

OMNI ⁻

Three way loudspeaker



A loudspeaker with a simple and timeless design.

Build using CNC machined solid cherry wooden parts.

Timeless designed to match any home interiors. Excellent components create a natural, spacious, full range, immersive sound stage that makes the loudspeaker disappear and let you forget that you are listening to a reproduction.

Woofer

A polypropylene cone and soft rubber edge optimised for long cone excursion and minimal self inductance, resulting in low distortion and great bass.

Tweeters

Front and back soft dome tweeters are designed with a similar philosophy in mind, resulting in exceptional high cone excursion, minimal distortion and a wide, smooth frequency range.

Specifications

Dimensions (cm): 98 x 21,4 x 25

Sensitivity: 86 dB

Frequency range: 30 hz-35 Khz

Impedance: 6 Ohm
Weight: 12 Kg

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Drivers

- 150 mm polypropylene woofer
- 26 mm soft dome front tweeter
- 21mm soft dome rear tweeter

Cabinet

- Solid cherry wooden
- Front reflection reduction foam
- Bassreflex tuned to 35 Hz

Crossover

- Audio grade polypropylene 1% capacitors
- Tweeters using solid Silver foil 1% capacitors
- Proprietary Air Core Litze coils
- Non inductive,1% resistors
- 2nd order tweeter filter
- 3rd order woofer filter
- Impedance corrections
- Front baffle correction filter

Omni-directional Crossover

The crossover filter is optimised to create an identical time delay between front tweeter and woofer.

The low crossover point ensures the sound is equally dispersed in all directions, as if the loudspeaker behaves like a point source.

The combination of a crossover tuned to the specific, spacial sound radiation of each speaker unit, together with a rear tweeter creates the typical naturally bright, open sound stage.

Finally, the crossover components are mounted on a special designed, double sided circuit board with ultra thick copper.

Bass reflex

Tuned to a low 35Hz, the backfiring oversized port excludes traditional port turbulence. Combined with the woofer it provides impressive, deep, effortless bass.

Cabinet

Beautifully crafted out of solid cherry wood, each panel is precision CNC machined.

The loudspeaker filter is located at the bottom in its own cabinet to prevent interference. Special, high density internal damping material contributes to the clean natural sound. The foamed rubber around the loudspeakers reduces sound reflection to accomplish the typical open sound. Solid terminals on a CNC machined aluminum plate complete the cabinet.