

Monolith *Version 2*

The Monolith Version 2 is a high-performance 3-way loudspeaker that excels in both sonic quality and application flexibility. Its unique flat-profile design enables it to perform in a variety of applications with unparalleled results. For some applications the compact cabinet size alone makes it attractive, but the Monolith Version 2's most important characteristic is its sound. Located inside the 8.5-inch deep cabinet are an 18-inch woofer, two 6.5-inch direct-radiating mid-frequency drivers, and a 2-inch high-frequency compression driver coupled to a slot-CD horn. These components work together to provide true broadband response which is effective from 17kHz to below 50Hz. The carefully selected components provide significant LF output, along with excellent clarity and sonic detail in the MF and HF ranges. The standard Monolith Version 2 is a bi-amplified design, with tri-amp available as an option.

The Monolith Version 2 builds on the strengths of the original Monolith, adding significant improvement to its audio performance. Long considered one of the best-sounding loudspeakers on the market, the Monolith Version 2 raises the "sonic bar" with flatter response, better phase coherence, and increased detail. Significant improvements were made to both the MF and HF sections of the loudspeaker. A new MF driver was selected, of which two are used in each Monolith Version 2. The new driver features a composite cone and an integrated phase plug. A new crossover network was designed to optimize MF performance. A custom-designed damping insert is now incorporated into the HF compression driver. This reduces the standing waves that can be created by the driver's rear mechanical system. A redesigned HF crossover network effectively shapes and controls the response of the compression driver. The MF and HF sections work together to provide a nominally flat response with minimal phase interaction. Listeners will experience excellent clarity and strong inter-sonic detail.



Detail of the built-in Intermastr system

Monolith Version 2 loudspeakers can effectively be used singly, in stereo pairs, or in multi-cabinet vertical line arrays. For application flexibility, the MF and HF components can be rotated. This is especially important when creating vertical line arrays, proving high sound-pressure levels and wide coverage without the phase anomalies typical in horizontally arrayed system. Versions are available for portable or installation use. Both include provisions for overhead suspension use, incorporating aluminum aircraft track and threaded insert points. Rigging components, including a low-profile fly bar and cabinet-to-cabinet fittings, are available. For portable applications the road version includes the Intermastr System, a proprietary design which incorporates mounting poles and hardware inside the loudspeaker's cabinet. This unique feature allows direct cabinet support using subwoofers, the factory-available road case, or floor stands. When not in use, the Intermastr System retracts completely into the cabinet.



The Monolith Version 2's cabinet is made of hardwood plywood with a powder-coated steel grill. The sleek cabinet design minimizes disruption of sight lines. The road version includes textured epoxy paint and plastic-laminate protection panels on the left and right sides. The install version uses a low-gloss, light-texture paint finish that is optimized for permanent installations.

- Features**
- Excellent sonic fidelity and detail
 - Wide, consistent coverage
 - Can be used individually or formed into vertical line arrays
 - Ideal for live concert, worship, theme park, theater, corporate A/V applications

Monolith Version 2

Monolith Version 2 Specifications

Standard Configurations

MONO-RD-V2: Road version

MONO-IN-V2: Install version

MONO-IN-IM-V2: Install version with Intermastr

MONO-RD-SET-V2: Two road versions in case

Frequency Response

±3dB, 44Hz to 17kHz

Coverage (between -6dB points)

Horizontal: 90 degrees

Vertical: 55 degrees

Components rotate for pattern control and correct alignment within the array

Nominal Impedance

LF: 8 ohms

MF/HF: 6 ohms

Sensitivity

LF: 96dB

MF: 102dB

HF: 106dB

Maximum SPL

124dB, broadband, one meter, one minute

Recommended Amplifier Power

LF: 500 to 750 watts RMS into 8 ohms

MF/HF: 350 to 500 watts RMS into 6 ohms

Recommended Crossover Point

240Hz, 24dB per octave

Maximum Input

LF: 750 watts

MF/HF: 500 watts

Connectors

Two, Neutrik NL4

Enclosure

SBABS plastic laminate (on sides only) on hardwood plywood, textured black or paint-ready finish, powder-coated perforated steel grill with open-cell foam backing

Dimensions

43.3 inches high (110.0cm)

22.4 inches wide (56.9cm)

8.5 inches deep (21.6cm)

Weight

128.0 pounds (58.1kg): Road version

116.0 pounds (52.6kg): Install version

123.0 pounds (55.8kg): Install version with Intermastr

378.0 pounds (171.5kg): Two road versions in case

Accessories

Flybar

Loop-to-fitting strap

Fitting-to-fitting link strap ("short")

Fitting-to-fitting link strap ("long")

Fly hinge

Cloth cover

Options

Weatherproofing, Black Box Stereo

Analog Controller unit, CCM Control

Card for Crown P.I.P.[®]-compatible

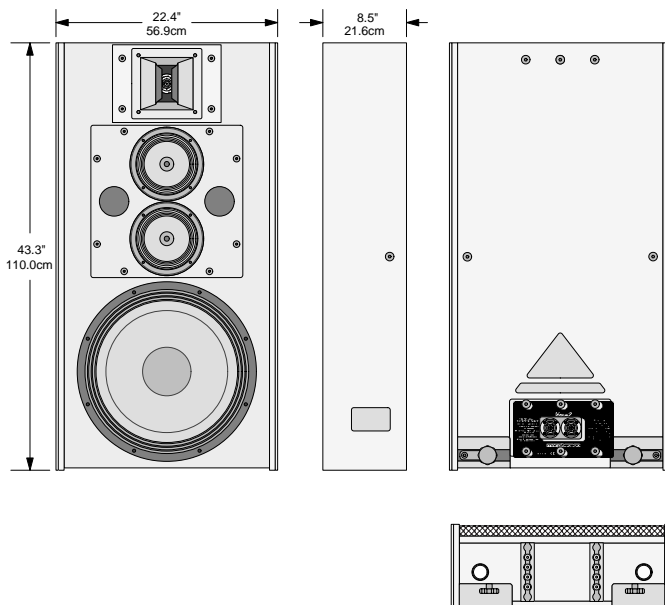
amplifiers, road cases

Warranty

Three years from date of original

purchase

Contents subject to change without notice. Dimensions provided for general reference only.



Monolith Version 2 Road version, featuring the built-in Intermastr system, shown with MS18 subwoofer