



## Product Information **Sapphire**

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### The Dynaudio Sapphire

In the Dynaudio Sapphire, twelve distinct surface planes and twenty-four adjoining lines trace the unique design of the loudspeaker. The Sapphire's complete cabinet structure is so rigid that the Dynaudio engineers could easily integrate powerful woofers: Two 20 cm/8 inch bass drivers fitted with specially formed MSP (Magnesium Silicate Polymer) diaphragms, exclusive 75mm/3 inch pure aluminium voice coils on light Kapton formers and powerful Neodymium double magnet systems. In order to ensure an absolutely precise and dynamic bass response, the dual woofers exclusively reproduce low bass frequencies.

The mid-band frequencies are handled by a dedicated Dynaudio midrange driver which also incorporates Dynaudio's proprietary MSP cone material and its dispersion-optimized geometry, thus reproducing every note perfectly clear and pure, and completely naturally.

To avoid any potential effects from the internal bass drivers' back-waves, the midrange driver is firmly mounted to the baffle in an acoustically isolated, specially shaped low-resonance cabinet chamber.

Delicate high frequency sound waves require a stable and unyielding anti-resonant foundation to be reproduced tonally undistorted and in correct timing and phase. Therefore, the low-resonance, extremely solid Sapphire cabinet, with its internal chamber for the midrange driver and tweeter, provides the ideal setting to integrate an advanced tweeter platform as the Esotar2. All of the Sapphire's exclusive, high performance drivers are connected and equalized via another Dynaudio speciality: A 1st order crossover comprised of carefully selected, tonally-balanced high-grade components.

### Technical Data

Sensitivity	88 dB
IEC Long Term Power Handling	300 Watt
Impedance	4 Ohm
Frequency Range	30 Hz – 25 kHz
Principle	3 Way Bass Reflex
Weight	40 kg
Dimensions (W x H x L in mm)	330 x 1350 x 325

