

## Technical Specifications Sapphire

Sensitivity (2.83 V/1 m):	88 dB
IEC Long Term Power Handling:	> 300 watts
Impedance, Nominal:	4 ohms
Frequency Response: (+/- 3 dB)	30 Hz – 25 kHz
Internal Cabinet Volume:	47 litres
Bass Principle:	Bass reflex
Weight:	40 kg
Dimensions (W x H x D):	330 x 1350 x 325 mm
Crossover:	3 way
Crossover Frequencies:	450, 2200 Hz
Crossover Slope:	Woofers 6 dB/octave; Midrange 6 dB/octave; Tweeter 6 dB/octave
Recommended Placing:	Floor free standing

Remarks:	Tweeters:	<ul style="list-style-type: none"> <li>• 28 mm soft dome</li> <li>• Esotar<sup>2</sup></li> <li>• Magnetic fluid</li> <li>• 4 mm aluminium front, with high heat-dissipation</li> <li>• Pure aluminium wire voice coil</li> <li>• Integrated metal rear chamber, with built in acoustic-vent</li> <li>• Large neodymium magnet ring</li> </ul>
	Midrange:	<ul style="list-style-type: none"> <li>• 15 cm one piece moulded MSP cone</li> <li>• 38 mm pure aluminium wire voice coil</li> <li>• Die cast aluminium frame</li> </ul>
	Woofers:	<ul style="list-style-type: none"> <li>• 20 cm one piece moulded MSP cone</li> <li>• 75 mm pure aluminium wire voice coil</li> <li>• Kapton former</li> <li>• Large neodymium magnet</li> <li>• Die cast aluminium frame</li> </ul>
	Crossover:	<ul style="list-style-type: none"> <li>• Thick glass fibre reinforced PCB with extra copper thickness</li> <li>• Air core inductors for linear operation</li> <li>• Capacitors with low loss dielectricum</li> <li>• Zero compression resistors</li> <li>• The crossover is impedance corrected</li> </ul>