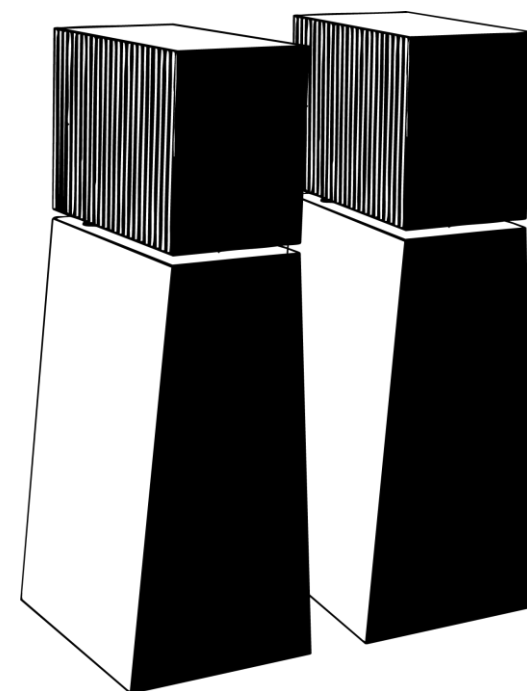


USER MANUAL

RHEA PASSIVE
PASSIVE Speaker System



Thank you for purchasing the Goldmund RHEA PASSIVE.

Please take some time to read this manual. It may provide you with useful information to make your pleasure of listening to the RHEA PASSIVE even higher.

INTRODUCTION

RHEA PASSIVE PASSIVE Speaker System

Since 1978, Goldmund has been dedicated to developing audio equipment of the highest quality and accuracy to immerse you in the most realistic audio experience possible.

At Goldmund, we are committed to being at the forefront of the creation, development, and manufacture of the industry's most advanced technologies, including audio systems and music distribution.

Our aim is to provide the most accurate sound possible, with the least possible loss of quality during the various stages. With a team of rigorous engineers, Goldmund is constantly pushing back the boundaries of the exceptional to keep developing its own ever more innovative technology.

! W A R N I N G !

Only careful use can provide the satisfaction you are expecting from this product.

All handling must be performed according to the following instructions to avoid deterioration of the speaker.

Nevertheless, if the instructions are carried out in full, you will notice that the use of the RHEA PASSIVE speaker is quite simple and convenient.

IMPORTANT

PLEASE DO NOT CONNECT ANY CABLES OR MOVE ANY PART BEFORE READING THE FOLLOWING INSTRUCTIONS.

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1 PRELIMINARIES

The RHEA PASSIVE stereo loudspeaker incorporates revolutionary technologies to deliver an unprecedented level of definition and neutrality in audio reproduction.

To ensure optimal performance, please read the following instructions carefully. For professionals, musicians, and all those seeking the highest standards in sound quality, we recommend using premium-grade components, especially in terms of electronics and cables.

2 UNPACKING

Each unit of the RHEA PASSIVE stereo loudspeakers is securely packed in a custom-designed flight case and requires careful handling during unpacking. We recommend that four individuals collaborate to unpack and install the loudspeakers, as some steps demand both precision and physical effort.

Inside the custom flight cases, you will find:

- One pair of speakers
- Speaker grids
- Two pairs of bridges (installed on the speaker)
- Two pairs of bridges for bi-amping
- This owners manual

CAUTION

If the speakers need to be returned to the factory or a local representative for warranty repairs, they must be repacked in the original packaging. This specialized packaging is designed to protect the speakers during transport. Use of alternative packaging may result in damage not covered under warranty.

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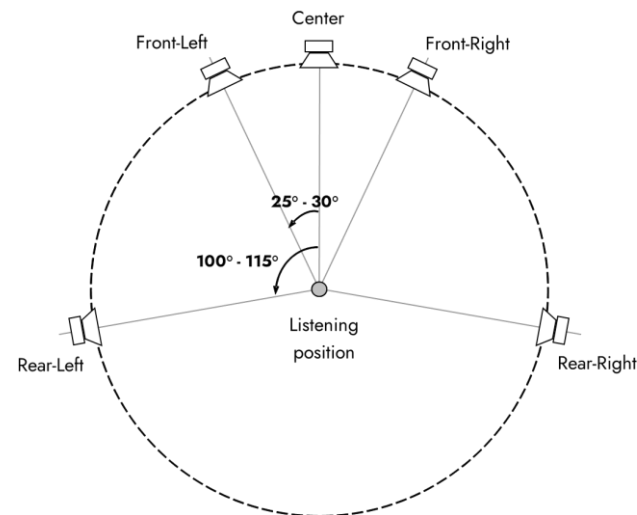
SELECTING THE SPEAKER LOCATION

Thanks to Goldmund's proprietary Mechanical Grounding™ technology, optimal performance of the RHEA PASSIVE speakers requires placement on a rigid floor. This technology minimizes vibrations within the loudspeakers, preserving sound neutrality by reducing resonance and coloration.

The loudspeakers are equipped with adjustable feet to ensure stability and allow the Mechanical Grounding™ tip to make direct contact with the floor for vibration dissipation.

Stereo Configuration: The ideal placement of the speakers in the room should be determined by careful experimentation. Avoid placing the speakers in corners and maintain at least 60 cm (2 feet) of distance from adjacent walls. The ideal listening position is 1 to 1.5 times the distance between the speakers, equidistant from both. If possible, separate the speakers by at least 3 meters (10 feet) to achieve an expansive stereo image.

Multi-Channel Configuration: position the speakers as close as possible to the recommended configuration shown in the diagram below.



Depending on the room's acoustics, the speakers can be positioned either parallel to the listener or slightly angled inward.

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CONNECTING THE AMPLIFIER

When connecting amplifiers, it is crucial to use units with sufficient speed and dynamic range to complement the RHEA PASSIVE. Low slew rate amplifiers may fail to adequately control fast transient signals, compromising sound quality. For best results, we recommend using high-quality loudspeaker cables.

Mono-Amplification: connect the amplifier cables to the pair of binding posts on the speaker's rear panel. Use high-quality banana plugs and ensure a secure fit.

Bi-Amping: remove the bridges between the three sets of connectors and replace them with the two additional bridges provided in the packaging. You have two configuration options:

1. High & Medium Bridged: Connect the High and Medium sections (Tweeter + Medium) with one bridge, and use a separate amplifier for the Low section (Woofers).
2. Medium & Low Bridged: Connect the Medium and Low sections (Medium + Woofers) with one bridge, and use a separate amplifier for the High section (Tweeter).

Tri-Amping: remove the bridge between the three sets of connectors, by unscrewing the adjustable plugs completely. Use a dedicated amplifier for each section: High (Tweeter), Medium (Medium), and Low (Woofers). This requires one amplifier per section, for a total of three amplifiers.

5 RUNNING-IN

The RHEA PASSIVE speakers are thoroughly tested before leaving the factory. However, like all high-performance audio systems, they require a running-in period to reach their full potential. We recommend allowing several days of playback to achieve optimal sound quality.

During the first few hours, sound performance may vary. To expedite the process, play the speakers at a relatively high volume for some time before performing any fine-tuning or positional adjustments.

6 MAINTENANCE & CLEANING

- Use a clean, soft, damp cloth to wipe the metal casing. If necessary, moisten the cloth with water or a mild detergent solution.
- Avoid abrasive or aggressive cleaners, such as those containing sodium carbonate.
- The identification plate is plated with precious metal. Clean it gently using a soft cloth and avoid using chemical solutions.

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TECHNICAL SPECIFICATIONS**DRIVERS**

- 1 x soft dome tweeter
- 1 x 7" medium
- 1 x 12" woofer

BASS LOAD

- Vent loading

FREQUENCY RESPONSE

- 27 Hz (-6 dB) > 25 kHz

IMPEDANCE

- Nominal value: 6.0 Ohms
- Minimal value: 4 Ohms

TOTAL SIZE & WEIGHT PER UNIT

- 45 W x 135 H x 54 D (cm)
- 17.72 W x 53.15 H x 21.26 D (inch)
- 123 Kg

Information and product specifications contained in this manual are subject to change without prior notice.

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