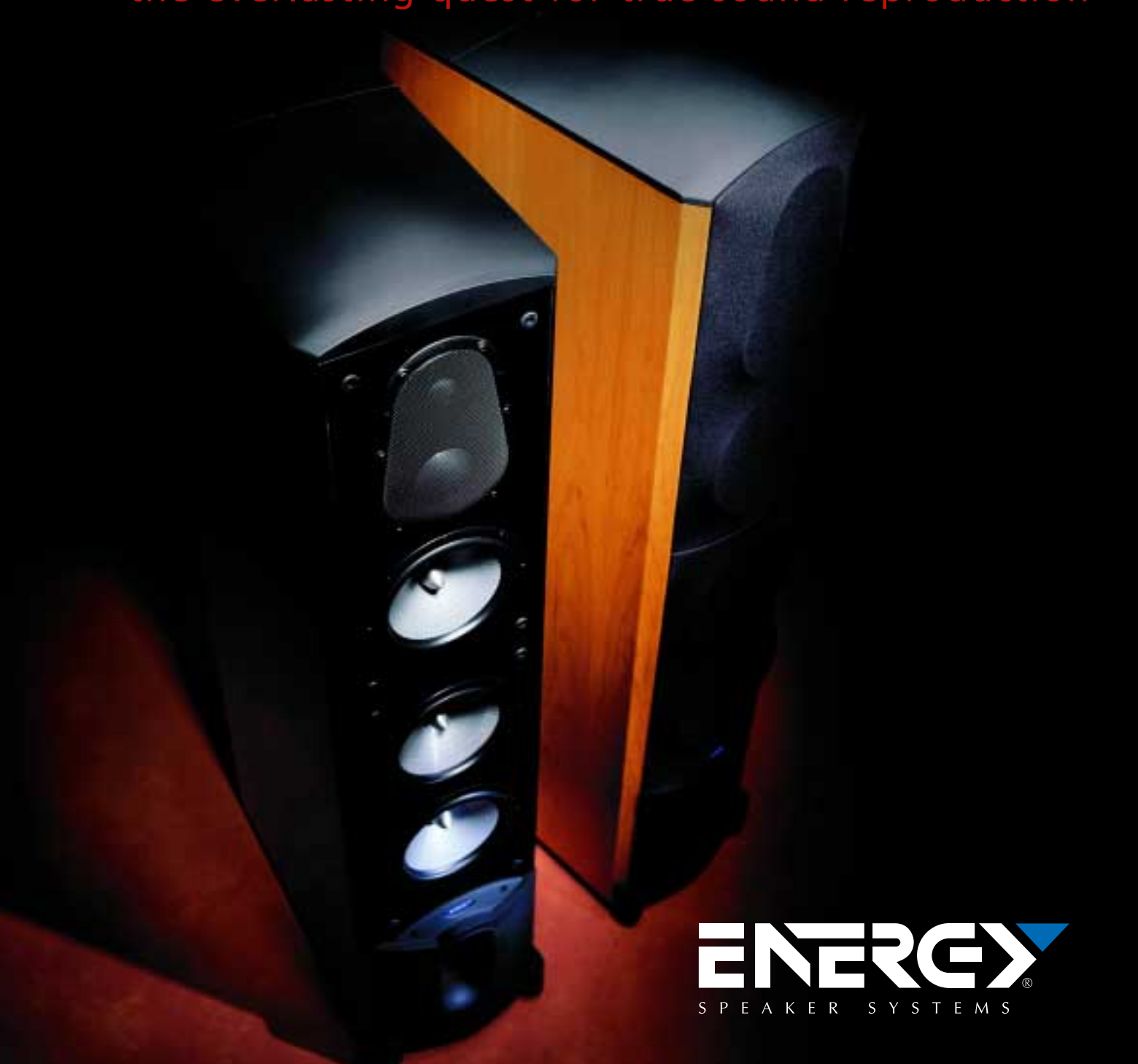


# veritas™

the everlasting quest for true sound reproduction



**ENERGY**  
S P E A K E R S Y S T E M S

# the ultimate

“Our mission at Energy has always been to develop a speaker system that reproduces sound so accurately, that the listener forgets that it is actually a speaker that’s responsible for the performance.”

*John Tchilinguirian , Chief Designer, Veritas Design Team*





# quest


## The Ultimate Quest

Energy's quest to engineer speaker systems that enable you to truly experience what you're listening to has extensive history.

Through decades of tireless research & development, constant measurement and listening and the accumulation of key technological breakthroughs, Energy has committed to achieving faithful performance based on the presence of three specific elements:

- Flat On-Axis Frequency Response with Wide Bandwidth
- Wide and Constant Dispersion
- Low Distortion & Resonance

Introducing the new Energy Veritas series, the ultimate expression of the Energy design philosophy.



There's only one true measure of any speaker system.

*Performance.*



## behind the scenes

All Energy products continually push the envelope of speaker system design and technology. Energy designers are some of the most talented and dedicated engineers in the industry and have spent decades analyzing, experimenting and developing new technologies that achieve a better listening experience for you.

*Explore the technology...*



## Creative Logic

Energy has dedicated years of passionate research to the development of countless innovative technological discoveries. This commitment has culminated in the engineering of the new Energy Veritas – a speaker system that truly expands the existing frontiers of sonic truth.

The new Energy Veritas family has eliminated virtually every potential limitation imposed by distortion, resonance and heat build-up by using one of man's truly underrated tools... Creative Logic.



# creative logic

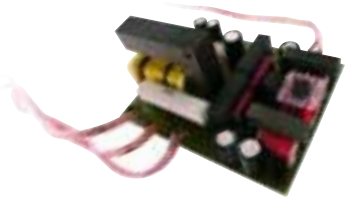


tweeter crossover

### Energy Veritas Crossovers

Energy is an industry pioneer in the research and innovation of crossovers, having benefited from over 20 years of experience in designing the robust tweeters required to handle the additional power of early crossovers.

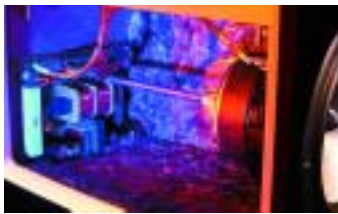
- Energy Veritas speaker systems crossover at 2kHz instead of standard 4kHz – providing a demonstrable increase in wide dispersion.



tapered crossover

### Tapered Crossover System

- Energy Veritas V2.3, V2.4 and V2.0C contain multiple Dual-Hyperdrive woofers for improved transient response.
- In the Energy Veritas *Tapered Crossover System*, one woofer is dedicated to reproducing the critical midrange frequencies, eliminating the potential for dispersion inconsistencies and resulting in improved imaging accuracy, flat response and drastically improved wide and constant dispersion.



dovetail panel

### Cabinet

- The *360° Veritas Bracing System (VBS)* consists of a special dovetail panel sealing system, a unique, rear-fastened thread-through pole and a coupling nut, which, when tightened, generate uniform, air-tight pressure all around the perimeter of the cabinet, providing added stiffness and significantly reduced distortion.
- All Energy Veritas cabinets are crafted from a high grade Micro Density Fiberboard formula that provides added strength and stiffness, deepens bass response and reduces distortion and resonance.
- An injection-molded resin basket is used to stifle woofer vibration before it reaches the cabinet; also, a rubber O-ring is placed strategically between the basket and the cabinet for further damping, and the coupling nut is lined with a vibration-deadening rubber grommet to eliminate resonance.



### Dual-Hyperdrive Woofer



#### Dual Voice Coil

The utilization of two voice coils wound in opposite directions – situated in their own magnetic gaps – operate in tandem to provide symmetrical in-and-out forces, thus drastically reducing distortion levels



#### Cone

The Energy Veritas cone material composition is a special formula containing ideal weight, stiffness and damping properties, and its revolutionary flat facet design allows for progressive cone decoupling, thereby significantly controlling resonance



#### Surround

The surround's additional rubber fortification where it meets the cone's edge provides added stiffness and damping to further deaden breakup that travels up from the cone – all of which combines to provide constantly flat on-axis frequency response



#### Phase Plug & Pole Piece

A solid aluminum Phase Plug eliminates distortion that would be caused by a dust cap. It also dissipates heat from the top of the voice coil, and the driver's rear has a 'finned' design that acts as a heat sink for further heat dissipation from the dual voice coil

# technology

## Convergent Source Module



The Convergent Source Module (CSM) is a tweeter / midrange transducer that covers a range of 550Hz to 20kHz – including the most sensitive range of human hearing – and acts as a single point source for high and mid-frequencies with extremely wide and even dispersion



The individually chambered CSM system lowers resonance properties and is specially designed with a rear peak that eliminates unwanted sound waves. Sound absorbing insulation filler material also aids in damping, which lowers distortion.



CSM domes are crafted with lightweight aluminum to provide added strength and better power handling. The two domes are identical in all properties except size, and since acoustic characteristics are similar between the two, the result is improved power handling and transient response, and wide and constant dispersion.

**Introducing a home theater speaker system that adapts its performance to suit your room configuration and preferences...**

The V2.0R Surrounds and V2.0C Center Channel are timbre matched to the entire new Energy Veritas Series and were designed with the same outstanding technological components as the bookshelf and floorstanding models plus a couple more.

Aesthetically attractive and versatile, the hand-crafted Energy Veritas Home Theater Speaker System distributes superb sound evenly throughout the entire listening area, so you can enjoy the experience no matter where you sit.

It's time to stop watching movies. Start experiencing them.

**Energy Veritas V2.0C – Tapered Crossover System**

The Energy Tapered Crossover System works similarly to the V2.3 and V2.4 Energy Veritas models, where bass frequencies are progressively tapered through the multiple Dual-Hyperdrive woofers.

In the V2.0C, both Dual-Hyperdrive woofers produce bass frequencies and the tweeter handles high frequencies. One woofer is dedicated to reproducing the critical midrange frequencies, eliminating the potential for dispersion inconsistencies caused by multiple drivers handling identical frequency ranges.

The result is improved imaging accuracy, flat response over a very wide horizontal plane, and drastically improved wide and constant dispersion.



## Energy Veritas V2.0R – Soundfield Management System

In a home theater environment, room limitations, poor dimensions and furniture placement can result in less than optimal placement of the crucial rear channels – ultimately resulting in poor imaging and undesirable performance.

The Energy Veritas V2.0R rear channels are equipped with the exclusive *Soundfield Management System*, a unique combination of a two-way, front-mounted driver and two specially designed side-mounted midrange drivers controlled by the Energy Veritas Level Control. This revolutionary system adjusts the direct to reflected ratio of sound, which

allows you to easily and accurately dial in the best performance for your specific listening room conditions.

The benefits of the V2.0R are many. Flexible placement options, customizable speaker configurations and more of the incredible performance quality you've come to expect from Energy.



# specifications



## V2.1 Bookshelf

Speaker System: 2-way Bass Reflex, Rear Vented  
Recommended Amplifier Power: up to 100 watts  
Impedance: 8 ohm nominal  
Minimum Impedance: 4 ohm  
Frequency Response: 45-20,000Hz +/-3dB  
Usable Bass Response -10dB Anechoic @ 39Hz  
Sensitivity: 2 speakers in a typical room: 89dB  
Crossover Point: 1.8kHz  
Operating Range: Tweeter: 1.8kHz and >,  
Woofers: ~ to 1.8kHz

Components: 1" Aluminum Dome Tweeter, 1-6-1/2"

Dual-Hyperdrive Woofer

Overall Dimensions: H - 15-5/8" / 39.7cm, D - 13-1/4" / 33.6cm,

W - 8-3/4" / 22.2cm

Cabinet Finishes: Cherry Veneer w/ black, High Gloss Black w/ black

Shipping Weight: 55lbs. / 24.75kg (dual)

Accessories: Rubber Bumpers. Dedicated stands sold separately.



## V2.4 Floorstanding

Speaker System: Tapered 5-way Bass Reflex,  
Front & Rear Vented  
Recommended Amplifier Power: up to 250 watts  
Impedance: 8 ohm nominal  
Minimum Impedance: 4 ohm  
Frequency Response: 30-20,000Hz +/- 3dB  
Usable Bass Response -10dB Anechoic @ 25Hz  
Sensitivity: 2 speakers in a typical room: 90dB  
Crossover Points: 150Hz, 300Hz, 550Hz, 2.0kHz  
Operating Range: Tweeter: 2.0kHz and >,  
Midrange: 550Hz-2.0kHz,

Woofers: ~ to 550Hz, Woofers: ~ to 300Hz, Woofers: ~ to 150Hz

Components: 1" Aluminum Dome Tweeter, 2" Aluminum Dome Midrange,  
3-6-1/2" Dual-Hyperdrive Woofers

Overall Dimensions: H - 46" / 116.8cm, D - 18-1/8" / 46cm, W - 8-3/4" / 22.2cm

Cabinet Finishes: Cherry Veneer w/ black, High Gloss Black w/ black

Shipping Weight: 95lbs. / 42.7kg

Accessories: Spike Kit, Rubber Bumpers



## V2.2 Bookshelf

Speaker System: 3-way Bass Reflex, Rear Vented  
Recommended Amplifier Power: up to 150 watts  
Impedance: 8 ohm nominal  
Minimum Impedance: 4 ohm  
Frequency Response: 40-20,000Hz +/- 3dB  
Usable Bass Response -10dB Anechoic @ 35Hz  
Sensitivity: 2 speakers in a typical room: 89dB  
Crossover Points: 550Hz, 2.0kHz  
Operating Range: Tweeter: 2.0kHz and >,  
Midrange: 550Hz-2.0kHz, Woofers: ~ to 550Hz  
Components: 1" Aluminum Dome Tweeter, 2" Aluminum

Dome Midrange, 1-6-1/2" Dual-Hyperdrive Woofer

Overall Dimensions: H - 18-1/2" / 47cm, D - 13-1/4" / 33.6cm,

W - 8-3/4" / 22.2cm

Cabinet Finishes: Cherry Veneer w/ black, High Gloss Black w/ black

Shipping Weight: 69lbs. / 31kg (dual)

Accessories: Rubber Bumpers. Dedicated stands sold separately.



## V2.0C Center Channel

Speaker System: Tapered 3-way Bass Reflex, Rear Vented  
Recommended Amplifier Power: up to 150 watts  
Impedance: 8 ohm nominal  
Minimum Impedance: 4 ohm  
Frequency Response: 45-20,000Hz +/- 3dB  
Usable Bass Response -10dB Anechoic @ 40Hz

Sensitivity: 2 speakers in a typical room: 90dB

Crossover Points: 1.8kHz

Operating Range: Tweeter: 1.8kHz and >, Woofers: ~ to 1.8kHz

Components: 1" Aluminum Dome Tweeter, 2-6-1/2"

Dual-Hyperdrive Woofers

Overall Dimensions: H - 9-1/8" / 23.2cm, D - 13-1/8" / 33.3cm,

W - 23" / 58.4cm

Cabinet Finishes: Cherry Veneer w/ black, High Gloss Black w/ black

Shipping Weight: 39lbs. / 17.5kg

Accessories: Rubber Bumpers



## V2.3 Floorstanding

Speaker System: Tapered 4-way Bass Reflex, Front Vented  
Recommended Amplifier Power: up to 200 watts  
Impedance: 8 ohm nominal  
Minimum Impedance: 4 ohm  
Frequency Response: 35-20,000Hz +/- 3dB  
Usable Bass Response -10dB Anechoic @ 29Hz  
Sensitivity: 2 speakers in a typical room: 90dB  
Crossover Points: 300Hz, 550Hz, 2.0kHz  
Operating Range: Tweeter: 2.0kHz and >,  
Midrange: 550Hz-2.0kHz,

Woofers: ~ to 550Hz, Woofers: ~ to 300Hz,

Components: 1" Aluminum Dome Tweeter, 2" Aluminum Dome Midrange,  
2-6-1/2" Dual-Hyperdrive Woofers

Overall Dimensions: H - 40-3/4" / 103.5cm, D - 14-1/16" / 35.7cm,

W - 8-3/4" / 22.2cm

Cabinet Finishes: Cherry Veneer w/ black, High Gloss Black w/ black

Shipping Weight: 68lbs. / 30.6kg

Accessories: Spike Kit, Rubber Bumpers



## V2.0R Rear Channel

Speaker System: Acoustic Suspension  
Recommended Amplifier Power: up to 100 watts  
Impedance: 8 ohm nominal  
Minimum Impedance: 4 ohm  
Frequency Response: 70-20,000Hz +/- 3dB  
Usable Bass Response -10dB Anechoic @ 46Hz

Sensitivity: 2 speakers in a typical room: 89dB

Crossover Point: 1.8kHz

Operating Range: Tweeter: 1.8kHz and >, Woofers: ~ to 1.8kHz,

Mid-band: 200Hz - 10kHz

Components: 1" Aluminum Dome Tweeter, 2-3" Mid-Band Fill Drivers,  
1-6-1/2" Dual-Hyperdrive Woofer

Overall Dimensions: H - 14-1/2" / 36.8cm, D - 7-1/8" / 18.1cm,

W - 13" / 33cm

Cabinet Finishes: High Gloss Black with Reversible Trim Panels

Shipping Weight: 38lbs. / 17.1kg (dual)

Accessories: Two Reversible Trim Panels