

USER MANUAL

MELOS

Passive Speaker System



Thank you for purchasing the GOLDMUND MELOS PASSIVE.

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

INTRODUCTION

MELOS 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 and video systems, home networking 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 !

Absolutely no connections or manipulations should be attempted prior to thoroughly reviewing these instructions. Failure to adhere to the subsequent instructions may lead to damage to the amplifier.

These exceptionally high-quality amplifiers incorporate novel technical advancements that are imperative for achieving precise sound reproduction within top-tier audio systems.

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

All handling must be performed according to the following instructions to avoid impairing the amplifier's performance.

IMPORTANT

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

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PRELIMINARIES

The MELOS passive loudspeaker uses revolutionary technologies to achieve a level of definition and neutrality never reached before in a loudspeaker system.

For optimal use of your passive speakers, please carefully read the following instructions. For professionals, musicians and all those who expect the very best in audio reproduction, we advocate the use of the highest quality components, especially in terms of electronics and cables.

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UNPACKING

The MELOS passive loudspeaker requires special care when unpacking. We recommend that two people unpack and install the loudspeaker, as certain operations require a great deal of attention.

You will find the following items within the custom packaging:

- The pair of speakers
- The power cord
- This manual

Please unpack the components with care.

ATTENTION

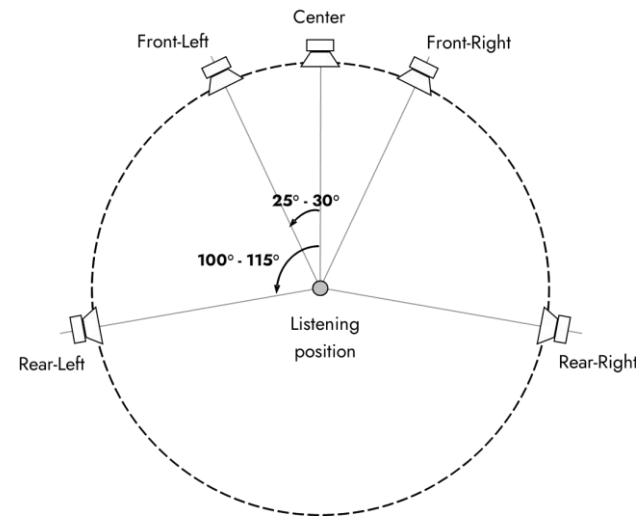
Should you need to return the speakers to the factory or to your local representative for warranty repair, please note that they must be repacked in the original packaging. This packaging has been specifically designed to protect the speakers during transit. Use of any other packaging will inevitably result in damage which cannot be covered by the warranty.

SELECTING THE SPEAKER LOCATION

Thanks to the use of Mechanical Grounding™ technology manufactured by Goldmund, it is essential to have a rigid floor to obtain optimum sound from your MELOS. This technology uses the laws of physics to evacuate vibrations from any structure, thus reducing the resonance of the loudspeakers, but also of the electronics, where mechanical vibrations are one of the main sources of coloration, thereby preserving the naturalness of the sound.

In stereo, the ideal position of the speakers in the room should be determined by experience. Avoid placing the speakers in a corner of the room and try to keep them at least 60 cm (2 feet) away from an adjacent wall. The ideal listening position is about 1 to 1.5 times the distance between the speakers at equal distance from each. If the room size allows, try to separate the speakers by at least 3 m to achieve a large stereo image.

In multi-channel system, it is recommended to put the speakers as close as possible to the positions shown in the figure below:



Depending on the room acoustics, the speakers may be standing parallel or slightly tilted toward the listener.

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CONNECTING THE AMPLIFIER

If you do not use Goldmund amplifiers, make sure to select amplifiers with sufficient speed and dynamic range to do justice to the qualities of the MELOS. A slow amplifier will not have the capability to properly hold the ultra-fast drivers of the MELOS.

The amplifier may be connected to the 2 x 5 ways plug connectors on the back panel using highest quality banana plugs which can be tighten in position or the Lemo type connector using a speaker adaptor or directly with a Goldmund speaker cable.

Try using the Goldmund Speaker Cable to allow the speed of the amplifier to properly control the drivers of the speaker. Any cable of lower quality or speed can ruin the sonic capabilities of the MELOS.

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RUNNING-IN

The MELOS passive loudspeaker was checked and tested before leaving the factory. However, like any high-quality loudspeaker system, the MELOS needs several days of playback before it achieves the maximum sound quality for which it was designed. The first few hours can be very frustrating for a demanding listener. Don't hesitate to let them play quite loudly for a while before proceeding with any real system tuning or position adjustment.

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MAINTENANCE & CLEANING

To clean the metal casing of the speaker, use a clean, soft, damp cloth. Moisten it with water or a mild detergent solution. Avoid abrasive or aggressive cleaners (for example, products containing sodium carbonate). The product identification plate is made with precious metal. Simply wipe clean with a soft cloth, using no chemical solution.

TECHNICAL SPECIFICATIONS

DRIVERS

- 1 x Soft dome tweeter
- 1 x 7" medium

BASS LOAD

- Vent loading

FREQUENCY RESPONSE

- 43 Hz (-6 dB) > 25 kHz

IMPEDANCE

- Nominal value: 6.0 Ohms
- Minimal value: 4.4 Ohms

TOTAL SIZE & WEIGHT PER UNIT

- 25 W x 35 H x 36,2 D (cm) ; 9,8 W x 13.8 H x 14,9 D (inch)
- 20 kg

WARRANTY

- 3 years, parts and labor (except drivers)

Information and product specifications contained in this manual are subject to change without prior notice.
Visit our website at www.goldmund.com.