

ORION-4 in Maple with Ebony Trim



Orion-4 speakers available in a wide choice of woods, colors and finishes. Side panels and baffle panels are made of solid hardwood. Matching or complementary veneer or finish can be applied to the woofer cabinets.



Orion-4 rear view of baffle showing rear tweeter and midrange mounting bracket

Orion-4 Features

- ◆ Open baffle design using dynamic drivers provides live natural sound
- ◆ Active crossover for greater efficiency and isolation of amplified signals prevents one driver's signal from affecting another driver's input
- ◆ Dynamic sound delivery over entire audio spectrum
- ◆ Cabinet design avoids typical box cabinet resonance
- ◆ High efficiency, as both forward and reverse motions of drives are used
- ◆ W frame woofer mounting to reduce cabinet motion
- ◆ Relatively small size for speakers that deliver a big sound
- ◆ Wide choice of woods and finishes provide greater décor compatibility

Don Naples, owner of Wood Artistry, began building speaker enclosures in 1968 and Orion speaker systems since 2004. He has years of experience working with both wood and metal.

The woods used for making the Orion-4 cabinets are hand selected for color and grain to meet our customer's preferences.

The Orion-4 speakers are shipped worldwide directly from our manufacturing facility.



Wood Artistry, LLC

PO Box 1326

Healdsburg, CA 95448

Phone: 707-473-0593

Fax: 707-473-0653

Email: sales@theorionspeakers.com

www.theorionspeakers.com

Orion-4 Speakers



ORION-4 Speakers in Sapele and Ebony

Let the music speak for itself with the new ORION-4 speaker system designed by world-renowned audio engineer Siegfried Linkwitz.

"It is possible to reproduce a stereo recording in an ordinary living room such that listeners have the illusion that the two loudspeakers have disappeared and when they close their eyes, they can easily imagine to be present at the recording site."

- Siegfried Linkwitz

Orion & Pluto Designer Siegfried Linkwitz



Renowned audio engineer Siegfried Linkwitz has revolutionized sound design with the ORION Speakers: a loudspeaker system for accurate sound reproduction in normal living spaces. They obtain the highest acoustic performance possible, using the best suited components available today. The latest understanding about sound perception in rooms led to the open-baffle ORION loudspeaker design. The ORION is a speaker with seamless integration of its drivers over the entire audio frequency range, a speaker that sets up a wide, deep and tall sound stage, yet with realistic localization of instruments and voices, with clarity and warmth, with speed and impact. The ORION is an open baffle speaker or dipole radiator that radiates sound to front and back, but not to sides and top. The speakers disappear and what remains is a panorama of sound. www.linkwitzlab.com

The ORION is a speaker with seamless integration of its drivers over the entire audio frequency range, a speaker that sets up a wide, deep and tall sound stage, yet with realistic localization of instruments and voices, with clarity and warmth, with speed and impact. The ORION is an open baffle speaker or dipole radiator that radiates sound to front and back, but not to sides and top. The speakers disappear and what remains is a panorama of sound. www.linkwitzlab.com



ORION-4 Front Woofer

Orion-4 Specifications:

- Open baffle cabinet - Dimensions: Ht 46" - Width 13" - Depth 15.75" at widest the point
- Weight ~90 lb. (40.82 kg)
- 3-way active speaker system
- Crossovers at 90 Hz and 1440 Hz
- Crossover/Equalizer with 2 ASP circuit boards
- Tweeters (2x) - Seas T25CF002
- Midrange (1x) - Seas W22EX001
- Woofers (2x) - Seas L26RO4Y
- Six or eight channels of amplification recommended
- Room size: $\geq 240 \text{ ft}^2$ ($> 22 \text{ m}^2$) area, $\geq 8 \text{ ft.}$ ceiling
- Speaker placement recommendation: $\geq 4 \text{ ft.}$ from rear wall, $\geq 2 \text{ ft.}$ from side walls, speaker separation $\geq 8 \text{ ft}$
- Listening distance 8 ft. to 18 ft
- Room acoustics: Fairly live - RT_{60} of 400 ms to 700 ms

Orion-4 Speaker System

These floor standing speakers are less than four feet tall, are thirteen inches wide, and less than sixteen inches deep. They include two ten inch woofers, an eight inch midrange and two tweeters per cabinet. The Orion-4 speakers use an active Analog Signal Processor (ASP) crossover/equalizer and use multiple channels of amplification so each woofer, midrange, and pair of tweeters are driven independently. This prevents power demands from the woofers from affecting the clarity of the midrange and tweeter outputs during dynamic music passages. Orion-4 speaker cabinets are available in a variety of beautiful woods, colors, and finishes. Recommendations for multi channel amplifiers are available.

Complete ORION-4 speaker system, including active crossover analog signal processor (ASP) start at \$14,750. For sales or additional information about options, please contact us. sales@theorionspeakers.com

Stereophile Quotes

Jason Victor Serinus - Feb 2011 "I sat in awe in the room dominated by Linkwitz open baffled loudspeakers ... perhaps the most dynamic-sounding presentation from CD I have ever heard . . . The bass impact, soundstage immensity and dynamic gradations produced by these small speakers in a very large, totally untreated space was what I expect only from Wilson Audio's Alexandria X-2s or similar giants."

John Atkinson - April 2011 "Definitely one of my two best sounds at Axpona ... the 'William Tell' section from Shostakovich's Symphony 15 had superb dynamic range, with a 'quiet' quality that seemed like there was a lower level of spurious behavior from the room. This allowed a wealth of detail to be perceived even when the music was itself quiet."

The Orion-4 speakers superbly reveal levels of detail in recordings. They involve the listener as one can follow a particular musical line, voice, or instrument in a recording hearing parts masked by other less revealing systems.



Orion-4 Midrange Mounting Bracket isolates vibration of the driver from the baffle panel