

Earthworks Limited Warranty

Earthworks, Inc. warrants this product to be free of defects in material and workmanship for a period of two years from the date of original retail purchase. This warranty is enforceable only by the original retail purchaser. To be protected by this warranty, the purchaser must complete and mail the enclosed warranty card within 14 days of purchase. During the warranty period Earthworks shall, at its sole and absolute discretion, repair or replace, free of charge, any product that proves to be defective on inspection by Earthworks. To obtain warranty service, the purchaser must first call or contact Earthworks at the contact information listed below to obtain a Return Merchandise Authorization number (RMA#) and instructions of where to return the unit for service. All inquiries must be accompanied by a description of the problem. All authorized returns must be sent to the Earthworks repair facility postage prepaid, insured and properly packaged, preferably in the original packing material. Earthworks reserves the right to update any unit returned for repair. Earthworks reserves the right to change or improve the design of the product at any time without prior notice. This warranty does not cover claims for damage due to abuse, neglect, alteration or attempted repair by unauthorized personnel, and is limited to failures arising during normal use that are due to defects in material or workmanship in the product. Any implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the length of this limited warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event will Earthworks be liable for incidental, consequential or other damages resulting from the breach of any express or implied warranty, including, among other things, damage to property, damage based on inconvenience or on loss of use of the product, and, to the extent permitted by law, damages for personal injury. Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. This warranty only applies to products sold and used in the U.S.A. For warranty information in other countries please refer to your local distributor.

For an RMA# or questions about service please email:
[Returns@EarthworksAudio.com](mailto>Returns@EarthworksAudio.com)



Earthworks, Inc.
37 Wilton Rd.
Milford, NH 03055 USA
Phone: 1-603-654-6427
Fax: 1-603-654-6107
<http://www.EarthworksAudio.com>

Made in U.S.A.



Sigma6.2 Precision Reference Monitor Owner's Manual



Description

Earthworks Sigma6.2 precision reference monitor is a passive two-way, low-Q vented box system. It incorporates a 1-inch concentric ring tweeter and 6.5-inch woofer. Each monitor's drivers are physically aligned in time ("time coherent"). A proprietary first-order crossover ensures the near-perfect time-domain performance. The internally braced cabinet is constructed of 1-inch high-grade MDF to minimize unwanted vibrations.

Positioning

The best results are achieved when using dedicated stands. Position the monitors in a symmetrical triangle facing the listening spot. The optimum listening height is achieved when the ears are level with the shelf on which the tweeter is mounted. In case the optimum height cannot be achieved it is preferable to place the monitors above rather than below the ear level. The Sigma 6.2 should be at least three feet away from the listener for best performance. Positioning the monitors horizontally may improve imaging if the meter bridge is the only possible location.

Connections

All connections should be made with the equipment switched OFF to prevent possible damage.

The Sigma6.2 incorporates a pair of gold-plated WBT binding posts at the back of the speaker. Make sure that the positive input terminal (red) is connected to the positive output terminal of the amplifier, and negative (white) – to negative. Incorrect connection may result in poor imaging and loss of bass.

The choice of cable can have a significant influence on the monitor's performance. We recommend using at least AWG16 or lower gauge cable; "star-quad" four-conductor configuration is preferred to minimize inductance for best high-frequency response. Try to keep cables as short as possible.

Specifications

Frequency response:	40Hz to 40kHz ± 2 dB (Fig. 1)
Nominal Impedance:	8 Ω (6 Ω minimum)
Sensitivity:	87dB 1W/1m
Power Handling:	150W program, 400W peak (unclipped)
Dimensions H x W x D:	16.75" x 9.5" x 15.5" (42.5cm x 24cm x 39.5cm)
Weight:	33lb (shipping: 38lb); 14.5kg (shipping: 17kg)

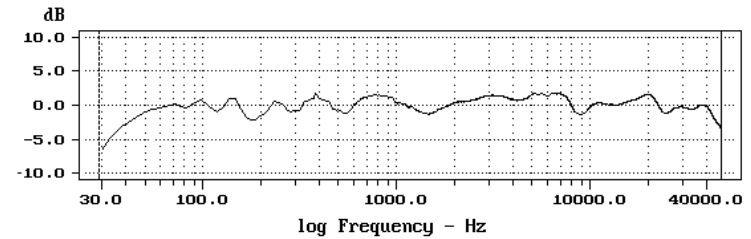


Fig. 1. Frequency Response (Typical) of Sigma6.2

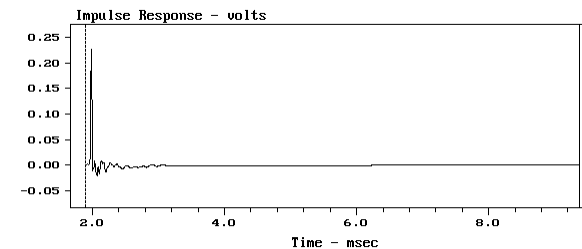


Fig. 2. Impulse Response (Typical) of Sigma6.2

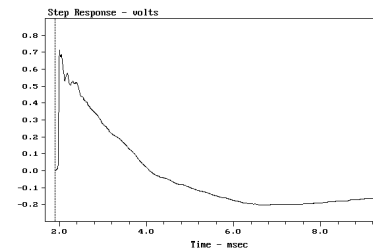


Fig. 3. Step Response (Typical) of Sigma6.2

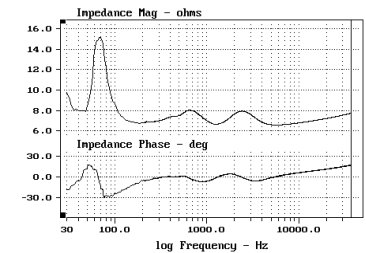


Fig. 4. Impedance (Typical) of Sigma6.2

CE Compliant

Specifications are subject to change without notice.

