

**GOLDMUND CHIASMA10
NETWORK AUDIO RECEIVER**

USER MANUAL

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CONGRATULATIONS

Thank you for purchasing the Goldmund Chiasma 10. You have acquired a very advanced Audio Home Networking Component for professional or domestic use. Please take some time to read this manual. It may provide you with useful information to make your pleasure of using your Chiasma 10 even higher.

WARNING !

All handling must be performed according to the following instructions to avoid the controller's malfunction or deterioration.

Nevertheless, if the following instructions are correctly carried out, you will notice that the use of the Chiasma 10 is quite simple and convenient.

Important : Please do not connect any wire or move any part before reading the following instructions.

1. PRELIMINARIES

Please read very carefully the following instructions for installing the unit.

This high-technology Audio Home Network Component is used in a wireless distribution network for music inside the whole house, in association with the "Goldmund Library" software and a Chiasma 1 Central controller.

For exacting technicians, musicians, and all amateurs who demand the very best in music storage and distribution, in association with the "Goldmund Library" software, the Chiasma 1 becomes a powerful server which can be distributing music up to 20 different locations for 10 simultaneous different users each maintaining their own music database. The Chiasma 1 may be used to load your CD's in the built-in database, encode it with choice of 3 encoders, store the music in its own hard disks and distribute it through a wired or wireless standard Windows network.

In the Chiasma 10 the music is received from the network wirelessly and transformed in a digital Audio signal of SPDIF format accessible on the back RCA plug of the unit.

2. UNPACKING

You will find in the package :

- the Chiasma 10 itself,
- the power cord,
- this owner's manual.

Unpack carefully the above-mentioned parts.

Keep the whole package for future use.

Warning :

If you need to return the unit 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.

3. CHOICE OF THE CHIASMA 10 LOCATION

The Chiasma 10 is built by Goldmund using the best known technology of noise and vibration cancellation (Goldmund "Mechanical Grounding") to insure a very silent and vibration free operation.

Select a very rigid support for your receiver.

To better use the local SPDIF output, the Chiasma 10 may be located inside the room system in a rack or any especially designed cabinet. Its construction, designed in collaboration with the "Sylans" company specialized in silent computer technologies, makes it silent enough to be located in any place of the listening room.

Since it is part of a wireless network, the Chiasma 10 must be located in a privileged position giving a 100% link to the wireless router to insure a maximum throughput of the network.

You must also be careful to locate your Chiasma 10 in a reasonably well ventilated location. When powered on, the Chiasma10, 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 Chiasma 10 gets quite hot.

4. POWER SUPPLY

The Goldmund Chiasma 10 controller uses a power supply selected by Goldmund to provide totally separate voltage to each part of the digital and analog circuitry. Your power supply unit has been set to operate with the mains voltage of your area. Check on the power supply voltage switch (located inside the box, just behind the front panel) if there is any doubt. If you move after purchasing the controller 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 and 60 Hz AC line.

5. FIRST INSTALLATION AND CONNECTIONS

Power Connection

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

The controller is and remains on power as soon as the power cord is connected. For practical use of a home network, Goldmund recommends to leave the controller powered on permanently.

The software needed for the standard function of the unit has been loaded at the factory. In a standard Chiasma Network, no other software adjustment is necessary. A label located on the back of the unit provides the Mac Address of the built-in 802-11g wireless Lan adapter to be used in a secured installation to load the list of the network units in the Wireless router.

The same label indicated on which name the machine will be included in the network.

When turned ON by connecting the power cord, the unit accomplishes a self test and a boot run by its internal software which may takes a few minutes, then a software routine successively test the modules inside the machine. If no abnormal functioning is detected, the unit is automatically operational.

Spdif Output Connection

Connect the rear RCA connector to the main system preamplifier, D/A converter or Multi-channel controller. Use a high quality Goldmund lineal cable.

6. CLEANING

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

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

TECHNICAL DATA :

BUILT-IN MAIN PROCESSOR

- VIA processor, Controlled fan cooling
- 256MB DDR memory
- IDE 256MB Flashdisk loaded with the XP Embedded system and programs

DIGITAL AUDIO OUTPUT

- 44kHz 16 bits PCM output in SPDIF format.

SIZE AND WEIGHT :

- 44 cm W x 28 cm D x 6.5 cm H.
- 5 kg.

WARRANTY :

- 3 years parts and labor.