

# ForceField 30 & ForceField 40

## Ultra-Compact Extended-Response Subwoofers



ForceField 30



ForceField 40

## Clean, **Awesome Power** to Touch Your Soul

GoldenEar's award-winning ForceField Series subwoofers are engineered from the ground up to deliver subtle musical detail, well-extended bass, high-impact slam, and the solid foundation for an expansive soundstage — all from attractive, compact enclosures that easily fit into any environment.

The design brief was simple: achieve uncompromising, state-of-the-art subwoofer performance from the smallest-possible enclosures. Compared to previous models, the new ForceFields 30 and 40 boast several significant sonic and cosmetic refinements.

## Compact, Elegant Cabinet: Designed for Performance and Beauty

- GoldenEar BRX model-inspired curved (extended-surface) top panel better minimizes cabinet resonances.
- Increased wall thickness prevents absorbing and smearing important bass transient information and impact
- Perforated-metal grille affords improved sonic transparency and airflow
- Gorgeous and subtle Satin-Black finish

## Robust, Efficient Amplifier: Upgraded Electronics Platform Based on the Award-Winning SuperSub X/XXL

- GoldenEar SuperSub-inspired electronics with Analog Devices DSP affords flatter, more extended frequency response for cleaner, deeper bass with lower distortion
- MOSFET output stage and improved implementation result in greater power-transfer efficiency
- Necessary subwoofer Level and Low-Pass filter controls allow easy optimization for home theaters, hi-fi setups, and living environments

## Optimized Driver Configuration: Superb Detail, Soul-Stirring Bass

### Ultra-Long-Throw Sub-Bass Driver

- Superior transient performance for natural detail
- Computer-optimized ultra-stiff fiber cone
- Massive high-gauss magnet assembly

### Quadratic Planar Infrasonic Radiator

- Downward-firing pressure-coupled loading extends usable bass performance to the infrasonic region
- Approximates the near-perfect impedance of a well-tuned transmission line, but with superior transient performance and control
- Affords outstanding flexibility for room placement

The overall result is agile, musical, room-filling bass equally suited to thrilling soundtracks, stirring orchestral pieces, propulsive pop music, and everything in between. With the new ForceField 30 and ForceField 40, we've achieved the GoldenEar mandates for any subwoofer:

- To be subtle and invisible, allowing a string bass or a fighter jet's roar to seem to come out of nowhere.
- To unignorably do its job when the pluck of a bass guitar or a giant's footsteps are supposed to rumble your soul.



## Specifications

### ForceField 30: \$795

**Dimensions:** 11.4" (28.9cm) W x 16" (40.6cm) D x 12.7" (32.2cm) H (w/feet)

**Weight:** 31.5lbs (14.3kg)

**Frequency Response:** 26Hz – 200Hz; **Anechoic Response:** 31Hz – 170Hz (-6db on axis)

**Driver Complement:** One 8" long-throw high-output bass driver; One 9" x 11" quadratic planar infrasonic radiator

**Built-in Subwoofer Amplification:** 1000W peak/500W 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)

### ForceField 40: \$1,095

**Dimensions:** 13.3" (33.7cm) W x 18.3" (46.5 cm) D x 14.7" (37.3cm) H (w/feet)

**Weight:** 40.5lbs (18.4kg)

**Frequency Response:** 25Hz – 200Hz; **Anechoic Response:** 30Hz – 170Hz (-6db on axis)

**Driver Complement:** One 10" long-throw high-output bass driver; One 11" x 13" quadratic planar infrasonic radiator

**Built-in Subwoofer Amplification:** 1000W peak/500W 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)

### Both Models

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

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

### 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