

PRODUCT SPECIFICATIONS



Aequo Audio

www.aequoaudio.com

ADAMANTIS

SIZE | 116 x 52 x 42 cm (h x d x w)

WEIGHT | 100 kg per speaker

SENSITIVITY | 88dB at 4-ohm nominal

FREQUENCY RANGE | 20 Hz - 45 kHz (-3 dB in-room response)

IMPEDANCE | 4 ohms nominal (minimum impedance: 3 ohms)

DYNAMIC OUTPUT | Full range linearity-maintained stereo output SPL >116 dB @500W (250W per speaker).

RECOMMENDED AMPLIFIER POWER | Minimum of 20W at 4-ohms nominal. Recommended power >45W. Long term maximum power handling of 300W applies, but higher peak-power-capability is allowed. A 2 ohm-stable amp is highly recommended. For full dynamic capabilities, 300W at 3 ohms is a fine match (amp specced 200W at 4 ohms and 400W at 2 ohms).

ENCLOSURE | DILUVITE NANO-CAST-MMC™ + inserts of DILUVITE NANOCAST-PMC™ assembled with eleven high-strength/tension bolts. Multi-polymer finishing-panels. Totally resonance-free operation and perfect driver time alignment. Horn loaded 20 Hz reflex front-port close to floor.

HIGH-FREQUENCY | SF-TDR-40 EHDL™: Fully symmetric, super fast resolution, very low distortion and zero artificial ringing. A concentric special-fabric ring plus dome design for extended frequency bandwidth, special alloy dispersion cone on special alloy/carbon rod to eliminate high frequency irregularities, and fix the middle dome to eliminate membrane resonances.

MID-FREQUENCY | SF-MAP-5: Special-magnet design super fast resolution 5-inch meta-aramid coated paper pulp composite, closed-box, 3D-optimized enclosure.

LOW-FREQUENCY | SF-MA-10: Super fast resolution 10.5-inch (sub)woofer with mineral-coated alloy cone, very low distortion motor with heat resistant anodized voice-coil that can travel up to 50mm in a symmetric magnetic field for clean, impressive and taut dynamics at any listening level.

CROSSOVER | Fully passive low order filter slopes with super wideband phase alignment, made with high quality Danish and German components. Precision value air-coils made on order in a symmetric topology with only audiophile PP (super)-caps and low tolerance (super)-resistors. Crossover filter is placed in separate enclosure, free from sound and pressure waves.

ENSIUM

SIZE | 116 x 52 x 42 cm (h x d x w)

WEIGHT | 100 kg per speaker

SENSITIVITY | 90dB at 8-ohms nominal

FREQUENCY RANGE | 16 Hz - 45 kHz (-3 dB in-room response)

IMPEDANCE | 8 ohms nominal (minimum impedance: 6 ohms)

DYNAMIC OUTPUT | Max full range linear SPL depending ARPEC settings typically >116 dB

RECOMMENDED AMPLIFIER POWER | Minimum of 10/5W at 4/8-ohms nominal. Recommended power >30W. Long term maximum power handling of 200W, but higher peak-power is allowed.

ENCLOSURE | DILUVITE NANO-CAST-MMC™ + inserts of DILUVITE NANOCAST-PMC™ assembled with eleven high-strength/tension bolts. Multi-polymer finishing-panels. Totally resonance-free operation and perfect driver time alignment. Horn loaded 20 Hz reflex front-port close to floor.

HIGH-FREQUENCY | SF-TDR-40 EHDL™: Fully symmetric, super fast resolution, very low distortion and zero artificial ringing. A concentric special-fabric ring plus dome design for extended frequency bandwidth, special alloy dispersion cone on special alloy/carbon rod to eliminate high frequency irregularities, and fix the middle dome to eliminate membrane resonances.

MID-FREQUENCY | SF-MPP-5: Fully symmetric super fast 5-inch mineral-filled PP composite, closed-box, 3D-optimized enclosure.

LOW-FREQUENCY | SF-MA-10: Super fast resolution 10.5-inch (sub)woofer with mineral-coated alloy cone, very low distortion motor with heat resistant anodized voice-coil that can travel up to 50mm in a symmetric magnetic field for clean, impressive and taut dynamics at any listening level.

LF-ASSISTANT | Incoming full-range signal is used by the FULLY-ANALOG ARPEC™ system to add current/amperes to the input voltage for low/bass frequencies, as if playing with a >500W amplifier, while allowing optimization settings for room-size and placement. Without DSP or any digital component in the signal-line, ARPEC™ maintains perfect time and phase alignment and improves stereo time alignment in any room. Always pure and natural as if being a huge closed box speaker with a super-fast and very large woofer. Deep frequency/subsonic reach (16 Hz depending room and settings) to ensure optimal playback of cinema soundtracks, the taiko, cathedral-size organ music, etc.

CROSSOVER | Similar to Adamantis, matched perfectly with assisted LF.