

# COAX HI ENERGY

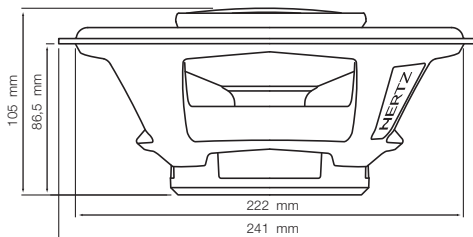
## HCX 690 260 Watt



### Technical Specifications

Component	3 way Coaxial	
<b>Size</b> mm	Woofer	6" x 9"
	Tweeter	28 (1 11/16")
	Supertweeter	20 (3/4")
<b>Power Handling</b>	W peak	260
	W continuous	130
<b>Impedance</b>	Ω	4
<b>Frequency response</b>	Hz	32 ÷ 23k
<b>Sensitivity</b>	dB/SPL	94
<b>Crossover</b>	Integrated	4 k/10k Hz @ 6 dB Oct.
<b>Outer Ø</b>	mm	241
<b>Mounting Ø</b>	mm	222
<b>Total depth</b>	mm	105
<b>Mount. depth</b>	mm	86,5
<b>Magnet size</b>	mm	110
<b>Weight of one speaker</b>	kg	2,15
<b>Voice coil Ø</b>	mm	38

- 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 copper voice coil wound on a KSV former; for excellent thermal and mechanical capability.
- 4 Vented bottom plate; improves linearity and thermal dissipation.
- 5 Damped Mesh Fibre Cone; for extended bandwidth and smooth response.
- 6 Anti-vibration rubber magnet cover; damps spurious vibrations.
- 7 Aerodynamic die-cast aluminium basket; eliminating rear wave reflections.
- 8 Radial Venting System; for efficient thermal management.
- 9 Loss-less Polymer Rubber Surround; for long throw and maximum damping.
- 10 28mm Neodymium Tetolon® dome tweeter.
- 11 20mm Neodymium Tetolon® dome, super tweeter.



### Electro-Acoustic Parameters

<b>D</b>	mm	169
<b>Xmax</b>	mm	4
<b>Re</b>	Ω	3,2
<b>Fs</b>	Hz	55
<b>Le</b>	mH@1kHz	0,43
<b>Le</b>	mH@10kHz	-
<b>Vas</b>	l	30,00
<b>Mms</b>	g	28,0
<b>Cms</b>	mm/N	0,40
<b>BL</b>	T-m	7,00
<b>Qts</b>		0,50
<b>Qes</b>		0,55
<b>Qms</b>		3,00
<b>(1m/2,83V)</b>	dB	94

