

USER MANUAL

GOLDMUND MIMESIS 330 Analog Integrated Amplifier



Congratulations.

Thank you for purchasing the GOLDMUND MIMESIS 330.

You have acquired the best Analog Integrated Amplifier ever made for professional and domestic uses.

Please take some time to read this manual. It may provide you with useful information to make your pleasure of listening to the MIMESIS 330 even higher.

INTRODUCTION

The GOLDMUND MIMESIS 330 ANALOG INTEGRATED AMPLIFIER

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, home - networking and music distribution.

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.

W A R N I N G



No connection or manipulation must be done before reading those instructions. Damage of the amplifier may result if the following instructions are not consciously understood and applied.

This high quality amplifier possesses new technical features such as ultra-high band width and computer linking which are a necessity for accurate transcription of analog messages for todays best complete systems.

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

The installation instructions must be carried out in full and the mentioned precautions taken to get the expected result and to avoid impairing the amplifier's performance.



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UNPACKING THE MIMESIS 330 ANALOG INTEGRATED AMPLIFIER

You will find in the GOLDMUND mimesis 330 box:

- The amplifier & power cord
- The remote control
- This manual

Please keep the packaging in case you need to transport the amplifier at a later date.

WARNING

IF YOU NEED TO RETURN THE MIMESIS 330 TO THE FACTORY OR TO YOUR LOCAL REPRESENTATIVE FOR A WARRANTY REPAIR, **PLEASE NOTE THAT IT MUST BE REPACKED IN THE ORIGINAL PACKAGING.**

THIS PACKAGING HAS BEEN DESIGNED SPECIFICALLY TO PROTECT YOUR MIMESIS 330 IN TRANSIT. USE OF ALTERNATIVE PACKAGING IS LIKELY TO RESULT IN DAMAGE, INVALIDATING WARRANTY COVER.

2

CHOICE OF AMPLIFIER LOCATION AND COOLING

The GOLDMUND MIMESIS 330 amplifier, as all high quality amplifiers generates a large amount of heat when driven at high levels and must be vented properly. It is mandatory to allow a proper cooling of the heat sinks. Do not put temperature sensitive equipment on top of the amplifier.

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LINE VOLTAGE ADJUSTMENT

A voltage selector is provided on the backplate of the amplifier.

If your line voltage is not adapted to the voltage indicated on the serial plate of the amplifier, please consult your local GOLDMUND dealer for internal adjustment.

ATTENTION

On the 220V position, the GOLDMUND mimesis 330 amplifier will function properly for main line voltage between 190V and 245V. On the 110V position, the main line must deliver between 95 and 125V. If your main line is usually out of these tolerances, please consult your GOLDMUND dealer.

Please check the value of the main line fuse. This fuse is located on the back panel of the amplifier, above the two power cord receptacles.

Use a 5A delayed fuse for 220V and an 8A delayed fuse for 110V.

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CONNECTIONS

Connect the power cord to the back of the amplifier and plug it into the nearest wall plug. Use only a 3 lugs grounded plug, for safety reasons. To get the best sound from the amplifier, avoid any multiple plug or extension cord.

Connect the speaker cables to the 5-way binding posts on the back panel.

Connect the interconnects from the analog source devices to the line inputs numbered 1 to 5.

For the D/A option, connect the interconnects from the analog source devices to the line inputs numbered 6 to 8.

ATTENTION

A residual High Frequency noise may remain audible in some circumstances if an input is left open and is selected. This disturbance has no effect on the Amplifier but may be easily avoided with the application of short-circuiting plugs on all unused inputs.

AMPLIFIER CONTROLS

Manual Operation

On the front plate of the GOLDMUND MIMESIS 330 amplifier you will find only two POWER keys.

In the Manual Operation mode, the two POWER keys have to be activated simultaneously to power the amp on.

This security feature is provided to avoid accidental POWER ON or POWER OFF.

When the two keys are pressed simultaneously, the amp switches on in "Operating" mode and the center green Led lights on showing the amp is POWERED ON.

If the digital input is used, the yellow Led may flicker, showing there is no lock and the amp remains muted until a lock is found.

With an analog input, the amp is immediately operational.

By pressing the right key once, the amplifier is put in Mute mode, and the green Led flickers.

By pressing the right key once again, the amplifier returns to "Operating" state.

The amp may be POWERED OFF by pressing the two POWER keys simultaneously at any time.

AMPLIFIER CONTROLS

POWER

The MIMESIS 330 Analog Integrated Amplifier is powered on using the switch located on the back panel. In regular use this switch should be left ON at all times (See Sound Quality Optimization). The standby function of the remote control should be used to mute the signal for the safe removal of cables.

The Amplifier is powered OFF by switching the back panel switch to the OFF position. A safety circuit switches the unit to mute to avoid any disturbance reaching the speakers.

MUTING

Muting is controlled using the remote control. It can be used to turn the volume down temporarily without touching or changing the volume control. When returned to normal, the volume is returned to its level at the point the muting was activated.

VOLUME

Volume may be adjusted manually by turning the volume control knob, or by using the VOLUME + or - on the remote control.

SELECTOR

Selects one of the eight (if the D/A option is selected, five if not) available inputs for listening. One step clockwise selects the next input. Selection may also be made using the remote by pressing the key corresponding to the input on the Analog section of the remote.

OPENING VOLUME MEMORY

This function is only accessible via the remote control. It allows the volume to be automatically set to the level fixed when the unit is turned ON.

To adjust the level, first play at the desired output level, then press MEMO on the remote.

If at any time during playback you wish to return to this level, just press the RESET button.

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SOUND QUALITY OPTIMIZATION

Warm-up Sonic Effect

If the amplifier has been powered OFF for some time, the optimum sound quality is only reached after some time. It may take 15 minutes for the amplifier to reach optimum operating temperature, as the circuits have to warm up to around +55 degrees Celsius (=131 degrees Fahrenheit).

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MAINTENANCE

The GOLDMUND MIMESIS 330 amplifier usually requires no maintenance.

Always turn the power OFF before cleaning your amplifier. Use a clean, soft, damp cloth to clean the amplifier surface. Dampen the cloth with water or a mild detergent solution. Avoid abrasive or harsh cleansers (eg. products containing sodium carbonate).

TECHNICAL DATA

POWER

- Nominal power: 165 W RMS (8 Ohms) (330W Total)
- Maximum instantaneous power before clipping: 250 W per channel

FREQUENCY RESPONSE

These figures are valid for the circuit alone, at any level between 0 and nominal power.

- +/- 0.1 dB, 0 - 50 kHz, +/- 1 dB, 0 - 150 kHz.
- +/- 3 dB, 0 - 300 kHz.

INPUT SENSITIVITY

- Nominal level: 1 V RMS.
- Nominal input impedance: 50 kOhms.

GROUP DELAY

- Propagation delay < 1ms stable with frequency from DC to 100 kHz.

DISTORTION

Figures valid for all levels from 0 to 25 V / 8 Ohms:

- Dynamic: TID < 0.003 % (- 80 dB).
- Static: THD < 0.003 % (- 80 dB).

SPEED

- Slew rate: > 30 V/us
- Rise time: < 500 ns.

POWER SUPPLY

- Nominal line voltage: 117, 234 V (switchable).
- Input voltage range: +/- 10 %.
- Maximum power consumption: 700 W.

NOISE

- Signal-to noise ratio: > 90 dB
- Weighted ASA A: > 100 dB.

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).

TECHNICAL DATA

GROUNDING

- Separated ground and earth.
- Floating chassis connected to mains earth.
- Possible link for optionally connecting both.

CROSSTALK

- Separation: >90dB between channels.

PRODUCT SPECIFIC SAFETY FEATURES

- Automatic switching to MUTE if the AC line drops or is interrupted.

FRONT PANEL CONTROLS

- Volume control.
- Selector input switch.

REAR PANEL CONNECTORS AND CONTROLS

- Power cord: universal socket 3 lugs.
- Main fuse: 5A slow blow 110V/8A slow-blow 220V.
- Green-yellow AC earth binding post.
- Speaker 5 ways binding posts (left and right).
- Voltage selector 110/220V.
- Inout connector RCA (right and left) for line inputs.

SIZE AND WEIGHT

- 44 cm (17.3") W x 38 cm (15") D x 10 cm (4") H.
- Weight: 14 kg net.

WARRANTY

- 3 years parts and labor.