

GoldenEar™

T44 Hybrid Floorstanding Loudspeaker



T44 Compact by Design.

Monumental in Performance.

B. The GoldenEar T44 is the newest addition to our celebrated T Series — a hybrid floorstanding loudspeaker purpose-built for discerning listeners who demand full-range performance in a smaller, more flexible footprint.

Inspired by the critically acclaimed T66, the T44 brings the same wide-open soundstage, holographic imaging, and effortless dynamics that define the GoldenEar experience. Engineered with proprietary driver technology and an integrated powered bottom-end, it delivers the kind of deep, articulate bass and soaring high frequencies that turn everyday listening into a high-fidelity escape.



EXCLUSIVE FEATURES

Smaller Form Factor, Big Performance

Designed for modern living spaces, media rooms, and intimate listening environments — the T44 delivers room-filling sound without dominating the room.

Signature HVFR™ Tweeter

GoldenEar's High-Velocity Folded Ribbon tweeter produces silky-smooth highs with ultra-fast transient response, revealing the finest nuances in music and film soundtracks.

Custom-Voiced Mid-Bass Driver

The single 4.5" cast-basket mid/bass driver delivers exceptional clarity and presence, capturing every nuance with precision. This driver is at the core of GoldenEar's signature sound, providing remarkable midrange realism that brings music and dialogue to life with stunning naturalness and depth.

Integrated Powered Bass Section

A single quadratic woofer, paired with passive radiators and powered by an advanced 56-bit DSP-controlled amplifier, delivers tight, musical bass that reaches subterranean depths — all without the need for a separate subwoofer.

Acoustically Optimized Enclosure

The curved, inert cabinet design minimizes coloration while maximizing appeal. Offered in high-gloss Piano Black and Santa Barbara Red finishes that are as visually stunning as their sound.

Lifestyle-Ready Footprint

At home in apartments, studios, or secondary listening zones, the T44 brings uncompromised fidelity to spaces where larger towers simply won't fit.

Cast Aluminium Base

The full-footprint cast aluminum base provides exceptional stability and durability, anchoring the speaker securely in place. Equipped with adjustable outrigger spikes and pads, it effortlessly adapts to both carpeted and hard surface floors, minimizing vibrations and ensuring optimal acoustic performance in any environment.

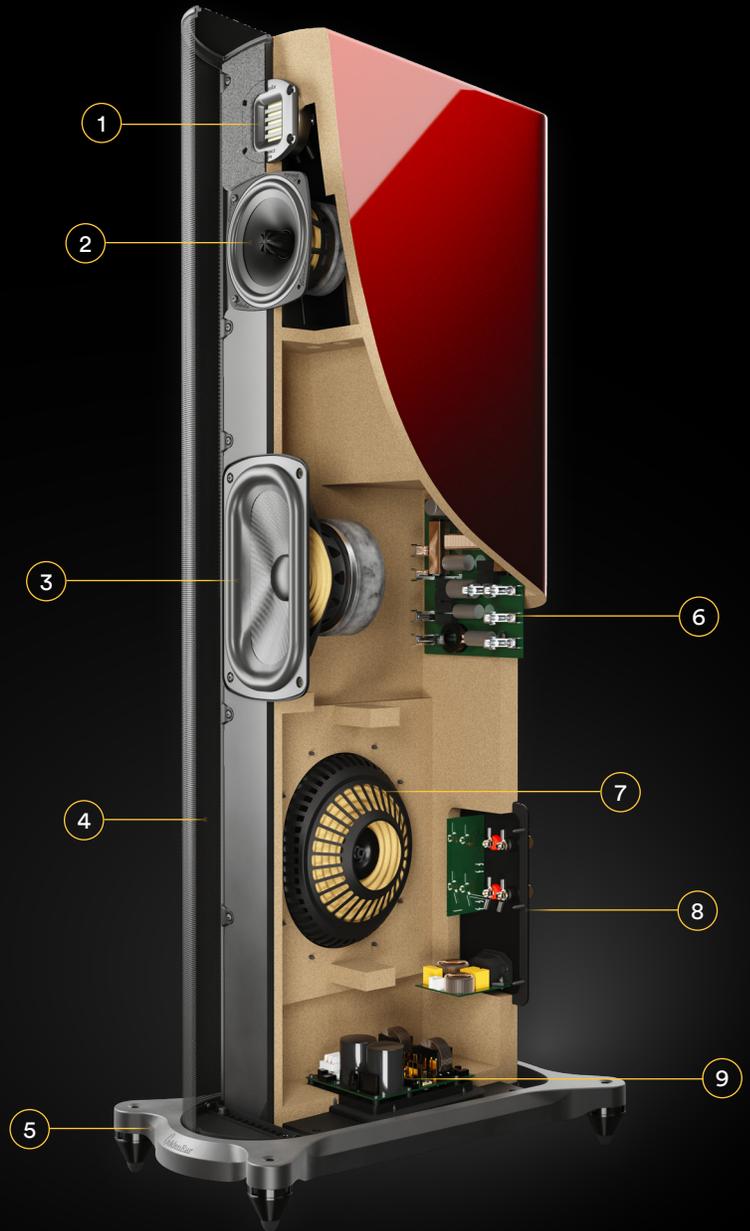
Better Performance with Bi-Wiring Support

Dual binding posts provide versatile connectivity options, allowing for bi-wiring to enhance audio performance. By separating the high and low-frequency signals, bi-wiring reduces interference and improves clarity, delivering a cleaner, more detailed soundstage for discerning listeners.

INTERNAL HARMONY, EXTERNAL BRILLIANCE



- 1 Signature HVFR™ Tweeter**
Smooth highs, fast transients, and wide dispersion for detailed, accurate high-frequency performance. Critically finessed wool felt on the mounting plate and elsewhere minimizes diffraction and bounce distortions.
- 2 High Definition Mid-Range Driver**
Precise imaging, natural tonality, and low distortion for lifelike midrange clarity.
- 3 Custom Voiced Mid-Bass Driver**
Tight, controlled mid-bass response with smooth integration and dynamic impact.
- 4 Aluminium Grille**
Acoustically transparent, rigid, and stylish with a modern curved design.
- 5 Cast Aluminium Base**
Cast aluminum base with outrigger spikes and pads ensures rock-solid stability and reduced resonance on any surface.
- 6 Crossover and Internal Wiring**
Precision crossover and high-purity internal wiring ensure seamless driver integration and signal integrity.
- 7 Quadratic Planar Back-Wave-Driven Infrasonic Passive Radiator**
Acoustically coupled to the subwoofers to deliver extended low-frequency response, improved low-frequency impact, and minimal distortion for surprisingly deep, well-controlled, room-filling bass.
- 8 5-Way Binding Posts with Bi-Wiring Support**
Robust 5-way binding posts support bi-wiring, reducing interference and improving clarity and detail.
- 9 Powerful, Efficient Amplifier**
500 W peak / 250 W RMS, 56-bit DSP-controlled amplifier delivers precise, powerful bass for the lower frequencies.



The GoldenEar T44 is the result of a seamless fusion of high-performance engineering and contemporary design—where every element, visible or hidden, contributes to an experience greater than the sum of its parts. At its core, the T44 features a bespoke driver array anchored by our signature High-Velocity Folded Ribbon (HVFR™) tweeter, a custom-voiced mid-bass driver, and an integrated powered sub-bass system complemented by Quadratic Planar Low-Frequency Drivers and Passive Radiators. These components are brought together through a precisely tuned crossover network, delivering cohesive dynamics, pinpoint imaging, and commanding low-end authority.

Externally, the cabinet is sculpted for both acoustic integrity and architectural presence, while the precision-machined aluminum base isolates and stabilizes the system for optimal performance. Every line, curve, and material is chosen not just for style—but to serve the sound. The T44 isn't just a speaker—it's an expression of how thoughtful design and advanced technology can come together in perfect harmony.

High-Velocity Folded Ribbon (HVFR™) Tweeter

GoldenEar's signature HVFR™ tweeter redefines high-frequency reproduction. Unlike traditional dome tweeters, the folded ribbon design dramatically increases the radiating surface area while maintaining ultra-low mass. This results in lightning-fast transient response, exceptional detail retrieval, and a broad, natural dispersion pattern that fills the room with smooth, airy highs — never harsh or fatiguing.

Quadratic Planar Low-Frequency Drivers & Passive Radiators

The T44 integrates a single long-throw quadratic planar low-frequency driver and dual passive radiators. This proprietary driver moves large volumes of air with precision and minimal distortion, producing deep, controlled bass that rivals standalone subwoofers. The passive radiators enhance efficiency and transient response, allowing the T44 to deliver rich, taut low frequencies even at modest volumes.



PROPRIETARY ACOUSTIC TECHNOLOGY

Engineered for Excellence

At the heart of the GoldenEar T44's remarkable performance lies a suite of proprietary acoustic technologies, meticulously engineered to deliver unparalleled clarity, depth, and realism.

High-Definition Cast-Basket MVPP™ Upper-Bass/Mid-Driver

Purpose-built for the GoldenEar T-Series, this precision-engineered 4.5" driver combines a rigid cast basket with our proprietary Multi-Vaned Phase Plug™ (MVPP) design to deliver exceptional clarity, speed, and control. Tuned specifically for upper-bass and midrange performance, it ensures seamless integration with the T44's folded ribbon tweeter and bass drivers—resulting in a balanced, dynamic, and emotionally engaging listening experience.

56-Bit DSP-Controlled Amplification

To maximize performance and system integration, the built-in amplifier powering the long-throw quadratic planar low-frequency driver employs advanced digital signal processing (DSP). This ensures optimal driver protection, dynamic range, and frequency response shaping. The result is tight, musical bass that seamlessly blends with the midrange and highs — delivering a cohesive, full-spectrum soundstage.

This proprietary acoustic engineering approach makes the GoldenEar T44 a standout in its class — a loudspeaker that packs flagship-level innovation and sonic purity into a size that fits beautifully into your lifestyle.

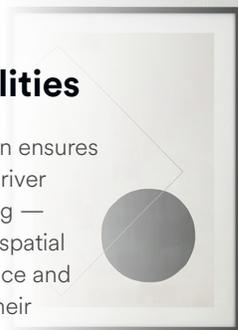


THE GOLDENEAR ADVANTAGE

Making Room for More Possibilities

GoldenEar's holistic approach to loudspeaker design ensures that every element — from crossover voicing and driver alignment to cabinet geometry and internal damping — works in concert to recreate the full emotional and spatial impact of music and film. This obsession with balance and integration is what gives GoldenEar loudspeakers their signature sense of realism and immersion.

The T44 carries that legacy forward in a form factor tailored for today's living spaces. Every component has been carefully engineered to preserve the expansive dynamics, deep bass, and finely layered detail of our larger models — all within a cabinet that fits effortlessly into more compact environments. It's proof that when design and engineering are in perfect sync, smaller can still sound spectacular. Downsizing, in this case, is simply making room for more possibilities.



THE RESULT?

Effortless dynamics, seamless coherence from top to bottom, and full-range performance that outclasses traditional passive tower designs — all from a beautifully compact, easy-to-place loudspeaker.

Hybrid Performance, the GoldenEar Way

The T66 and T44 aren't just loudspeakers — they're full-range, high-performance systems built around a hybrid design philosophy. By incorporating a powered bass section within each speaker, GoldenEar delivers deep, authoritative low-frequency response without burdening your amplifier.

This design takes a significant load off your electronics, allowing the midrange and high frequencies to shine with greater clarity and control. And because the bass section is self-powered, the T Series is far less demanding on your system — making them a perfect match even for lower-powered components, including tube amplifiers and compact integrated amps.



TECHNICAL SPECIFICATIONS

T44

DESIGN

5-driver, 3-way hybrid floorstanding speaker
with active bass, sealed enclosure

DRIVER COMPLEMENT

One High-Gauss HVFR™ High-Velocity Reference Folded
Ribbon Tweeter

One 4.5" High-Definition Cast-Basket MVPP™ Upper-Bass/Mid-Driver

One 5" x 9" Long-Throw Quadratic Bass Driver

Two 6.8" x 8" Quadratic Planar Back-Wave-Driven Infrasonic
Passive Radiators

PASSIVE RADIATOR SURFACE AREA

30.45 in² (196.49 cm²)

SENSITIVITY - ROOM/ANECHOIC

92 dB / 89 dB 1W/1m @ 4Ω (2.83V/1m)

FREQUENCY RESPONSE

32 Hz–25 kHz typical
(-6 dB on axis @ 29 Hz, anechoic bass response)

NOMINAL IMPEDANCE

Nominal 4Ω (Compatible with 8Ω)

RECOMMENDED AMPLIFICATION

20–400 watts per channel

BUILT-IN BASS AMPLIFICATION

500 W peak / 250 W RMS, 56-bit DSP-controlled
(Measured into 50-ohm load – 5 seconds sustained 55 Hz sinusoidal
signal. Note: Not tested to FTC standard — 8-ohm load, 5 minutes
sustained 1 kHz sinusoidal signal.)

DIMENSIONS

Tower: 7.5" (19.1 cm) W x 14.75" (37.6 cm) D x 40.4" (102.6 cm) H
(with base, no spikes)

Base: 11.8" (30 cm) W x 17" (43.2 cm) D

WEIGHT

Product: 60 lbs (27.2 kg)

SWATCHES

Santa Barbara Red



Piano Black



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