



YG ACOUSTICS



XV STUDIO 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.

XV Studio 3 is an extreme, four-tower loudspeaker system which will redefine what you think is possible: the finest microdetails placed exactly in a broad and deep holographic audio space; unmatched scale and faultless timing. XV Studio 3 is an entirely new sonic benchmark. With the revolutionary Lattice tweeter, seven BilletCore drivers and our most extreme implementation of the Ultracoherent crossover, it is an acoustic, scientific and engineering marvel.

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

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.

The dual 15 cm (6") midrange, triple 18.5 cm (7.25") midbass and dual 26 cm (10.25") bass drivers use advanced motors and YG proprietary aluminum cones, delivering industry-leading performance.

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

SPECIFICATIONS

SPEAKER TYPE

4-way passive floor-standing loudspeaker
Four tower, three-layer, aerospace aluminum cabinet with constrained layer damping

DRIVERS

26 mm (1") proprietary YG Lattice hybrid tweeter
Dual 15 cm (6") proprietary YG aluminum cone midrange drivers with neodymium motor magnets
Triple 18.5 cm (7.25") proprietary YG aluminum cone midbass drivers with neodymium motor magnets
Dual 26 cm (10.25") proprietary YG aluminum cone bass driver with ultra-high field strength motors

CROSSOVER

Ultracoherent crossovers at 90 Hz, 360 Hz and 1.85 kHz
Optimized for frequency response, phase alignment, phase slope and transient response
Custom capacitors, including pure metal foil models
Exceptional components such as foil resistors, resonance-damped inductors, copper foil 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
3 Ohms minimum

DIMENSIONS

Main towers:
129 × 33 × 63 cm (51 × 13 × 25") H × W × D
Bass towers:
129 × 37 × 63 cm (51 × 13 × 25") H × W × D

WEIGHT

145 kg (320 lbs) per main tower unpacked
135 kg (297 lbs) per bass tower unpacked

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.