



YG ACOUSTICS



SONJA 3.3

Our Reference range offers the very best that can be achieved in accuracy and musicality. We are honored that these models are some of the most awarded loudspeakers in the world. They combine advanced materials with cutting edge science and engineering. Designed without compromise, their singular aim is transporting listeners into the heart of the music.

Sonja 3.3 is a true, reference loudspeaker with the life-like, natural sound which is the hallmark of YG. Capable of delicate holographic imaging while still recreating concert scale audio, it is one of the very best loudspeakers in the world. With the revolutionary Lattice tweeter, twin BilletCore midrange drivers, twin BilletCore bass drivers and our innovative Ultra-coherent crossover, it combines astonishing sonic performance with fine engineering and craftsmanship.

The Reference speakers are structured from high-grade aerospace aluminum, machined in-house to an incredible precision. The speakers are meticulously hand-built by experts in our Colorado workshop.

The Reference 3 models include new technologies and design innovations based on novel theoretical models, detailed multi-domain simulations and thousands of hours of listening. The end result: loudspeakers which convey every nuance of emotion, each musical cue from the tiniest micro-detail to the visceral impact of the most thunderous crescendo.

An entirely new, hybrid Lattice tweeter uses a novel airframe in a specially-selected aerospace alloy, machined by YG Acoustics. It delivers exceptionally low distortion over a huge bandwidth, with wide angular dispersion to support a large sweet-spot.

Groundbreaking, third-generation Ultra-coherent crossovers apply a deep understanding from simulation to deliver performance never before possible.

Our BilletCore drivers use advanced motors and cones machined in-house from solid billet, offering some of the highest performance and lowest distortion in any driver available today.

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SPECIFICATIONS

SPEAKER TYPE

3-way passive floor-standing loudspeaker
Dual layer aerospace aluminum cabinet with constrained layer damping

DRIVERS

Lattice hybrid tweeter with advanced airframe
Dual 15 cm (6") BilletCore driver with advanced neodymium motor magnets
Dual 26 cm (10.25") BilletCore driver with ultra-high field strength motors

CROSSOVER

Ultracoherent crossovers at 90 Hz and 1.85 kHz
Exceptional phase alignment: $\pm 5^\circ$ relative phase over range where driver relative output is within 20 dB
Optimized for frequency response, phase alignment, phase slope and transient response
Custom capacitors, including pure metal foil models
Exceptional components such as manganin foil resistors, resonance-damped inductors, silver gold alloy capacitors and OFC copper ribbon inductors
Custom, anti-resonance PCB with low dielectric constant and dissipation factor, with computationally optimized layouts minimizing component interactions

RESPONSE

Usable output extends from below 20 Hz to 40 kHz
Exceptionally low distortion throughout range
Excellent pair matching

SENSITIVITY

88 dB

IMPEDANCE

4 Ohms average
2.8 Ohms minimum

DIMENSIONS

179 × 43 × 72 cm (H × W × D)
70 × 17 × 28" (H × W × D)

WEIGHT

225 kg per speaker unpackaged
495 lbs per speaker unpackaged

FINISHES

Standard finishes are silver and black
Please contact your dealer for other finish options

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Founded in 2002, YG Acoustics is recognized as one of the leading manufacturers in the high-end audio industry. Everyone at YG loves music and our loudspeakers reflect our passion. They provide the most accurate, most musical performance possible today.

Our drive to recreate the emotional magic of a live performance constantly inspires us to push the boundaries of audio technology. Over the years, our journey has led us to many proprietary innovations in design, materials and manufacturing.

More importantly, our speakers provide the clearest of windows into the performance. They communicate every nuance of emotion, every musical cue from the tiniest micro-detail through to the physical impact of the most thunderous crescendo. At YG we are lucky enough to hear our speakers every day. They can bring tears to our eyes or leave us with ear-to-ear grins that last the whole day. We hope you like them as much as we do.

Please note that at YG we are constantly updating our products. All specifications and finishes are indicative and subject to change.