

THIEL CS2.4

Coherent Source® Loudspeaker

"The THIEL CS2.4 is simply superb."
— Shane Buettner
Audio Perfectionist Journal

"Any audiophile worthy of the name
needs to hear the CS2.4."
— Neil Gader
The Absolute Sound

"... the CS2.4 is the most accomplished
speaker I've ever heard in its class."
— the late John Potis
6 Moons

"It commits itself to music as an acolyte
commits himself to a religion, which
is to say without restraint."
— Wes Phillips
Stereophile

- Very high performance sound from a medium-sized, 3-way loudspeaker
- Completely time and phase coherent provides greater realism for both music and movies
- Ultra-low distortion short-coil, long gap, copper-stabilized driver motor systems
- Uniform, resistive load improves performance when used with lower power amplifiers
- Beautiful cabinetry, available in a variety of finishes, integrates well into any room.



www.thielaudio.com

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The CS2.4 is the result of THIEL's 25 years of extensive experience in designing high performance loudspeakers for home music and video sound systems. Since 1977, THIEL's innovative engineering has led to significant sonic improvements in each new model, resulting in speakers with the most outstanding performance in their class.

All metal diaphragms, coincident driver array

The CS2.4's most innovative design feature is the coincident 1-inch tweeter/3.5-inch midrange driver where the two drivers' diaphragms share the same voice coil. This technique allows for the elimination of the midrange/tweeter section of the electrical crossover network as the drivers incorporate a mechanical crossover, and it eliminates the need for two driver magnet structures which allows the CS2.4 to achieve a level of sonic performance normally reserved for more expensive speakers. The coincident array also uses very powerful neodymium magnets to improve efficiency and a redesigned magnet venting system to reduce unwanted resonances.

The CS2.4's 8-inch woofer uses a very low distortion short coil/long gap motor system powered by a 2.5 pound magnet. The rigid aluminum diaphragm eliminates resonance coloration, a special copper pole sleeve reduces inductance distortion, and a heavy copper ring maintains an ultra-stable magnetic field. In combination with the 7.5 x 11-inch bass radiator, the woofer produces exceptionally clean bass down to 33Hz.

Time and phase correct Coherent Source® design

As with all THIEL loudspeakers, the CS2.4 is completely time and phase coherent for great sonic realism. THIEL's Coherent Source® technology eliminates both time and phase distortions that cause alterations in the reproduced musical waveforms of most loudspeakers resulting in enhanced realism, clarity, transparency, and immediacy, as well as improved imaging and soundstaging in both the lateral and depth perspectives.

Completely phase accurate transitions between drivers is accomplished by utilizing a sophisticated first-order electrical crossover system in conjunction with unusually wide bandwidth drivers. The network utilizes polypropylene and custom-made polystyrene capacitors and low-oxygen copper, air-core inductors for very low distortion.

Time coherence in the CS2.4 is achieved by coincident tweeter/midrange driver mounting and the placement of the drivers on a baffle that is sloped at the correct angle so the sound energy from each reaches the listener at the same time.

Unique, robust cabinet construction

The CS2.4 cabinet is available in a wide variety of exquisite, real-wood finishes finely crafted to enhance any home environment. We also offer custom stain to match your existing cabinetry or furniture. The cabinet is built with a 3-inch thick front baffle, 1-inch thick cabinet walls, and internal bracing for extreme rigidity to reduce unwanted vibration, improving clarity and spatial performance. The baffle's rounded edges reduce diffraction effects for improved tonal, spatial, and transient performance, and its sloped front correctly time aligns the tweeter with the woofer.

Specifications

Bandwidth (-3 dB): 33 Hz-37 kHz	Impedance: 4 ohm (3 ohm min)
Amplitude response: 36 Hz - 25 kHz ±2 dB	Recommended power: 100 - 400 watts
Phase response: minimum ± 10°	Size (w x d x h): 11 x 14 x 41.5 in
Sensitivity (2.8v - 1m): 87 dB	Weight: 70 lb.

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www.thielaudio.com



Coincidentally mounted
tweeter and midrange



8-inch woofer and
7.5 x 11-inch bass radiator



Optional Outriggers are
available for the CS2.4