



YG ACOUSTICS



XV 3 *signature*

XV 3 is the flagship of the Reference range. It is an extreme, four-tower loudspeaker system which will redefine what you think is possible: the finest micro-details placed exactly in a broad and deep holographic audio space; unmatched scale and faultless timing.

XV 3 Signature is a limited edition of just eight pairs pushing that performance yet further, demonstrating an exercise in obsessive perfection. Painstakingly built and tuned at our R&D facility, XV 3 Signature is so extreme that it was never intended to enter production, and its origins help explain its truly exceptional nature.

At YG we always maintain a technology demonstrator: a loudspeaker to push the boundaries of what is possible, and XV 3 was the natural choice. Two sets of innovations led to a step change in performance—significant even beyond our greatest expectations.

The first was a discovery in capacitor design: a special copper alloy foil with a unique crystal structure and an innovative, advanced dielectric, delivering performance which surpassed anything we had heard.

The challenge: a manufacturing process so demanding that we are years from commercial production.

The second was an experiment in perfection down to the very finest scale. Every component in our loudspeakers is already built to exceptionally tight specifications. Yet there is always some tiny variation, some hint of entropy at the edge of measurability. We aimed to eliminate that as far as we could, pushing as close as possible to the theoretical optimum.

XV 3 Signature starts with the very closest matched components, selected from hundreds of candidates through detailed measurement. Then, over many weeks of iterative measurement, modeling and listening, we optimize every aspect of performance. The crossovers are tuned using custom components: tiny deltas, each a fraction of a percent, but to exactly the perfect value for that speaker. Even the cabinet panel profiles may be subtly modified if required. Small changes, yet together, the result is incredible.

The result is the XV 3 Signature.

SPECIFICATIONS

A limited edition, tuned by the YG R&D team using specially-selected components, and tuned over many weeks with crossover and cabinet panel changes optimal for that speaker. Each has a jewelry gold-plated trapezoid and dedication plate, and is available in a wide range of custom finishes.

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, exceptional matching
Triple 18.5 cm (7.25") proprietary YG aluminum cone midbass drivers with neodymium motor magnets, exceptional matching
Quad 26 cm (10.25") proprietary YG aluminum cone bass drivers with ultra-high field strength motors, exceptional matching

CROSSOVER

Ultracoherent crossovers at 90 Hz, 360 Hz and 1.85 kHz
Custom components unique to each pair, individually optimized for frequency response, phase alignment, phase slope and transient response
Custom capacitors, including pure metal foil models and copper alloy foil models
Exceptional components such as 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

RESPONSE

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

SENSITIVITY

88 dB

IMPEDANCE

4 Ohms average
3 Ohms minimum

DIMENSIONS

Main towers:
179 × 43 × 72 cm (70 × 17 × 28") H × W × D
Bass towers:
179 × 47 × 72 cm (70 × 18.5 × 28") H × W × D

WEIGHT

225 kg (495 lbs) per main tower unpacked
188 kg (414 lbs) per bass tower unpacked

FINISHES

A wide range of custom anodized finishes available, with finishes selectable separately for each panel and ring

YG ACOUSTICS

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.