


# VANTAGE™



*Vantage™ in Silver*



 YG ACOUSTICS™



## DESCRIPTION

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Vantage™ is a compact three-way speaker which bridges the gap between Carmel™ 2 and Hailey™ 2 and delivers the life-like natural sound listeners have come to expect from YG Acoustics™. Vantage incorporates seven key YG Acoustics technologies, along with the same quality of materials and precision-manufacturing processes utilized in our flagship, Sonja™ XV. This results in a transducer which widens the opportunity for discerning music lovers to enjoy the sonic hallmarks of YG Acoustics' industry leading Hailey 2, at a more accessible price. Vantage - astonishing world-class performance in a gorgeous marvel of industrial design. Spectacular sonics, timelessly elegant form...precision-crafted in the USA.

The woofer and mid-woofer units are manufactured in-house using YG Acoustics' proprietary **BilletCore™** technology: the drivers are precisely CNC-machined out of massive slabs of aircraft-grade aluminum.

This unique process offers overwhelmingly superior dynamics, musical delicacy and low distortion due to industry-leading rigidity and accuracy (tight tolerances). Vantage features a remarkably lightweight 7.25" (18.5 cm) mid-woofer and 9" (22.5 cm) woofer driver offering phenomenal strength-to-weight ratio.

Vantage's bass crossover uses technology originally introduced in Sonja XV. The **ViseCoil™** inductors are CNC-wound in-house and then encased in a vise-like milled structure, to eliminate vibration and tighten tolerances. Residual loss is reduced by 24% and linearity is improved by 60% resulting in better control over the woofers, far greater bass impact and an easier job for most amplifiers.

The tweeter incorporates YG Acoustics' ingenious **ForgeCore™** system: in-house CNC-cutting introduces sophisticated 3D geometries into the magnet system. The resulting improvement is greatly reduced distortion and a sense of ease to the sound.

YG Acoustics crossover circuits are all created using proprietary software developed entirely in-house. **DualCoherent™** technology provides the best frequency response *and* relative phase available. Competing speakers are optimized in either frequency domain (most common) or time domain. Only YG Acoustics has the ability to optimize *both* domains simultaneously.

Vantage's crossover uses **ToroAir™** technology: in-house CNC-wound toroidal air-core inductors are unique in eliminating cross-talk (cross-contamination) common in crossover circuits. The result is preservation of high-frequency detail without harshness, brightness or sibilance.

Vantage's exquisite **Cabinet** combines visual refinement with over-engineering. It is constructed of precision CNC-machined aircraft-grade aluminum alloy. This material, using vibration-free pressurized assembly, allows for the most acoustically desirable enclosures achievable. The structure is optimized for each module's specific frequency range. This ensures freedom from vibration, even at very high-volume levels.

**FocusedElimination™** anti-resonance technology keeps mechanical losses lower than any competing speaker, by combining the minimized turbulence of a sealed design with the low friction otherwise associated with enclosure-free concepts.

YG Acoustics speakers are not voiced. All measurements are verified using extensive listening tests, but the speakers are not artificially manipulated. YG Acoustics speakers simply convey the recording – nothing more, nothing less. The end-result: Vantage is a champion of transparency, 3D-soundstaging, dynamics, inner-detail, and the natural sound of a live performance that YG Acoustics is famous for. This is all presented in a refined, elegant speaker with an exquisite fit-and-finish that is a showpiece of the world's finest listening environments.

## CONFIGURATIONS

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Vantage, in addition to its state-of-the-art two-channel (stereo) performance, is also fully compatible with multichannel audio and home-theater systems. Vantage can also be combined with speakers from YG Acoustics' other lines for properly phase-coherent multichannel systems.



# TECHNICAL SPECIFICATIONS

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## DEVIATION

±2 dB in the audible band

±5° relative phase throughout entire overlap

Exceptional pair-matching

Usable output extends from 26 Hz to above 40 kHz

## DRIVERS

BilletCore ultra-high-rigidity woofer and mid-woofer

ForgeCore ultra-low distortion tweeter

## FILTERS

Vantage is fully-passive

Proprietary DualCoherent crossover at 65 Hz and 1.75 kHz

Designed using software developed in-house

ViseCoil bass inductors reduce residual loss and improve linearity for greater bass impact and an easier job for most amplifiers

ToroAir inductors eliminate cross-talk

## SENSITIVITY

87 dB / 2.83 V / 1 m 2π anechoic

## IMPEDANCE

4Ω nominal, 3Ω minimum

## DIMENSIONS

112x32x54 cm (44x13x21") HxWxD

## WEIGHT

72 kg (159 lbs) per channel unpackaged

*Please contact YG Acoustics for more information.*



*Vantage™ in Black*

*YG Acoustics constantly strives to update and improve existing products as well as create new products and technologies. Therefore, specifications and construction details are subject to change without notice.*

## PRECISION CRAFTED IN THE USA

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### YG Acoustics, LLC

4941 Allison St. #12, Arvada, CO 80002, USA

+1-303-420-9120 | [info@yg-acoustics.com](mailto:info@yg-acoustics.com)

[yg-acoustics.com](http://yg-acoustics.com)