

# GoldenEar's™ **Invisa**® Series

**"... superb, both on movies and music ..."**

— Thomas J. Norton, *Sound & Vision*



**" The Invisa system deftly combines high-performance, affordability, and "invisibility" to deliver sound that you'd swear could only come from full-sized speakers"**

— Mark Henninger, *AVS Forum*

Invisa Signature Point Source: Left, Right & Center Shown



## Invisa® Series

GoldenEar™ Invisa Series in-wall/in-ceiling loudspeakers are designed to deliver superb sound quality while blending into their surroundings so seamlessly that they disappear.

### Invisa Signature Point Source for In-Wall or In-Ceiling

Invisa Signature Point Source (SPS) speakers offer excellent performance when used as front left, right, or center-channel loudspeakers, as well as side- or rear-surrounds in high-quality multi-channel home theater and music systems. Invisa SPS speakers also offer superb quality in simpler two-channel systems.

Each Invisa SPS incorporates four 5-1/4" high-definition cast-basket drivers and a High-Gauss Reference High Velocity Folded Ribbon Tweeter, similar to the units found in the award-winning Triton towers. The sophisticated crossover network uses the same fully balanced topology as in our upper range models, with a polystyrene film capacitor in the high-frequency section.

In order to achieve a point source radiation pattern with the dramatic benefits of better dispersion and improved imaging, the four 5-1/4" drivers are neither identical nor do they cover the same frequency range. Other important details include: a switch to allow adjustment of the tweeter level, a magnetically attached low-profile grille, non-resonant mineral-filled frame structure, special dog-screws to allow easy and secure attachment to the wall, and a rotatable tweeter to allow for correct orientation of the tweeter for vertical or horizontal positioning.

Also available is a unique optional backbox that has been engineered to prevent sound from bleeding through into the adjacent room.



“With the Invisa Signature Point Source GoldenEar has once again delivered on its promise of high-end audio at real world pricing.”

– John Sciacca, Residential Systems

#### INVISASPS SPECIFICATIONS

**Speaker Dimensions:** 27-9/16" H x 7-15/16" W x 3-1/4" D. **Depth with Optional Back Box:** 3-3/4". **Grille:** 28-3/16" H x 8-9/16" W. **Cut-Out Size:** 26-9/16" x 7-1/8". **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Nominal Impedance:** 4 ohms. **Driver Complement:** Two 5-1/4" high-definition cast-basket MVPP™ mid/bass drivers. Two 5-1/4" high-definition cast-basket lower mid/bass drivers. One High-Gauss HVFR™ High Velocity Folded Ribbon tweeter. **Rec. Amp:** 20 – 350 Watt/channel.

### Invisa HTR 7000 & 8000 In-Ceiling Home Theater Reference Loudspeakers



The Invisa HTR 7000 and 8000 are high-performance speakers that just happen to be designed for use as ceiling-mounted left/center/right (LCR) speakers in home theater or music systems. They are excellent side- or rear-surround speakers in 5.1-channel or 7.1-channel systems and ideal height-channel speakers in Dolby Atmos/DTS:X systems.

Their attractive, nearly “invisible” look is accomplished with a flat, round, magnetically attached micro-perf grille that covers the mounting hardware. Their large, enveloping sound is partly due to our FocusField™ Technology, which uses drivers mounted at precisely calculated angles to “focus” sound at the listening position in much the same way a floodlight floods an area with light. The overall result is a big, boxless, open sound with precise three-dimensional imaging that convincingly fills the room—and doesn’t just come from the ceiling.

For superior frequency response and remarkable clarity, the HTR 7000 and 8000 combine one of GoldenEar’s signature High Velocity Folded Ribbon tweeters with a high-definition, cast-basket bass/midrange driver—a 7" unit in the HTR 7000 and an 8" in the HTR 8000. Both models employ a finely-tuned crossover network with a high-frequency equalization switch, assuring beautiful sound in virtually any room.

#### INVISASPS SPECIFICATIONS

**Dimensions:** 10-1/16" Diameter x 4-15/16". **Cut-Out Dimensions:** 9" Diameter. **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Sensitivity:** 90 dB. **Nominal Impedance:** 4 ohms. **Driver Complement:** One 7" High-Definition Cast-Basket MVPP™ Bass/Midrange Driver, One High-Velocity Folded Ribbon (HVFR™) tweeter. **Rec. Amp:** 10 – 250 Watt/channel.

#### INVISASPS SPECIFICATIONS

**Dimensions:** 13-3/16" Diameter x 5-15/16". **Cut-Out Dimensions:** 11-5/8" Diameter. **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Sensitivity:** 92 dB. **Nominal Impedance:** 4 ohms. **Driver Complement:** One 8" High-Definition Cast-Basket MVPP™ Bass/Midrange Driver, One High-Velocity Folded Ribbon (HVFR™) tweeter. **Rec. Amp:** 10 – 300 Watt/channel.

## Invisa MPX MultiPolar In-Wall/In-Ceiling Loudspeaker

The Invisa MPX MultiPolar™ In-Wall/In-Ceiling Loudspeaker offers many of the advantages of a direct-radiating loudspeaker but with enhanced spaciousness and dispersion. This makes it the perfect choice for the rear- or side-surround channels of a multi-channel installation, as well as for front main speakers or for distributed-audio multi-room installations.

Easily mounted in-wall or in-ceiling and very flexible in terms of orientation, the MPX MultiPolar, like the other Invisa Series speakers, has a flat magnetically attached micro-perf grille that covers the flange for an attractive, nearly invisible look. It combines two precisely angled 4.5" bass/midrange drivers, a High-Velocity Folded Ribbon Tweeter (HVFR™), and a complex crossover network with a high-frequency equalization switch. Like the Invisa HTR 7000, the MPX MultiPolar is engineered for enhanced clarity and source-less sound radiation into the room.

### INVISIA MPX MULTIPOLAR™ SPECIFICATIONS

**Dimensions:** 13-7/8" H x 7-1/4" W x 3-3/4" D. **Cut-Out Dimensions:** 12-3/4" H x 6-1/4" W. **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Sensitivity:** 90 dB. **Nominal Impedance:** 4 ohms. **Driver Complement:** Two 4-1/2" High-Definition Cast-Basket MVPP™ Bass/Midrange Drivers, One High-Velocity Folded Ribbon Tweeter (HVFR™). **Rec. Amp:** 10 – 250 Watt/channel.

"... capable of bringing many dedicated theater rooms to their knees ... the Invisa speakers are that good."

– Todd Anderson, AV Nirvana



Invisa MPX MultiPolar

## Invisa 525 and 650 High-Definition Architectural Loudspeakers



Invisa 525

Invisa 650

### INVISIA 525 SPECIFICATIONS

**Dimensions:** 7-3/4" diameter. **Cut-Out Size:** 6-3/16" diameter. **Depth:** 3-7/16". **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Sensitivity:** 89 dB. **Nominal Impedance:** 4 ohms. **Driver Complement:** One 5-1/4" bass/midrange driver, One High-Velocity Folded Ribbon (HVFR™) high-frequency radiator. **Rec. Amp:** 10 – 200 Watt/channel.

### INVISIA 650 SPECIFICATIONS

**Dimensions:** 8-5/8" diameter. **Cut-Out Size:** 7-1/8" diameter. **Depth:** 3-7/16". **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Sensitivity:** 90 dB. **Nominal Impedance:** 4 ohms. **Driver Complement:** One 6-1/2" bass/midrange driver, One High-Velocity Folded Ribbon (HVFR™) high-frequency radiator. **Rec. Amp:** 10 – 250 Watt/channel.

In both quality of construction and superb sonics, the Invisa 525 and 650 in-ceiling/in-wall speakers are very similar. Both use bass/midrange drivers and an Air-Motion Transformer (High-Velocity Folded Ribbon) tweeter similar to those in GoldenEar's award-winning Triton Towers. The larger 650's 6.5" driver can play somewhat louder, with more physically present low-frequency energy than the 5.25" driver-based 525.

Like other Invisa Series speakers, the 525 and 650 disappear into their surroundings thanks to their one-piece hidden-flange construction and magnetically attached grille.

In both models, the angle of the tweeter can be adjusted to achieve wide, well-controlled dispersion and minimize unwanted reflections. The tweeters pivot to optimize their in-room performance, and a high-frequency equalization switch allows further tailoring to the room and the listener's tastes.

"The Invisas, as a collective unit, sounded totally seamless ... there was that extra bit of synergy (or magic) between all the pieces ... that just put the sound over the top for me."

– Carlo Lo Raso, *Secrets of Home Theater*

## Invisa SP 652 Single Point Stereo Speaker

The Invisa SP 652 is a very versatile all-in-one stereo speaker that, when both channels are paralleled, also makes a great bipolar surround speaker or an in-ceiling Atmos height speaker. Solidly constructed of a marble-infused polymer, the SP 652 features an integral high-definition wide-dispersion dual-wound 6-1/2" voice-coil driver. Care has been taken in this design to minimize diffraction-based distortions that are common in many other stereo speakers that sink the drivers too deeply into the structure. Two costly but superb HVFR™ tweeters are mounted in an acoustically optimized high-frequency pod with a precisely calculated angle to maximize stereo coverage and radiation into the room. It is unique to find tweeters of this quality in single-point stereo speakers.

The dual crossovers incorporate high-quality components to precisely blend the drivers for natural, exquisite sound quality. A specially contoured Santoprene anti-resonance/diffraction-control ring is incorporated around the driver and covers the surrounds to further optimize performance. A high-frequency equalization switch precisely matches the SP 652 to any environment.



Invisa 652

### INVISA SP-652 SPECIFICATIONS

**Dimensions:** 8-5/8" diameter. **Depth:** 3-7/16". **Cut-Out Size:** 7-1/8" diameter. **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Efficiency:** 86 dB. **Nominal Impedance:** 4 ohms. **Driver Complement:** One - 6-1/2" Dual-Wound Voice-Coil Mid/Bass Driver. Two - HVFR™ High-Velocity Folded Ribbon Tweeters. **Rec. Amp:** 10 – 125 Watt/channel.

“The entire GoldenEar Invisa home theater system was absolutely stunning... it created an absolutely stunning audio envelope.”

– Darryl Wilkinson, Sound & Vision

## Invisa 600: Our Most Affordable High-Performance In-Ceiling Speaker



Invisa 600

### INVISA 600 SPECIFICATIONS

**Dimensions:** 8-5/8" diameter. **Cut-Out Size:** 7-1/8" diameter. **Depth:** 3-7/16". **Frequency Response:** Depending on rear loading, 35Hz-35kHz. **Sensitivity:** 90 dB. **Nominal Impedance:** 4 ohms. **Driver Complement:** One 6-1/2" high-definition cast-basket MVPP™ mid/bass driver One Pivoting Titanium Dome Tweeter with Silk Surround. **Rec. Amp:** 10 – 250 Watt/channel.

Looking for a high-performance affordable alternative to the “Contractor Quality” in-walls your builder might suggest? The Invisa 600 is based on our best-selling Invisa 650, with the same one-piece marble-infused frame/flange construction built around the same 6-1/2" driver. It also offers the same minimal footprint, which delivers the exceptional performance advantages of a 6-1/2" driver-based system in a compact size comparable to that of most competitors’ 5-1/4" systems. Of course, it also features a paintable MagneLock grille (and optional square grille).

Instead of our signature HVFR tweeter, the 600 incorporates a newly developed pure titanium, pivoting 1" dome tweeter with a silk surround. We believe its performance, while not quite rivaling our folded ribbon, is the best of any dome tweeter available among in-wall/in-ceiling architectural products. Signature GoldenEar all the way, an effective crossover network enabling natural blending and voicing.

**GoldenEar™**

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