



lumenwhite

“white light anniversary” reference monitors

three-way system with proprietary lumen white port-, loading- and air-damping technologies

drivers, cabinet, crossover and components designed, selected and matched for best- in-class spectrum fidelity, impulse precision, time- and phase-coherence, inter-octave energy balance, signal rise- and settling times and freedom from impulse-memory and signal-shadowing effects.

cabinet constructed from custom made, variable density, multiple tone-woods, instrument-grade plywood. acoustically superior to synthetic, metal and most solid wood enclosures due to its more balanced resonance-spectrum behavior and natural, psycho-acoustic sonic signature. available in numerous premium veneers and custom lacquer finishes.

latest generation, custom designed, advanced ceramic and ceradome driver array :
one 1" ceramic or diamond tweeter, one 5" ceramic mid-range driver, three 7.5" ceradome woofers.
all drivers featuring 3d, ideal-acoustic-center dome-geometry optimized for negligible impulse-delay and energy-storage effects. best-in-class, sonically “vanishing” spectrum profile when compared to alternative metal, plastic, polymer- and compound membrane technologies.

novel, next-generation “overhung” motor topology, outperforming prior art, over- and under-hung designs, in high linear excursion at significantly reduced distortion when compared to previous ultra-low distortion driver generations and competing high-end transducer designs.

new, advanced, extended cone excursion spider- and surround technologies eliminate the compression artifacts found at the excursion perimeters in alternative designs.

crossover: purist, proprietary, minimal phase design with best resource allocation custom tailoring of both drivers and x-over to the target performance envelope. switchable impedance correction for tube- and solid state amplification.

specifications

frequency response

30 hz - 35 khz / -3 db

impedance: 6 ohm

sensitivity (1w/1m) 89 db (91db - average value)

recommended amplifier power 20 - 200 watt

wbt-nextgen bi-wire terminals

dimensions (h x w x d)

each 129x32,5x60,5 cm

weight, each 85 kg

shipping dimensions (h x w x d)

each 140x70x44 cm

shipping weight, each 110 kg

designed in switzerland

manufactured in the eu

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