.
- 5 Damped XL Mesh Fibre Cone; for extended bandwidth and smooth response.
- 6 V-cone®; for the best off-axis dispersion and mid-high frequency detail.
- 7 Anti-vibration rubber magnet cover; damps spurious vibrations.
- 8 Aerodynamic die-cast aluminium basket; eliminating rear wave reflections.
- 9 Radial Venting System; for efficient thermal management.
- 10 Loss-less Polymer Rubber Surround; for long throw and maximum damping.
- 11 Grille included.

