

“GoldenEar’s™ Amazing SuperSubs™ are a “Subwoofer to Die For”!

– Sound&Vision Magazine

GoldenEar’s™ new SuperSub™ Series subwoofers are ultra-high performance compact subwoofers which incorporate many recently developed unique and advanced technologies and components. The goal was to create beautifully styled, finely finished, reasonably sized subwoofers that could generate very low frequency pressure waves of extremely high amplitude, while delivering accurate and precise low frequency performance that is both highly impactful and extremely musical.

“Sonic bliss ... remarkably powerful ... THEY KICK ASS, totally ... down to the infrasonic”

– Mark Henninger, AVS

In order to achieve this, we have incorporated a unique, patented†, 360 degree dual-plane inertially-balanced driver and sub-bass radiator topology, combined with a very advanced electronics package. With two active drivers separated horizontally in space, as well as two passive radiators separated vertically, the driver to-room coupling is distributed much more smoothly, for in-room bass performance that can’t typically be achieved with a single subwoofer.

The electronics packages that drive the fully balanced array are a 1600 watt (XXL) and 1400 watt (X) Class D Digital amplifier based on the design originally developed for the GoldenEar Triton One tower. Features: Discrete multi-band limiting, phase perfect equalization, fully balanced and advanced reconstruction filters, and a strong focus on keeping latency to an absolute minimum.

Sonically, the result is rock-solid bass response that is both exceptionally fast and tuneful for music and extraordinarily deep and powerful, in order to effortlessly reproduce the most extreme movie sound effects.

“Bone crushing bass ... sure to be coveted”

– Tom Andry, Audioholics



SuperSub X



SuperSub XXL



SUPERSUB XXL

Housed within the gorgeous piano gloss black enclosure are two horizontally-opposed 12" ultra-long-throw active drivers and two vertically-opposed 15" x 13" planar infrasonic radiators. This dual-plane, patented† dynamic inertial-balancing preserves and focuses all the energy produced by the transducers in order to more effectively move the air in the room, rather than wasting energy moving the box. It also enables you to hear all the fine subtle details in your recordings. The benefit is a new achievement in state-of-the-art subwoofer performance that, not only "rocks the house", as Big Picture Big Sound's Chris Boylan raved, but is also, "strong, pure and controlled" as Sound & Vision's Mark Fleischman wrote.

"The SuperSub XXL has looks to kill and is built to ROCK THE HOUSE when duty calls"

– Sound&Vision

Best of all is GoldenEar's signature combination of highend performance, superb build quality, gorgeous styling and extraordinary value. Nobody does this better than GoldenEar. In the words of AVS's Mark Henninger, "The SuperSub XXL ups the ante down low". Or as Secrets of Home Theater's Robert Kozel clearly stated, "... this is a bargain for a sub of this performance". Visit your nearest GoldenEar™ dealer and experience this supersub today.

STATE-OF-THE-ART GOLDENEAR DRIVERS



QUADRATIC PLANAR INFRASONIC RADIATOR

- Pressure-Coupled Loading Extends Usable Bass Performance to the Infrasonic Region
- Performs Like a Well-Tuned Transmission Line but with Superior Transient Performance and Control



ULTRA-LONG-THROW SUB-BASS DRIVER

- Ultra-Long Throw High-Output Bass Driver for Powerful Room-Shaking Bass
- Superior Transient Performance for Exceptional Detail
- Computer Optimized Ultra-Stiff Fiber Cone
- Massive High-Gauss Magnet Assembly

SUPERSUB X

Like the SuperSub XXL, the ultra-compact SuperSub X utilizes the same dual-plane, patented† inertially-balanced driver array, but instead employs two horizontally-opposed 8" ultra long throw active drivers and two vertically-opposed 10-1/2" x 9-1/2" planar infrasonic radiators.

SuperSub X is "a true compact wonder"

– Mark Henninger, AVS

Specifications

SuperSub X: \$1,495

Dimensions: 14" (35.6cm) W x 13.25" (33.5cm) D x 12.75" (32.5cm) H (with feet)

Weight: 40lbs (18.2kg)

Frequency Response: 26Hz–160Hz (-6dB on-axis, anechoic)

Driver Complement: Two 8" Long-Throw High-Output Bass Drivers; Two 10.5" x 9.5" Quadratic Planar Infrasonic Radiators

Built-in Subwoofer Amplification: 1500W peak/750W RMS, DSP-Controlled, MOSFET Output Stage (50-ohm load – 5 seconds sustained 55Hz sinusoidal signal) Note: Not tested to FTC standard (8-ohm load – 5 minutes sustained 1kHz sinusoidal signal)

Power Requirements/Consumption:

Low Voltage Model - 100-120V at 50 or 60Hz / 1400 Watts
High Voltage Model - 220-240V at 50 or 60Hz / 1400 Watts

SuperSub XXL: \$2,195

Dimensions: 19.75" (50cm) W x 15.9" (40cm) D x 17.6" (44.6cm) H (with feet)

Weight: 82lbs (37.2kg)

Frequency Response: 25Hz–160Hz (-6dB on axis, anechoic)

Driver Complement: Two 12" Long-Throw High-Output Bass Drivers; Two 13" x 15" Quadratic Planar Infrasonic Radiators

Built-in Subwoofer Amplification: 2000W peak/1000W RMS, DSP-Controlled, MOSFET Output Stage (50-ohm load – 5 seconds sustained 55Hz sinusoidal signal) Note: Not tested to FTC standard (8-ohm load – 5 minutes sustained 1kHz sinusoidal signal)

Power Requirements/Consumption:

Low Voltage Model - 100-120V at 50 or 60Hz / 1600 Watts
High Voltage Model - 220-240V at 50 or 60Hz / 1600 Watts

Both Models

LFE Line-Level Input: Unfiltered (no low pass), direct-coupled

Right/Left Line-Level Input: Variable Low-Pass from 40Hz - 150Hz