

# THIEL CS3.7

## Coherent Source® Loudspeaker

### Introductory Information

The new CS3.7 is 3-way, floor standing speaker that utilizes all newly developed drivers. A very high output 1-inch tweeter is coincidentally mounted in the center of a 5-inch midrange that incorporates a new ribbed diaphragm geometry. The 10-inch woofer's output is augmented by an auxiliary bass radiator.

The CS3.7 utilizes new driver diaphragm technology that allows unprecedented purity and sweetness of midrange reproduction. The entire sonic spectrum is completely uncolored by any resonances, ringing, or energy storage from either the midrange or tweeter diaphragms!

Combining these diaphragms with advancements in cabinet design and all the other fundamental innovations previously developed by THIEL, the CS3.7 provides, in our opinion, the most pure and accurately natural reproduction available.

#### Innovations in the CS3.7

- New, innovative ribbed midrange diaphragm geometry that both eliminates audible resonances and greatly reduces diffraction and reflection of the tweeter's output.
- Cabinet top made of formed aluminum that reduces cabinet resonances, reduces diffraction, and reduces internal standing waves.
- New woofer diaphragm geometry increases strength for wider bandwidth and reduces weight for higher efficiency.

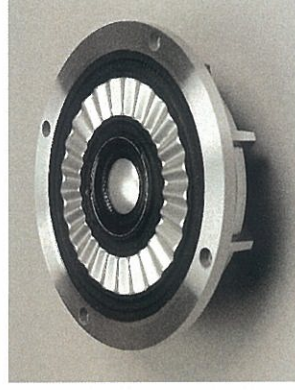
#### Technical highlights

- Extremely accurate frequency response
- Complete phase and time coherence
- New ribbed driver diaphragm geometry for greatly reduced internal resonances
- High sensitivity (90 dB)
- Low diffraction cabinet design
- Very low coloration from cabinet vibration due to very rigid formed aluminum top and back, bent-laminated cabinet sides, 3-inch thick baffle and internal bracing
- Low distortion short coil/ long gap, copper stabilized motor systems
- Very high quality electrical components
- Coaxial/ Coincident midrange/ tweeter mounting



#### Sonic performance

- Very realistic tonal character resulting from new ribbed-geometry aluminum diaphragms, low diffraction cabinet design and complex, precision engineered network circuitry.
- Very accurate and detailed imaging performance resulting from complete phase and time-accurate performance and reduced cabinet resonances.
- Very clean reproduction resulting from unusual short coil/ long gap, copper stabilized driver magnet systems.
- Very high resolution resulting from very low resonant driver diaphragms, exceptionally strong cabinet design and construction, and unusually high quality electrical components.
- High dynamic range resulting from high efficiency and high output driver design.



*The new, innovative ribbed midrange diaphragm geometry both greatly reduces resonances, and greatly reduces diffraction and reflection of the tweeter's output.*