



ETON HEX IS BACK – HIGH-END MID-WOOFER DRIVER

The next evolutionary stage of the legendary, patented ETON HEXACONE cone technology – implemented in a state-of-the-art mid-woofer driver: The 165 mm / 6.5" HEX 165 high-end system offers top performance for sound lovers.

The newly developed sandwich cone consists of an aramid layer with a 3D hex honeycomb structure embedded in two layers of glass fiber fabric. This elaborately manufactured HEX cone exhibits very high tensile strength, is extremely light with high inner damping – the perfect basis for an audiophile speaker offering maximum sound fidelity and precision.

Each individual HEX cone is additionally hand-coated with a specially developed formulation. This additional layer dampens resonances on the cone surface and ensures the rich, contoured and exceptionally precise sound of this premium sound system.

The ribbed die-cast aluminum phase plug in the center of the HEX 165 is a real sound performance plus: thanks to its special design, it enables free cone movement, prevents interferences in the vicinity of the cone and supports the incredible imaging accuracy of the HEX 165. The finest details are perfectly separated – creating a transparency and, above all, a spatial depth that is a rarity.

The powerful neodymium drive with optimized FEA magnetic field symmetry ensures lowest distortion values and enables extremely dynamic, fast and controlled reproduction – from the smallest signal to heavy bass punches.

Heat dissipation is also optimally regulated via the well-ventilated die-cast aluminum basket and the pole plate holes for voice coil ventilation. Further details such as the symmetrical tinsel lead layout and the centering spider made of synthetic high-strength PAN/PMMA fiber preventing cone rocking effects.

The HEX 165 can be perfectly complemented to a 2-way system with the separately available ETON HEX 28 high-end tweeter.

KEY FEATURES ETON HEX 165

- 165 mm (6,5") high-end mid-woofer driver set
- Newly developed hand coated HEXACONE sandwich cone
- Ribbed phase plug made of die-cast aluminum
- Ventilated, extremely powerful NdFeB neodymium magnet system with optimized magnetic field symmetry and gloss-turned surfaces
- Voice-coil with 32 mm diameter on TIL vc-former, wound on former with copper round-wire
- Torsion-resistant, well-ventilated and flow-optimized die-cast aluminum basket
- Centering spider with high-strength, fully synthetic PAN/PMMA synthetic fiber
- Symmetrical 180° tinsel lead layout to counter cone rocking effects
- Development & production "Made in Germany"
- Scope of delivery: 2 x bass / midrange driver, 2 x adhesive ETON logo badge, made of aluminum

TECHNICAL DATA	HEX 165
Nominal power	90 W RMS
Music power	140 W
Impedance	4 ohms
Sound pressure level	87 dB
Outer diameter	165 mm
Mounting diameter	146 mm
Mounting depth	79.5 mm