

THREE-WAY PLANAR FRONT PASSIVE LOUDSPEAKER

Recommended Applications:

High End Stereo Audio Playback

Performance:

200 watts RMS

45Hz to 20kHz +/- 5dB (see Figure 1)

100W minimum recommended power

Protection:

Three independent self-resetting circuits (low, mid-range and high frequency).

Finish Options:

Finish options include:

1. Rosewood Veneer
2. Teakwood Veneer
3. White Satin Laquer
4. White Paint Grade Finish (paintable)



Front view (Rosewood Finish)

Monolith is a unique, high-performance, 3-way passive, 200W, free-standing stereo loudspeaker system, intended for high-fidelity stereo playback applications.

Built to resemble a beautiful wood instrument or work of art and resting on a solid natural-stone base pedestal, Monolith's solid enclosure has no grills, no exposed drivers or any other visible indications that it is a superb sounding loudspeaker.

Monolith's sonic performance is quite surprising – you'll be impressed with the open sound, dynamic range, spacious panorama and broad listening sweet spot. Since sound converges at the face panel on Monolith and then radiates to the listener instead of firing through a grill, response is very smooth throughout the coverage pattern, avoiding many of the off-axis tonal variances typically associated with traditional speakers. Monolith's unique abilities are a

direct outgrowth of Stealth Acoustic's LineaResponse™ planar-front radiator technology that combines sound from hidden drivers onto the solid front surface. The results are sound rivaling top-shelf grilled free-standers and unique artistic looks. Monolith incorporates four, direct-to-fiber neodymium midrange motors, and one direct-to-fiber neodymium high-frequency motor aligned in Stealth Acoustic's all-new Quad-Balanced Midrange Drive™ configuration. Advanced internal carbon fiber materials allow for smooth high-frequency extension to 20kHz, while dual high-power 8" cone woofers and optimal bass driver placement provide deep and warm bass response.

To ensure long-term reliability and performance, Monolith contains three independent protection circuits (low, mid-range and high frequency sections) that automatically reset upon reduction of excessive amplifier power.

Monolith is both beautiful art and a whole new paradigm in loudspeaker design, worthy of world class listeners who care about aesthetics. The design and aesthetic flexibility of Monolith is impressive. In addition to exotic hardwood finishes Monolith is also offered in a satin white finish as well as a paint grade version allowing for custom painting to match the decor of the environment in which it will be used. Also, through the use of Stealth Acoustic's large-format high resolution printing, virtually any image can be produced and applied directly to the face of the Monolith, allow it to literally become a palette for the artistic ideas and goals of its owner.

Monolith THREE-WAY PLANAR FRONT PASSIVE LOUDSPEAKER

Architectural & Engineering Specifications

The loudspeaker shall be a three-way, full-range, planar-front, free-standing device, producing frequencies from 45Hz to 20kHz. The loudspeaker shall utilize a planar-front dispersion panel for even distribution of sound throughout the specified response spectrum. The total front panel radiating surface shall be 600 sq. in (1524 sq. cm).

Sound shall radiate from the planar-front portion of the speaker in a nominal dispersion pattern of 170 degrees in both horizontal and vertical planes. The loudspeaker system shall have a sensitivity of 80 dB, 1 watt / 1 meter, with a capacity of 200 watts RMS according to EIA standard RS-426-A. Maximum output shall be 103dB / 1 meter at full-rated power. The loudspeaker shall have three independent self-resetting protection devices, one each for the high-frequency, midrange, and low-frequency drivers.

The loudspeaker shall have no speaker grills, exposed drivers, or other visible presence of the transducers or other internal components.

The loudspeaker shall be offered in clear-finished Rosewood veneer, clear-finished Teak veneer, white satin laquer, and paint grade finish (select finish).

The loudspeaker shall rest on a real-stone base stand. Base stand color options shall be either light, medium or dark stone (select required variant)

Custom finishes shall include; color-matched paint, wallpaper, vinyl graphics, custom images (select finish).

The loudspeaker shall be the Stealth Acoustics Monolith and shall carry a 5 year manufacturer's warranty.

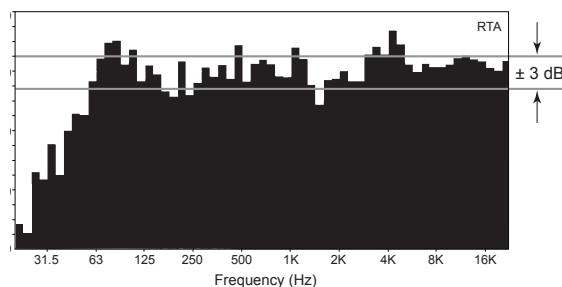
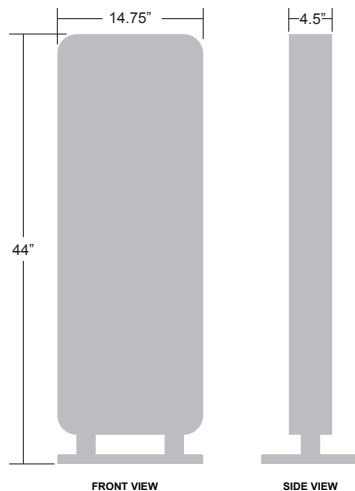


Figure 1: On-axis frequency response.

Product Specifications

Frequency Response:

45Hz to 20kHz (see Figure 1)

Power Capacity:

200 watts RMS

100 watts minimum recommended power

Protection:

Three independent self-resetting devices (low, mid-range and high frequency)

Sensitivity:

80 dB (1 watt / 1 meter)

Max Output:

103 dB (200 watt / 1 meter)

Driver Components:

High frequency: 1" (25 mm) neodymium motor

Midrange frequency: Four 1" (25 mm) neodymium motors

Low-frequency: Dual 1.5" (38 mm) voice coils, 8" (203 mm) woofers with ceramic 20 oz. (622 gr) magnets

Crossover:

Passive 3-Way @ 500Hz and 3kHz (asymmetrical)

System Impedance:

4Ω nominal

Polar Dispersion:

170 degrees vertical and horizontal planes

Dimensions:

Width: 14-3/4" (375 mm)

Height: 44" (1118 mm)

Depth: 4-1/2" (114 mm)

Product Weight:

72 lbs. (33 kg.) each

Shipping Weight:

78 lbs. (35 kg.) each

Included Accessories:

Speaker Connectors

Optional Accessories:

Stealth Acoustics 255R, 250W Monophonic Amplifier (two required for stereo operation)

Stealth Acoustics

A Division of Dimensional Communications, Inc.

1220 Anderson Road | Mount Vernon, WA 98274

www.StealthAcoustics.com

Toll Free: 888.865.6800 | Fax: 360.424.8872