

Congratulations.

Thank you for purchasing the Goldmund SR8.

You have acquired the best multi-usage Preamplifier 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 Goldmund SR8 even higher.

INTRODUCTION

The GOLDMUND SR8 UNIVERSAL PREAMPLIFIER

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



This high quality controller possesses new technical features which are necessary for an accurate multi-channel processing of the today's best Audio Multi-channel signals.

Only a careful use can provide all the satisfaction you are expecting.

All handling must be performed according to the following instructions to avoid the preamplifier's deterioration.

Nevertheless, if the instructions are perfectly carried out, you will notice that the use of the Goldmund SR8 is quite simple and convenient.

IMPORTANT

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



SR8 Universal Preamplifier

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PRELIMINARIES

Please read very carefully the following instructions. This high-precision unit will provide the best digital signal possible to your digital-input power amplifiers thanks to its unique technology.

For exacting technicians, musicians, and all amateurs who demand the very best in musical reproduction, we strongly recommend the use of top quality amplifiers with a digital input, since most of the digital signal performance delivered by the SR8 can be deteriorated by using lower quality amplifier or D/A converters.

The connection between the analogue and digital sources and the preamplifier as well as between the SR8 and the power amplifiers are also critical. Ultra low reflection interconnect cables are absolutely mandatory in analogue and precise impedance SPDIF cables in digital to keep the time integrity that the best systems may provide. In all typical cases Goldmund recommends using the special Goldmund Lineal interconnect and digital cables.

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UNPACKING

You will find in the package:

- the Controller itself,
- the power cord,
- the remote control,
- this owner's manual.

Unpack carefully the above-mentioned parts.
Keep the whole package for future use.

WARNING

IF YOU NEED TO RETURN THE SR8 TO THE FACTORY OR TO YOUR LOCAL REPRESENTATIVE FOR A WARRANTY REPAIR, PLEASE NOTE THAT IT MUST BE REPACKED IN THE ORIGINAL PACKAGE. OTHERWISE A NEW PACKAGE WILL BE CHARGED AS WELL AS THE REPAIR OF DAMAGES OCCURRED DUE TO POOR PACKAGING CONDITIONS.

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CHOICE OF THE SR8 LOCATION

Select a very rigid support, as for your CD player transport.

The distance between the SR8 and the power amplifiers is usually not critical since the signal is carried in the digital domain. However, you must use coaxial links of highest quality like the Goldmund Lineal in order to maintain the time accuracy of the signal. The Goldmund Lineal cables have been designed to maintain this accuracy and are highly recommended, especially for long distances. For some high impedance output analogue sources, a short distance to the Preamplifier is mandatory.

If you want to achieve the best possible sonic result, select a position on a shelf or on a piece of furniture where the Preamplifier is isolated from vibrations of mechanical components, like the CD transport itself.

You must also be careful to locate your SR8 in a very well ventilated location. When powered on, the SR8, as all high quality electronic equipment, generates a significant amount of heat, which has to be evacuated by natural ventilation.

For the same reason, it is perfectly normal that, after few hours of operation, your SR8 gets quite hot.

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POWER SUPPLY

The Goldmund SR8 uses multiple power supplies developed by Goldmund to provide totally separate voltage to each part of the digital and analog circuitry.

Your power supply has been set to operate with the mains voltage of your area. Check on the power supply voltage switch if there is any doubt. If you move after purchasing the preamplifier to an area using a different AC mains voltage, you can change the voltage by yourself or consult your local Goldmund dealer for assistance.

The power supply unit can operate indifferently with both 50 & 60 Hz mains.

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FIRST INSTALLATION AND CONNECTIONS

5.1

POWER CONNECTION

Plug the AC power cord to the power supply and in a wall socket.

The Preamplifier is and remains on power as soon as the power switch located on the back panel is turned on. For best sonic results, Goldmund recommends to leave the unit powered on permanently.

When turned ON by the back panel power switch, the unit accomplishes a self-test run by its internal software, then a software routine successively test the modules inside the machine. If any abnormal functioning is detected, it is displayed on the front panel.

5.2

COMPUTER CONFIGURATOR

The SR8 is so versatile that the typical configurations in which it can be used are limitless. In order to set the unit to work in your own configuration, a Windows configurator is available on our web site. The installer or dealer who is setting up the machine must download this program in any Windows compatible machine and run it to describe the environment in which the machine will be used. A serial cable (null-modem type) linking the computer with the SR8 will be used to download the resulting configuration into the SR8. The Configuration software is provided with a small "Readme" file which explains its functions.

5.3

SOURCES CONNECTION

Connect the analogue sources to the back panel analogue inputs and the digital sources to the digital inputs of the Goldmund SR8, using the Analogue RCA pairs input connectors for analogue sources and the Digital RCA for SPDIF digital sources.

The inputs are numbered on the back panel. Connect your favorite 2-channel analogue sources to ANA 1 to ANA 3.

When all input sources and tape machines are connected, connect the local zone digital output RCA jacks to the digital-input power amplifiers, using high quality digital cables like the Goldmund Lineal. The Db9 connector available on the back panel of the SR8 is used to link the SR8 to an external computer or control unit in order to control all the functions of the Preamplifier.

They can be also needed to link the SR8 to a computer for program changes, and initial configuration loading.

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FRONT PANEL FUNCTIONS

6.1

INPUT SOURCE SELECTION

The back panel inputs are selected by turning the front panel left knob. The first 4 positions are for digital inputs, the 3 next for analogue inputs.

When a digital input has been selected, the Channel light will light in blinking until the digital source has locked to the source frequency.

6.2

OUTPUT VOLUME ADJUSTMENT

The level control may be adjusted by hand or by remote control. It acts for all channels simultaneously if the unit is playing a multi-channel source.

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REMOTE-CONTROL

Your SR8 has built-in remote-control for volume, balance and input selection.

The Mute circuit can also be activated by the remote. To mute or de-mute the SR8 with the remote, press the "Mute/Stby" key briefly.

To put the SR8 in Standby mode, press the "Mute/Stby" key continuously until the SR8 goes to Standby, indicated by the Standby Led on the front panel.

The SCREEN and LIGHT keys will be used in future applications.

The MUTE/STDBY key is used to control the muting and standby of the unit (see before).

The VOL+ and VOL- keys are adjusting the general volume.

The 4 balance keys (diamond configuration) are controlling the Left/Right and Front/Rear balance directly, maintaining a constant global volume.

The 1 to 7 keys are selecting the source to listen.

MODE KEY

Selection of a mode for adjustment of the format of the incoming signal.

CALIB KEY

Lights the Leds selecting the remote red-inscribed functions, to adjust the level of Center and Subwoofer channels when in multi-channel operation. To deactivate, press the CALIB key again.

TEST KEY

Activates the pink noise.

In the Test mode:

- Use the balance right and left keys of the "diamond" to select one channel at a time.
- The balance front and rear keys are used for adjusting the selected speaker level.
- The In4 key makes all speakers play the pink noise together.
- The In1 key returns the pink noise only to the selected speaker.
- The In3 key stops the pink noise from all speakers.
- The In2 key is a toggle switch for the pink noise on the selected speaker.

The SR8 can be controlled by any RC5 coded remote-control emitter. The codes are available upon request. Most of the programmable transmitter units available have the capabilities to drive the SR8 as a standard digital preamplifier, for all the specified functions.

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CLEANING

Always disconnect the power cord from the wall socket before cleaning your Preamplifier.

To clean the metal of the Preamplifier, always use a very soft cloth to avoid scratching the surface. Use a soft cloth slightly wet for usual maintenance

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TECHNICAL DATA

INPUTS AND TAPE CONFIGURATION

- 3 analogue 2-channel inputs.
- 4 digital inputs (4 x RCA). Any one can be selected to receive multi-channel encoded signal by the software configurator.

DIGITAL OUTPUTS

- 4 Digital RCA SPDIF outputs with 2 channels for each.
- Front panel and remote-control adjustable level control with more than 102 dB range and 0.2dB accuracy in the 0->-50dB range.

REMOTE CONTROL

- RC5 Standard remote system compatible with standard programmable remote control transmitter (codes available on request).
- Volume and balance control.
- Selection of the source.
- Remote Muting and Standby.
- Calibration and test tone

TECHNICAL DATA

FRONT PANEL CONTROLS

- 2 knobs for input selection and volume control.
- Individual control by Leds of the input selected for listening.
- Direct Led format, balance and function display.
- 2 characters numeric display.

POWER SUPPLY

- 3 separate transformers.
- 6 separately regulated power supplies.
- Nominal AC line voltage: 117 V or 234 V.
- Input voltage range: +/- 15%.
- Maximum power consumption: 55 W.

SIZE AND WEIGHT

- 44 cm W x 38 cm D x 6 cm H.
- 11 kg.

WARRANTY

- 3 years parts and labor.