

USER MANUAL

MIMESIS SIGNATURE
Analogue & Digital Preamplifier



Thank you for purchasing the Goldmund MIMESIS SIGNATURE Preamplifier.

You have acquired one of the best preamplifiers ever crafted for professional and domestic uses. Please allocate some time to peruse this manual and you shall discover invaluable insights to elevate your auditory enjoyment of the MIMESIS SIGNATURE to unprecedented heights.

INTRODUCTION

MIMESIS SIGNATURE Analogue & Digital Preamplifier

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

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!

This high-quality preamplifier possesses new technical features such as ultra-high band width and computer linking which are necessary for accurate transcription within today's best audio systems.

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 impairing the preamplifier's performance.

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

IMPORTANT

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

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PRELIMINARIES

For exacting technicians, musicians, and all high-fidelity music purists who demand the very best in audio reproduction, we strongly recommend the use of top quality power amplifiers, since most of the analogue signal integrity delivered by the preamplifier can be destroyed by using lower quality amplifiers.

For perfect analogue amplification, Goldmund recommends the Goldmund Telos series of power amplifiers.

The connection between the analogue sources and the preamplifier as well as between the preamplifier and the power amplifier, holds paramount importance. Ultra-low reflection interconnect cables are absolutely mandatory to retain the time integrity that the preamplifier is designed to provide. In most scenarios, Goldmund recommends using the special Goldmund Lineal interconnect cables.

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UNPACKING

You will find the following items within the custom packaging:

- The MIMESIS SIGNATURE preamplifier,
- The remote control and batteries (to be inserted before use),
- The power cord,
- This owner's manual.

Please unpack the components with care.

CAUTION

Should you need to return the MIMESIS SIGNATURE to the factory or your local representative for warranty repair, please be aware that it must be repacked using the original packaging.

2 UNPACKING (Ctd.)

This packaging has been designed to specifically safeguard your MIMESIS SIGNATURE during transit. Utilizing alternative packaging is likely to result in damage and invalidate warranty coverage.

3 CHOICE OF LOCATION & COOLING

The Goldmund MIMESIS SIGNATURE preamplifier generates a notable amount of heat.

It is imperative to ensure adequate cooling for the heat sinks. Please refrain from placing the preamplifier in poorly ventilated areas and avoid placing temperature-sensitive equipment on top.

The MIMESIS SIGNATURE preamplifier is equipped with four adjustable conical feet, integral to the renowned Goldmund "Mechanical Grounding" principle. These feet play a pivotal role in ensuring effective vibration transmission to the preamplifier's support structure, thereby facilitating the expulsion of detrimental vibrations within the unit. Depending on the levelness of the chosen installation surface, it may be necessary to adjust one or more of these feet to ensure complete contact points with the supporting surface and preamplifier alignment.

4 LINE VOLTAGE ADJUSTMENTS

The Goldmund MIMESIS SIGNATURE uses an internal power supply developed by Goldmund, ensuring a complete segregation of voltage between the USB component and the digital/analogue circuitry.

Your power supply unit is configured to function with the mains voltage specific to your geographical area. If any uncertainty arises, verify the power supply voltage switch located on the rear panel. Should you relocate subsequent to the preamplifier's purchase to a region with a distinct AC mains voltage, you have the option to manually adjust the voltage settings or seek guidance from your local Goldmund dealer for expert support.

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LINE VOLTAGE ADJUSTMENTS (Ctd.)

The voltage selector situated on the rear panel provides the choice between 230V (234V nominal) and 115V (117V nominal).

The power supply unit operates seamlessly with both 50Hz and 60Hz AC line frequencies.

For detailed information regarding the acceptable range of main line voltage, please refer to the Technical Specifications section at the end of this manual. Should the nominal line voltage prevalent in your region fall outside this range, please reach out to your local Goldmund dealer for assistance.

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CONNECTIONS

Connect the power cord to the rear of the preamplifier and insert it into the nearest wall socket. For safety, use exclusively a 3-pin grounded plug.

To achieve optimal audio performance from the preamplifier, abstain from utilising multi-way plugs or extension cords.

Connect a computer, CD/DVD player, or Blu-ray player to the rear panel of the Goldmund MIMESIS SIGNATURE preamplifier, employing either the RCA Analogue (inputs 1 to 3), XLR (input 4) RCA Digital, Toslink Optical connector (inputs 5 to 7) or USB Audio (input 8).

The MIMESIS SIGNATURE driver will be automatically installed on your computer when its input source is connected for the first time via the USB audio connector. Please contact your official Goldmund representative to download driver capable to play DSD files.

OS compatible USB Audio Class 1.0 (i.e. Windows Vista/XP/2000, Mac OS X, and Linux).
It supports up to 96 kHz /24 bits.

5 CONNECTIONS (Ctd.)

Once the input source is linked, connect the analogue output RCA or XLR connectors to the power amplifier's analogue input utilising a premium analogue cable, such as the Goldmund Interconnect.

Please note that only one connection can be utilized per input at the same time.

CAUTION

In some circumstances, a residual high-frequency noise might persist if an analogue input is left open and is selected. This disruption does not impact the functionality of the preamplifier, but it can be effortlessly mitigated by implementing short-circuit plugs on all unused inputs.

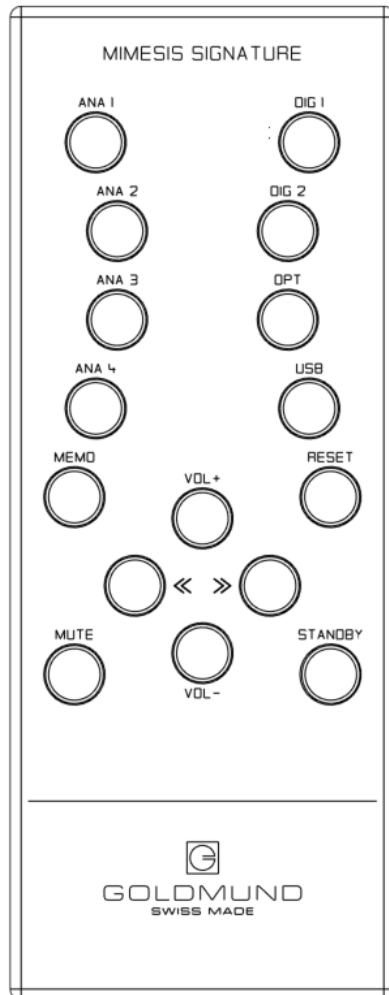
6 CONTROLS & USE

The MIMESIS SIGNATURE preamplifier can be powered on using the switch located on the rear panel. For regular use, it is advisable to keep this switch in the ON position at all times (please refer to the sound quality optimization guidelines). To safely disconnect cables, utilize the standby function on the remote control to mute the signal. The front panel operation locking LED will blink intermittently while in standby mode.

To power off the preamplifier, switch the rear panel switch to the OFF position. A safety circuit activates mute mode to prevent any disturbances from reaching the speakers.

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CONTROLS & USE (Ctd.)

**MUTING**

To mute the preamplifier's output, press the "MUTE" key on the remote control or short-press the left knob on the front panel. To return the preamplifier to its normal operation, press either the key or the left knob again, and it will resume at the same volume setting as before engaging the mute function.

VOLUME ADJUSTMENT

You can adjust the volume manually using the right knob on the front panel or by using the "VOL +" and "VOL -" keys on the remote control.

VOLUME MEMORY

This function allows you to save your preferred volume setting.

To memorize the volume using the front panel, select the desired volume, and then long-press the right knob until the volume display blinks twice. To reset to the memorized volume, short-press the right knob.

To memorize the volume using the remote control, select your desired volume and press the "MEMO" key. To reset to the memorized volume, press the "RESET" button.

INPUT SELECTOR

The selector knob allows you to choose from seven available inputs (4 analogue and 4 digital). Each clockwise step selects the next input in the sequence. Alternatively, you can make selections using the remote control by pressing the corresponding key for the input. An orange locking LED will turn on when a valid audio signal is connected to any of the inputs.

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CONTROLS & USE (Ctd.)

BALANCE ADJUSTMENTS

To adjust the balance of the preamplifier using the front panel, long-press the left knob until the letter C (center), R (right), or L (left) appear on the screen. If the balance is set at 50, the letter C will be displayed. If the balance is greater than 50, the letter R will appear. If the balance is less than 50, the letter L will be displayed. Use the right knob to fine-tune the balance. Rotating the right knob clockwise adjusts the balance to the right, and the R letter will appear on the screen. Rotating the right knob counterclockwise adjusts the balance to the left, and the L letter will be displayed. A dot in front of the volume on the screen indicates the left-right balance of the audio signal. The dot will not appear if the balance is centered.

To adjust the balance of the preamplifier using the remote control, use the keys located near the volume controls. The left button adjusts the balance to the left, and the right button adjusts it to the right. To reset the balance, press both of these buttons simultaneously.

STANDBY

To enter standby mode, press the corresponding key on the remote control or short press both knobs of the front panel at the same time.

SERIAL PORT

Control of the MIMESIS SIGNATURE preamplifier can be achieved through a conventional computer serial port. For additional details, kindly reach out to your Goldmund representative.

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SOUND QUALITY OPTIMIZATION

WARM-UP SONIC EFFECT

When the preamplifier has been powered off for an extended period, the optimal sound quality is attained gradually. It may require around 15 minutes for the preamplifier to reach its optimal operating temperature, as the circuits need to warm up to approximately +55 degrees Celsius (equivalent to 131 degrees Fahrenheit).

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MAINTENANCE & CLEANING

The MIMESIS SIGNATURE preamplifier typically requires minimal maintenance. Should maintenance ever become necessary, please get in touch with your authorised Goldmund dealer.

Prior to cleaning your preamplifier, always ensure that the power is switched OFF.

When cleaning the external metal surfaces of the preamplifier, make use of a clean, soft, damp cloth. You can lightly moisten the cloth with water or a mild detergent solution. Refrain from using abrasive or harsh cleaning agents (such as products containing sodium carbonate).

The identification plate is coated with a precious metal. Simply clean it using a soft cloth, without the need for any chemical solutions.

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TECHNICAL SPECIFICATIONS

POWER SUPPLY

- Nominal line voltage: 117 or 234 V (switchable)
- Fuse 2.5A for 110V
- Fuse 1A for 220V
- Input voltage range: +/- 10 %

ANALOGUE INPUTS

- 3 x pair RCA
- 1 x pair XLR balanced

DIGITAL INPUTS

- 2 x Digital S/PDIF
- 1 x Toslink Optical
- 1 x USB AUDIO (up to 384 kHz PCM up to DSD512)

REAR PANEL CONNECTORS & CONTROLS

- ON/OFF power switch key
- Voltage input selector
- RS232 Command connector

INPUT

- Input impedance: 50 kOhms
- Nominal input level: 2.25 V RMS
- Maximum input level (unbalanced): 4V RMS
- Maximum input level (balanced): 2V RMS

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TECHNICAL SPECIFICATIONS (Ctd.)**OUTPUT**

- 1 x pair of RCA
- 1 x pair XLR balanced

FREQUENCY RESPONSE

These values for any level to maximum output level

- +/- 0.1 dB, 10 Hz - 20 kHz
- +/- 1.5 dB, 10 Hz - 100 kHz
- +/- 3 dB, 10 Hz - 200 kHz

DISTORTION

With 1 V RMS output level, 80 KHz measurement bandwidth, 600 Ohms termination impedance

- THD unbalanced in to unbalanced out < 0.005% (-90 dB) flat with frequency
- IMD unbalanced in to unbalanced out < 0.002% (-80 dB)

NOISE

- Signal-to noise ratio: > 120 dB at 0 dBFS

OPERATING TEMPERATURE

- Room temperature: -30 to +40 degrees Celsius (-22 to +104 degrees Fahrenheit)
- Internal temperature: +45 to +65 degrees Celsius (+113 to +149 degrees Fahrenheit)

SIZE & WEIGHT

- 44 W x 40 D x 13.2 H (cm) – 17.32 W x 15.75 D x 5.20 H (inch)
- 15 kg

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