

30th Anniversary Signature Edition

THIEL CS2.4SE

Coherent Source®

High Resolution

Loudspeaker





The THIEL CS2.4 has been the loudspeaker of choice for thousands of audiophiles worldwide. A masterful achievement born from innovative engineering that gratifies discerning music lovers with its remarkable combination of sonic quality and unmatched value, the CS2.4 has been praised by both audio critics and enthusiasts since its unveiling over five years ago. Launching this landmark product to an absolute apex, THIEL proudly introduces the CS2.4SE (Signature Edition).

Only 150 pairs of this Signature Edition model will ever be produced. Each pair is carefully constructed and engineered to reproduce sound with unmatched precision, balance and detail to provide you with a great deal of musical enjoyment for many years.

A handwritten signature in black ink that reads "Jim Thiel".



With your purchase of a pair of THIEL CS2.4SEs, you will receive this Certificate of Ownership, ready for you to frame and proudly display.



Not Just Another Pretty Face

Not satisfied to ennoble the CS2.4SE on musical merits alone, THIEL's master craftsmen have massaged our finest hand-selected Birdseye Maple using a deep red stain formulated specifically for the CS2.4SE. We call this captivating finish Vermilion Maple, a rich and luminous finish boasting deep, dimensional grain with an elegant hue top to bottom. A beveled groove between the sleekly sculpted satin black baffle and the cabinet walls further denotes the Signature Edition. Other adornments include stainless steel hardware securing the drivers to the baffle, as well as a high contrast THIEL logo in bright chrome relief at the base of each enclosure. For maximum stability, burly milled aluminum outriggers and highly polished stabilizer spikes are included with each pair of CS2.4SEs.



Autograph Please

As a final touch, each CS2.4SE bears the mark of its maker — Jim Thiel's signature is laser-etched to an aluminum plate featured prominently on the cabinet's back panel. The Signature Edition CS2.4SE represents the ultimate fine-tuning of an already legendary loudspeaker—delivering both uncharted musicality and timeless beauty in a loudspeaker for the ages.



The Finest Refinements

The standard CS2.4 crossover network employs a carefully chosen complement of very high quality polypropylene and custom-made polystyrene capacitors. For the Signature Edition, THIEL has painstakingly selected ultra-fine grade boutique capacitors, a cost-no-object approach to crossover design with magnificent results; The THIEL CS2.4SE reproduces the musical spectrum with stratospheric precision, balance, and detail that can only be summarized as an exquisite degree of refinement.

THIEL CS2.4SE Features and Benefits

Completely Time and Phase Coherent

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

Phase coherence is achieved by utilizing a sophisticated first-order electrical crossover system in conjunction with unusually wide bandwidth drivers. Time coherence in the CS2.4SE 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.

All-metal diaphragm drivers

The CS2.4SE is a three-way system incorporating all THIEL-designed and built metal diaphragm drivers—a 1-inch dome tweeter, 3.5-inch midrange driver, and 8-inch woofer—along with a 7.5 x 11-inch passive radiator. Metal diaphragms provide much higher stiffness which eliminates diaphragm resonances in the operating range for very clear and open reproduction.

The CS2.4SE drivers also use unusual short coil/long gap, copper-stabilized motor systems to dramatically reduce distortion. Coupled with the low resonance diaphragms and very high quality electrical network components, a very high level of clarity and tonal accuracy is achieved.

Cabinet construction

The CS2.4SE 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.



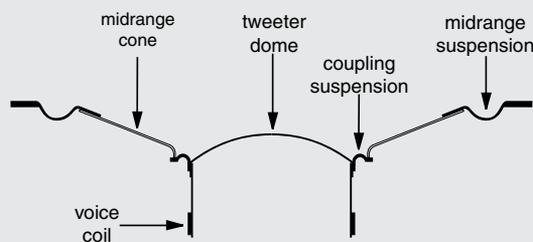
CS2.4SE Specifications:

Bandwidth (-3 dB): 33 Hz-37 kHz **Amplitude Response:** 36 Hz-25 kHz ±2 dB

Phase Response: Minimum ±10° **Sensitivity:** 87 dB@2.8 V-1m **Impedance:** 4 ohms (3.0 ohms minimum)

Recommended Power: 100-400 watts **Size:** 11" W x 14" D x 41.5" H **Weight:** 70 pounds

HOW IT WORKS: The CS2.4SE's Innovative Tweeter/Midrange Driver Array



The CS2.4SE tweeter/midrange drivers are mounted coincidentally and share the same voice coil. The mechanical crossover is implemented by the coupling suspension between the two diaphragms. By eliminating the high frequency electrical crossover network and the second driver magnet, the CS2.4SE achieves a level of sonic performance normally reserved for more expensive speakers. The coincident driver mounting results in perfect time coherence between the tweeter and midrange drivers for improved imaging and clarity, regardless of listener position.



THIEL Loudspeakers

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