

USER MANUAL

GOLDMUND PRANA Wireless Speaker System



Thank you for purchasing the Goldmund PRANA active speaker. Goldmund fully incorporates the technological expertise developed by our company throughout many years. Please take some time to read this manual. It will provide you with useful information to make your pleasure of listening to the PRANA speaker even higher.

INTRODUCTION

GOLDMUND PRANA Active Speaker

Goldmund was founded in 1978 and has ever since been dedicated to the accurate reproduction of sound and image.

At Goldmund, we strive to lead in the creation, development and manufacture of the industry's most advanced technologies, including audio and video systems.

The guiding principle at Goldmund is to produce a precise sound with the least possible loss of quality through the different stages. Goldmund will never adopt a technology before it is sufficiently developed to satisfy the high quality standards we set. This is why Goldmund has often rejected mainstream technologies and developed its own.

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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 PRANA active speaker is quite simple and convenient.

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

1

PRELIMINARIES

The PRANA active speaker uses very innovative technologies to achieve a level of definition and neutrality never found before in a speaker system.

Please read very carefully the following instructions. These high-precision speakers are extremely revealing and can provide the best sound only if they are used properly.

For exacting technicians, musicians, and all those who demand the very best in audio reproduction, we strongly recommend the use of the best associated components, especially electronics and cables.

2

UNPACKING

The PRANA active speaker requires special attention during unpacking, we recommend 2 people for unpacking and installation of this unit, some handling steps necessitate a lot of care.

ATTENTION

If you need to return the speakers to the factory or to your local representative for a warranty repair, please note that it must be repacked in the original packing. This packaging has been designed especially to protect the speaker in transit. Use of alternative packaging will almost inevitably result in damage, which cannot be covered by the warranty.

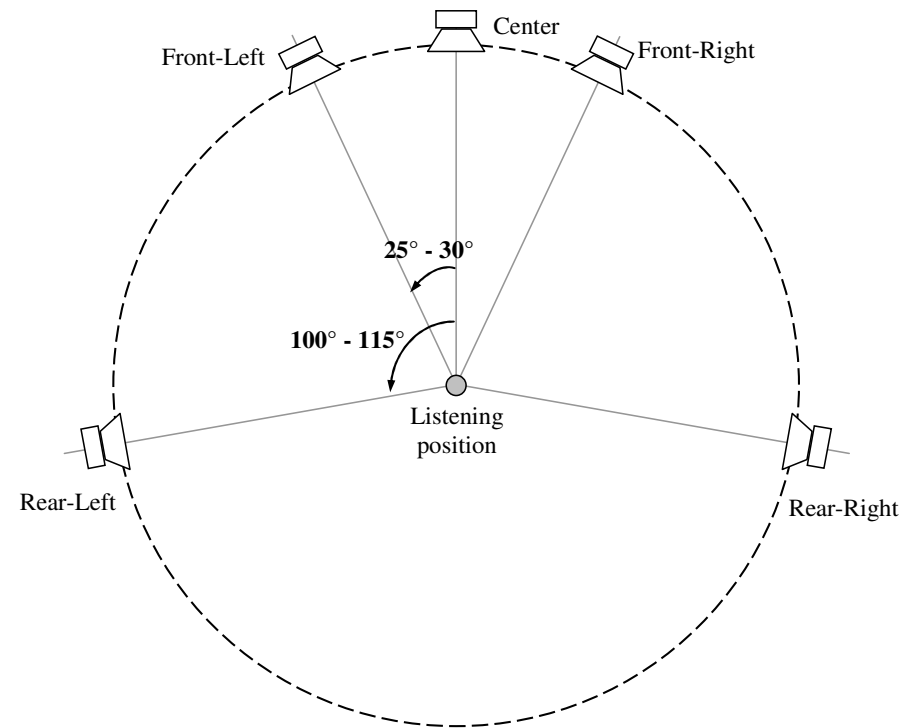
3

SPEAKERS LOCALISATION

A rigid floor is very important for the optimal sonic result of your PRANA.

In stereo, the ideal location of the speaker in the room has to be found by experiment. Avoid standing the speakers in the corner of the room and try to set them away from any adjacent wall by 60cm (2 feet) minimum. The proper listening position is located by 1 to 1.5 times the distance between the speakers at equal distance from each. If the room size permits, try separating the speakers by minimum 3m (10') to provide 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.

Wiring:

Usable in any type of configuration, the PRANA has built-in amplifiers with built-in input DSP crossovers. The input is an unbalanced digital input (S/PDIF).

When used with a digital input signal, connect the digital cable to the digital input connector.

Wireless:

To achieve optimal performance, please observe the following points:

- The PRANA and the USB dongle or Wireless Transmitter should be placed in the same room.
- There should be no metallic obstacles between the USB dongle or Wireless Transmitter and the PRANA, which could influence the wireless link.
- The computer with the USB dongle should not be moved around during playback.

Wireless audio link range:

The range of the wireless audio link depends on several factors, such as the amount of WiFi equipment used in proximity of the PRANA system, as well as the building materials and the architecture of the room.

Depending on the above mentioned factors, the maximum range will normally be from 5 to 20 meters.

To use the PRANA in wireless, follow these steps:

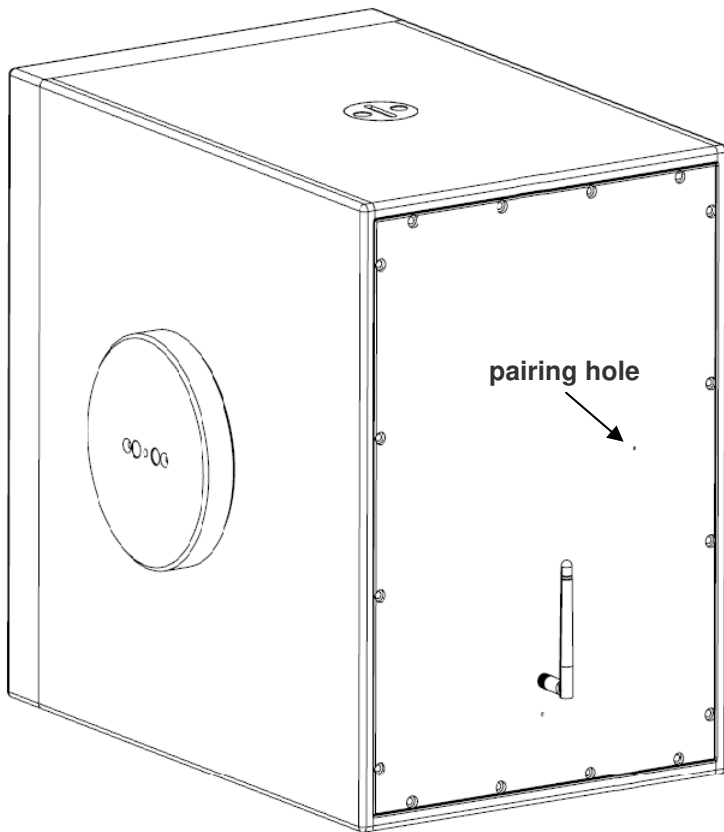
- Connect the speaker to a mains outlet using the power cords contained in the box.

4

CONNECTIONS (Ctd.)

Attention:

Due to the high gain of the PRANA speaker, please make sure that the media player is set to a low output level, before connecting the dongle to the computer.



- Connect the USB dongle to an USB port on your computer, the Wireless Transmitter to the corresponding output channel of your acoustic processor or Wireless Hub.
- If you use the USB dongle: in your computer's audio settings, select the USB dongle as the audio output. If you use the Wireless Transmitter: contact your Goldmund representative who will be able to load and change the configuration file into your acoustic processor.

The system is now set up and ready to be used. The volume is set directly on the computer (when used with the dongle) or on the acoustic processor (when used with a Transmitter) or directly on the Wireless Hub.

The PRANA and the associated USB Goldmund dongle are delivered prepared. However, if you would like to do a re-pairing of the speaker with the dongle for any reason, please follow these steps:

- Connect the USB dongle to your computer or the Wireless Transmitter to your acoustic processor or Wireless Hub.
- Insert a small screwdriver into the pairing hole located on the back panel of the Tweeter/Medium's speaker box, see drawing in the note section for the exact pairing hole location.
- Gently press the internal pairing button using the screwdriver.
- As soon as the pairing is done, the locking LED will light up.
- The pairing is done.

In case you lose your dongle, you can order another one from your distributor who will also pair it to your speakers.

The digital signal is treated with the Proteus technology. The PRANA has no active filtering (hardware crossover). The PRANA uses a full digital filtering, the crossover is made by software inside the DSP speaker board.

Only an official Goldmund representative is able to load and change the configuration file, do not change it by yourself.

4

CONNECTIONS (Ctd.)

A wrong setting can damage the speakers; the warranty will not cover any factory change without the approval of an official Goldmund representative

The PRANA is automatically powered ON when it receives modulation. When the digital input does not receive any data for 3 seconds, the drivers are muted. They are de-muted as soon as a signal is present on the digital input and the orange LED will light up.

Main power must not be removed while the PRANA is not muted (please wait 3 seconds after the music stops before removing the mains power).

5

RUNNING IN

The PRANA active speaker has been tested at the factory. However, as any high quality speaker system, the PRANA needs several days playing music before reaching the top sonic quality they are built for. The few first hours can be very frustrating for a demanding listener.

Do not hesitate to let them play quite loud for some time before attempting any real system tuning or position adjustment.

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MAINTENANCE AND CLEANING

To clean the metal case of the speaker, you can use a clean, soft, damp cloth. Dampen with water or a mild detergent solution. Avoid abrasive or harsh cleansers (e.g. Products containing sodium carbonate).

The identification plate is plated with precious metal. Simply clean it with a soft cloth, without any chemical solution.

TECHNICAL DATA

Frequency Response

- Frequency response: 35 Hz (-6 dB) > 25 kHz.

Amplifier

- Built-In 600 W Telos amplifier per side.
- 2 x 175 W Telos amplifier for tweeter, medium.
- 1 x 250 W Telos amplifier for woofer.

Driver

- 1 x soft dome tweeter, 1 x 7" medium and 1 x 9" woofer, selected for their high linearity and dynamics.

Bass Load

- Vent loading.

Inputs

- 1 x digital S/PDIF input.
- 1 x wireless audio input.

Voltage

- Nominal range: 115 V or 230 V (+/-15 %).

Rated Power Consumption

- 390 W per unit.

Size & Weight

- 48 W x 99 H x 47.6 D (cm) – 18.9 W x 39 H x 18.5 D (inch).
- 80 kg per side with frame.

Warranty

- 3 year parts and labor.

Note:

Information and product specifications contained in this manual are subject to change without prior notice. Updated versions of this manual will be posted on our website at www.goldmund.com.

Please visit our website at <https://goldmund.com/news/> to register to the Goldmund newsletter.