

lumenwhite



**kyara**  
studio reference monitors

3-way reference monitors with proprietary lumen white driver-, 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 based, instrument-grade plywood. acoustically superior to synthetic, metal and most solid wood enclosures due to a superior, balanced resonance-spectrum and a natural, psycho-acoustically benign sonic signature.

available in numerous premium veneers and custom lacquer finishes.

latest generation, fully custom-designed, ceramic and ceradome driver array featuring lumen white proprietary motor- and voicecoil-technology.

all drivers featuring 3d, ideal-acoustic-center dome-geometry optimised for negligible impulse-delay and energy-storage effects.

class-leading, 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 technology. 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.

proprietary, 1st order, minimal phase design crossover. crossover and driver array custom tailored for synergistic, complementary resource allocation of the target performance envelope. switchable impedance correction for tube- and solid state amplification.

## **specifications**

one custom design 1" ceramic or diamond "cell" tweeter  
one proprietary "cell" 5" ceramic mid-range transducer,  
three 6,6" custom design "cell" ceradome woofers.

frequency response 26hz - 30 khz/-3db, impedance: 5 ohm  
sensitivity (1w/1m) 89,5 db (90,5 db - average value )  
recommended amplifier power 30 - 300 watt  
port adaptable to 26hz or 30hz for room matching

custom internal wire harness  
wbt-nextgen bi-wire terminals

dimensions (h x w x d) each 119 x 30 x 60 cm  
weight, each 60 kg  
shipping dimensions (h x w x d) each 137x 50x 84 cm  
shipping weight, each 105 kg

designed in switzerland  
manufactured in the eu

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we reserve the right to change product specifications without  
prior notice to enhance their quality and performance.  
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