TELOS 700

Stereo Power Amplifier

GOLDMUND
SWISS MADE

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THE GOLDMUND PHILOSOPHY

Music has the power to move us.

To transport us.

To reconnect us
with a moment, a place,
an emotion.

And sometimes, to leave
a lasting mark.

Yet music is never experienced
in exactly the same way.

Our Vision

It is shaped by our attention,
our environment, and the conditions
in which we listen.

For more than four decades,
Goldmund has explored
how engineering can create
those conditions.

Not to change music.

But to transform the experience
of listening.

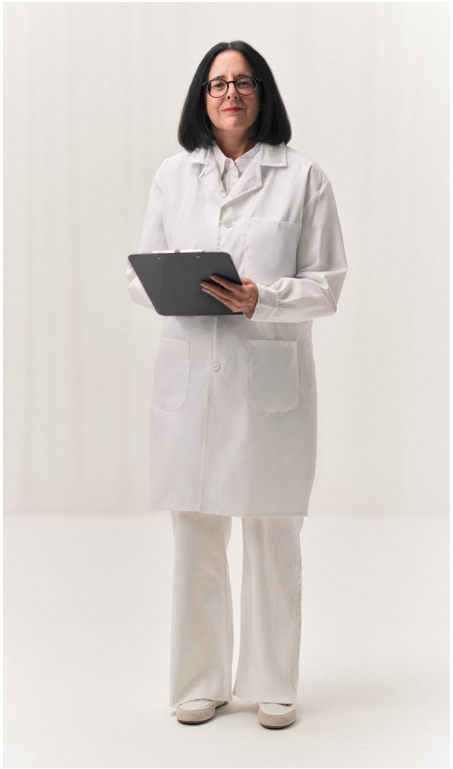
CRAFTED IN SWITZERLAND

Every Goldmund product is conceived, engineered, and assembled in Switzerland.

From its earliest days, Goldmund has embraced a culture of scientific rigor, engineering excellence, and uncompromising attention to detail.

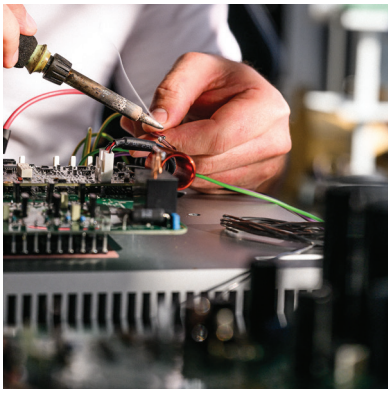
Over the years, we have continuously invested in research and development to advance the performance of audio reproduction. Many of the technologies found in our products were developed in-house, driven by a desire to explore new solutions and push beyond established limits.

This culture of innovation continues to guide every product we create, bringing listeners closer to the full richness of music.



DR VÉRONIQUE ADAM,
HEAD OF ACOUSTICS —
GENEVA, SWITZERLAND

TELOS 8800 —
INTERNAL ARCHITECTURE



ELECTRONIC ASSEMBLY —
GENEVA, SWITZERLAND



PRODUCT LEGACY

Although the Telos name was introduced in 2005, Goldmund's research into amplification began several decades earlier, notably with the Mimesis series.

Built upon this heritage, the Telos family has evolved around a consistent ambition: improving loudspeaker control while preserving the integrity of the musical signal.

Over the years, successive generations have refined Goldmund's approach to amplification, advancing precision, transparency, and musical performance.

From the Telos 150 and Telos 300 to the Telos 800, this evolution has shaped the foundations of today's stereo amplifiers.

The Telos 700 continues this lineage, bringing the architecture and musical qualities of the Telos 800 into a more compact form.



THE TELOS *HERITAGE*

COMPACT DESIGN. UNCOMPROMISING ENGINEERING.

2007

TELOS 150

The Telos 150 brought Goldmund's amplification technology into a compact stereo power amplifier.

Delivering over 300 W RMS into 3 ohms, it combined a wide frequency response extending to 200 kHz with distortion below 0.006 %.

Weighing just 13 kg, it demonstrated how Telos engineering could deliver substantial performance within a remarkably compact design.



2012

GREATER CONTROL. REFINED ARCHITECTURE.



TELOS 280

The Telos 280 introduced a stereo power amplifier built around two toroidal transformers and Goldmund's grounding principles.

Delivering 2 × 215 W RMS into 8 ohms, with a bandwidth extending beyond 200 kHz, it combined substantial power reserves with precise loudspeaker control.

Its architecture established the foundation for the Telos 300 that followed.

A NEW GENERATION OF STEREO AMPLIFICATION



2024

TELOS 800

The Telos 800 marked a significant evolution in Goldmund's stereo amplification, delivering 300 watts per channel into 8 ohms.

With a 3'200 VA toroidal transformer and substantial energy reserves, its architecture was developed to provide stability, precision, and control across demanding musical passages.

It would later serve as the foundation for the Telos 700.

A MORE COMPACT EXPRESSION OF TELOS AMPLIFICATION

2026

TELOS 700

Developed from the Telos 800, the Telos 700 brings the same fundamental amplification architecture into a more compact form, with a closely related musical character.

Its development also introduces redesigned front-panel electronics, new control buttons, a glass display cover, and an additional Trigger input for seamless system integration.

The Telos 700 carries forward Goldmund's approach to stereo amplification, combining established engineering principles with refined design and everyday operation.



THE SAME *AMBITION.* DIFFERENT *PROPORTIONS.*

The development of the Telos 700 began with a clear ambition: to bring Goldmund's approach to stereo amplification into a more compact form, while preserving the musical qualities that define the Telos family.

Conceived for a wider range of listening environments, the Telos 700 reflects a careful balance between physical proportions, engineering requirements, and musical performance.

Its development brings together Goldmund's expertise in amplification with a renewed attention to design, functionality, and everyday interaction.

The result is a distinct expression of Goldmund's amplification philosophy, designed to preserve the integrity of music and reveal its full richness and nuance.



OWNERSHIP EXPERIENCE

UNBOXING & HANDLING

A CONSIDERED BEGINNING

Every remarkable listening experience begins long before the first note is heard.

Before installing your Telos 700, take time to familiarize yourself with the amplifier and the instructions provided in this manual. Careful handling and proper installation are essential to ensuring that it performs as intended.

The attention given to these first steps lays the foundation for the listening experience to come.

PACKAGE CONTENTS

Your Telos 700 package includes:

- Telos 700 stereo amplifier
- Power cord
- User manual
- Owner Certificate

KEEP THE ORIGINAL PACKAGING. IT HAS BEEN SPECIFICALLY DESIGNED TO PROTECT YOUR TELOS 700 DURING TRANSPORTATION AND MUST BE USED IF THE AMPLIFIER NEEDS TO BE RETURNED FOR SERVICING.

HANDLING

The Telos 700 is a precision-engineered amplifier and should be handled with care.

When unpacking or moving the amplifier, support it securely from underneath. Avoid applying pressure to the front panel, display, control buttons, or rear connectors.

Before proceeding with installation, ensure that the amplifier is placed on a stable surface capable of supporting its weight.

IMPORTANT

Do not connect the amplifier to the power supply or any other equipment before reading the installation and connection instructions.

EVERY LISTENING *EXPERIENCE* BEGINS WITH ITS *ENVIRONMENT*

Before connecting your Telos 700, take time to plan its installation carefully. Proper positioning, adequate ventilation, and a stable supporting surface are essential to ensuring reliable operation and consistent performance.

The following recommendations will help you create the appropriate conditions for your amplifier.



POSITIONING



MUSIC DESERVES A PLACE DESIGNED FOR LISTENING.

Every listening room has its own character, and every installation contributes to the overall experience. Careful positioning provides the stable environment required for the Telos 700 to perform as intended, while ensuring easy access for daily use and future servicing.

For proper installation, we recommend:

- Position the Telos 700 on a rigid, level surface capable of supporting its weight.
- Choose a stable support that minimizes unwanted vibrations.
- Ensure unrestricted access to the rear panel for connections and maintenance.
- Keep the amplifier away from direct heat sources, excessive humidity, and direct sunlight.
- Avoid placing the amplifier on unstable furniture or surfaces subject to excessive vibration.

VENTILATION & COOLING

The Telos 700 generates heat during operation, particularly at high output levels. Adequate natural ventilation is essential to ensure effective cooling of its heat sinks and maintain reliable operating conditions.



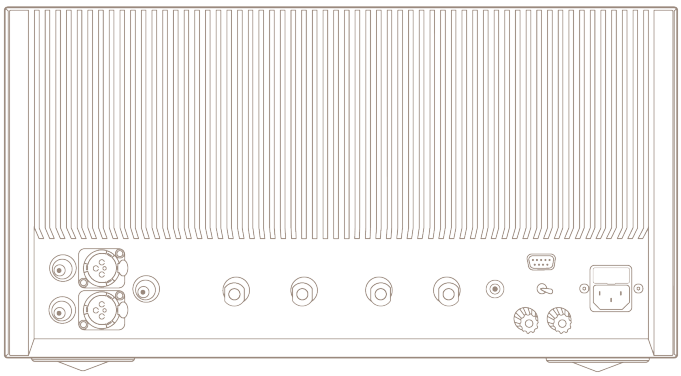
For proper cooling:

- Leave sufficient clearance around the amplifier to allow unrestricted airflow.
- Keep all heat dissipation surfaces unobstructed.
- Do not place temperature-sensitive equipment directly above or close to the amplifier.
- Avoid installing the Telos 700 inside an enclosed cabinet unless adequate ventilation is provided.
- Keep the surrounding area clean and free from excessive dust.

Important:

Never obstruct the amplifier's cooling surfaces. Inadequate ventilation may affect performance and long-term reliability.

LASTING PERFORMANCE
REQUIRES ROOM
TO BREATHE.



MECHANICAL GROUNDING

PRECISION BEGINS WITH A *STABLE* FOUNDATION.

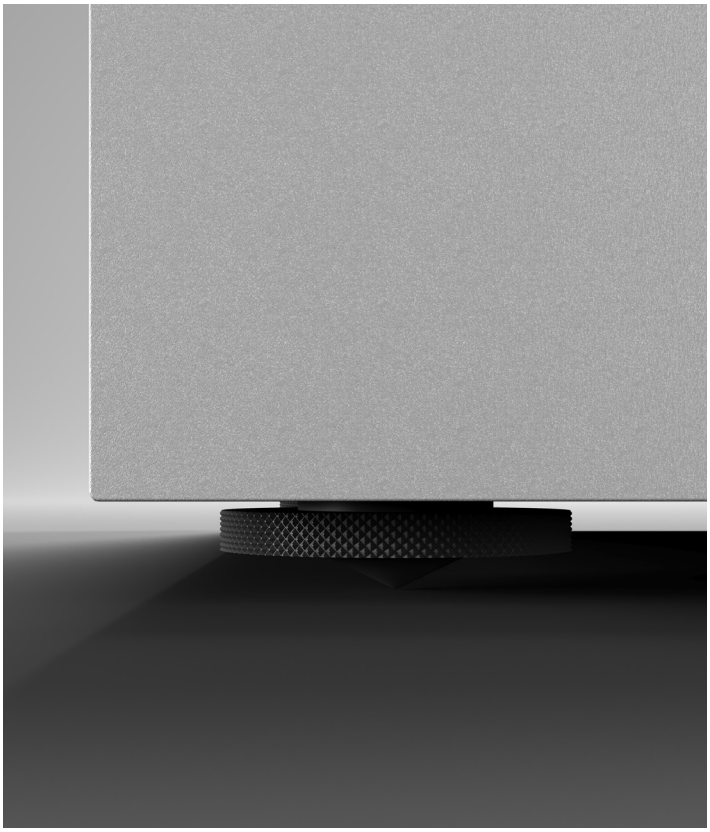
Goldmund's Mechanical Grounding principle is designed to minimize the influence of unwanted mechanical vibrations on the amplifier's operation.

For the Telos 700, the installation surface plays an important role in this process. A rigid, stable support helps maintain effective mechanical contact between the amplifier and its environment.

For proper installation:

- Whenever possible, position the amplifier on a solid floor or a rigid support with effective mechanical coupling to the floor.
- Ensure that all feet make firm contact with the supporting surface.
- The feet are adjustable. Carefully level the amplifier to achieve stable contact at every point.
- Avoid soft, flexible, or vibration-prone surfaces that may interfere with effective mechanical grounding.





ELECTRICAL REQUIREMENTS

The Telos 700 requires a stable and properly grounded mains supply to operate safely and perform as intended. Its mains voltage is configured at the Goldmund manufacture and must be verified before installation.

Before connecting the amplifier:

- Verify that the mains voltage corresponds to the voltage indicated on the amplifier's identification label.
- Connect the Telos 700 only to a properly grounded mains outlet.
- Whenever possible, connect the amplifier directly to a wall outlet.
- Avoid extension cords, power strips, and multiple socket adapters.
- Ensure that the amplifier and all associated equipment are powered off before making or changing any connections.
- If the mains voltage does not match the amplifier's configuration, do not connect it. Contact your authorized Goldmund dealer.
- Never attempt to adjust the internal voltage configuration yourself.

Important:

The Telos 700 is designed for 115 V or 230 V mains operation, with an input voltage tolerance of ± 10 %.

If your local mains voltage falls outside this range, contact your authorized Goldmund dealer before connecting the amplifier.

TELOS 700 —
REAR PANEL CONNECTIONS



THE RIGHT CONDITIONS
FOR RELIABLE
PERFORMANCE.

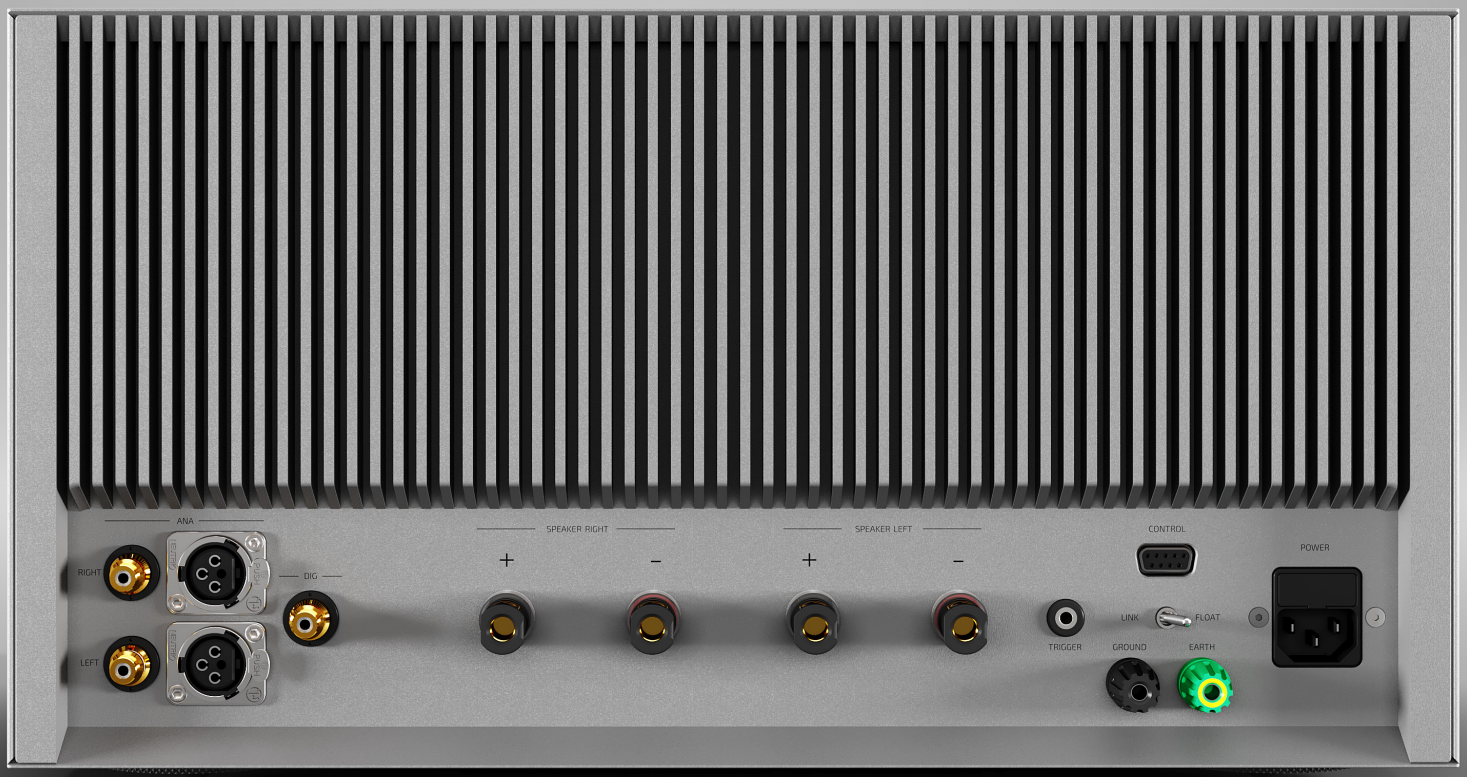
CONNECTIONS

EVERY CONNECTION PLAYS A PART IN PRESERVING THE MUSIC.

The connections between your Telos 700 and the other components of your audio system are essential to maintaining signal integrity and ensuring reliable operation.

Before connecting the amplifier, take time to identify the appropriate inputs and outputs for your system configuration. Ensure that all equipment is powered off before making any connections.

*DETAILED INSTRUCTIONS FOR EACH CONNECTION TYPE ARE PROVIDED IN THE **TECHNICAL REFERENCE SECTION** OF THIS MANUAL (P26-27).*



FIRST LISTENING EXPERIENCE

THE MUSIC *YOU KNOW* CAN STILL *REVEAL* MORE.

Your first listening session with the Telos 700 is an invitation to rediscover the recordings you know best.

Begin with music that has accompanied you over the years. Familiar voices, instruments, and performances provide a meaningful reference, allowing you to appreciate the nuances, dynamics, and character of each recording.

For the best experience, we recommend:

- If the Telos 700 has not been used recently, allow approximately 10 to 15 minutes for the amplifier to reach its optimal operating temperature.
- Begin at a moderate listening level, gradually adjusting the volume through your preamplifier or source.
- Listen across a variety of musical styles and recording qualities.
- Take time to become familiar with the amplifier's musical presentation before making adjustments to your system.

DAILY OPERATION

SIMPLICITY KEEPS THE FOCUS ON THE MUSIC.

The Telos 700 has been designed to make everyday operation intuitive and unobtrusive. Once installed and configured, its essential functions remain easily accessible, allowing your attention to stay where it belongs: on the music.

For everyday use, we recommend:

- Allow the amplifier to complete its power-on sequence before beginning playback.
- Always allow the power-down sequence to finish before disconnecting the amplifier from the mains supply.
- Keep the amplifier's ventilation areas unobstructed during operation.



DETAILED INSTRUCTIONS FOR POWER MANAGEMENT, INPUT SELECTION, FRONT-PANEL CONTROLS, AND TRIGGER OPERATION CAN BE FOUND IN THE ***TECHNICAL REFERENCE SECTION (P24-31).***

CARE & MAINTENANCE

CARE PRESERVES EXCELLENCE OVER TIME.



The Telos 700 has been designed for long-term reliability and requires minimal maintenance. Regular, careful cleaning will help preserve its appearance and finish.

For proper care, we recommend:

- Always switch off the amplifier and disconnect it from the mains supply before cleaning, once the power-down sequence is complete.
- Use a clean, soft, slightly damp cloth to wipe the metal surfaces.
- If necessary, use water or a mild detergent solution.
- Avoid abrasive materials, aggressive cleaning products, or chemical solvents.
- Clean the Goldmund identification plate gently with a soft cloth, without using chemical cleaning products.
- Keep the amplifier's cooling surfaces free from dust and obstructions.

Important:

The Telos 700 contains no user-serviceable parts. Do not open the amplifier or attempt unauthorized repairs or modifications.

For servicing or technical assistance, contact your authorized Goldmund dealer.

TELOS 700 —
GENEVA, SWITZERLAND

TECHNICAL REFERENCE

DESIGNED FOR PERFORMANCE.
HANDLED WITH CARE.

The Telos 700 is engineered for precise and reliable amplification. Proper installation, careful handling, and appropriate operating conditions are essential to preserving its performance and the integrity of your audio system.

SAFETY RECOMMENDATIONS

To ensure safe and reliable operation:

- Never connect or disconnect cables while the amplifier is powered on.
- Never short-circuit the loudspeaker terminals.
- Always connect the amplifier to a properly grounded mains outlet.
- Ensure adequate ventilation during operation.
- Do not open or modify the amplifier.

OPERATING FUNCTIONS

The Telos 700 has been designed for straightforward, intuitive operation. The following pages describe its control interface, connections, and primary operating functions.

FRONT PANEL

The front panel brings together the amplifier's essential controls and status information within a clear, minimal interface.

DISPLAY

Provides information about the selected input, operating mode, and available settings.



STATUS INDICATORS

Communicate the amplifier's operating state and signal status.

CONTROL BUTTONS

Provide access to power management, input selection and mute/unmute.

INTUITIVE OPERATION KEEPS THE FOCUS ON LISTENING.

OPERATING FUNCTIONS

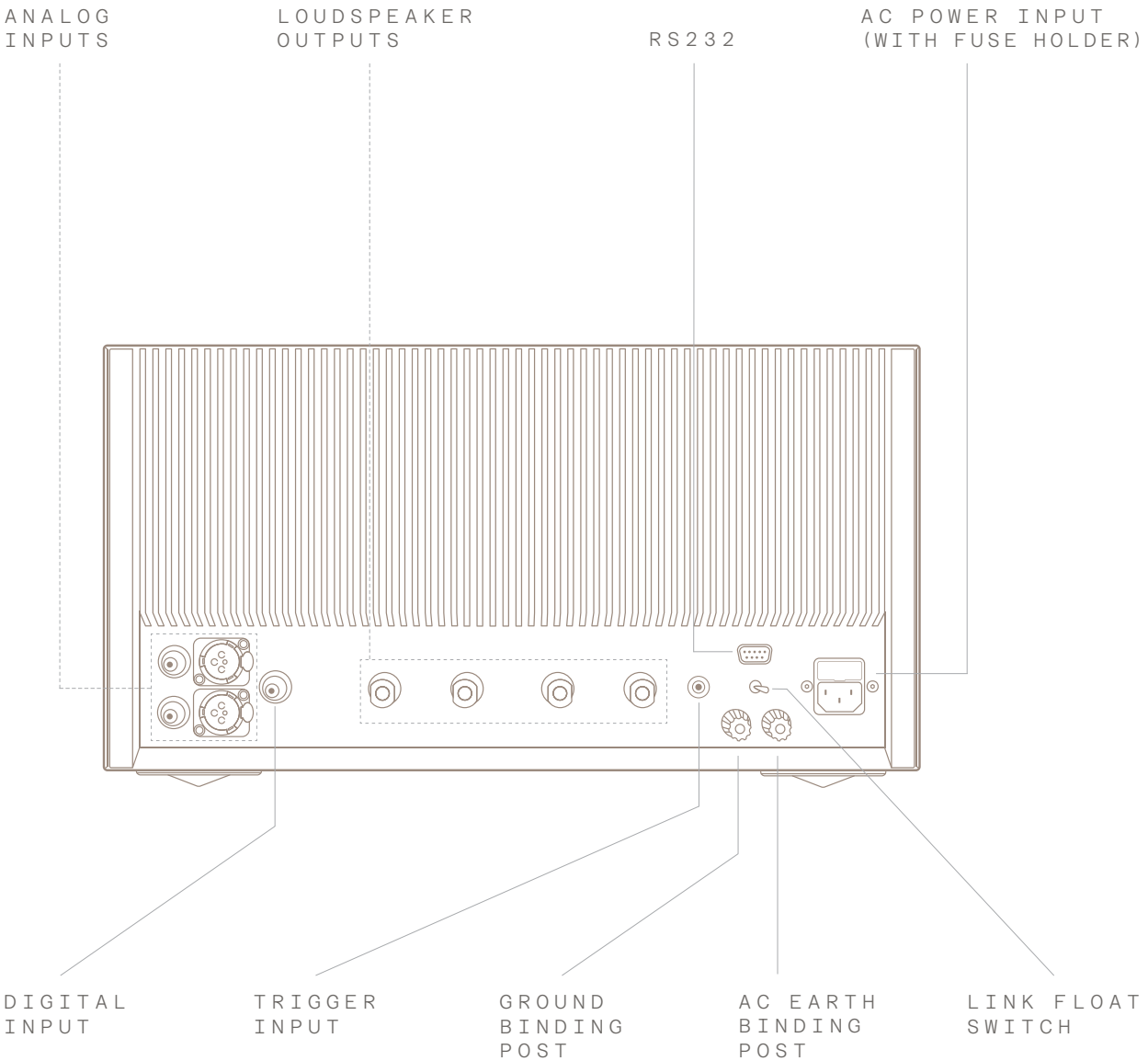
REAR PANEL

The rear panel brings together the audio, loudspeaker, power, and control connections required to integrate the Telos 700 into a complete audio system.

REFER TO THE ANNOTATED VIEWS TO IDENTIFY EACH CONTROL AND CONNECTION BEFORE OPERATING OR CONFIGURING THE AMPLIFIER.



CONNECTION OVERVIEW



POWER & STANDBY

The Telos 700 incorporates a power management system designed to ensure controlled startup and shutdown.

POWER ON

The technology prepares. The music takes over.

When the Telos 700 is switched on, it initiates a controlled startup sequence. The high-power capacitors are progressively charged to limit peak current demand, followed by activation and stabilization of the output stage power supply.

Once this sequence is complete, the amplifier is ready for operation.

For optimum listening conditions, allow approximately 10 to 15 minutes for the amplifier to reach its normal operating temperature before critical listening.

STANDBY

Ready when the music calls.

Standby mode keeps the Telos 700 connected to the mains supply while the amplifier is not in active use, allowing it to return to operation without a complete restart.

For everyday use, Goldmund recommends placing the amplifier in Standby rather than disconnecting it from the mains supply.

When connected to a compatible component, the Telos 700 can also be controlled automatically through its Trigger input, enabling remote switching between operating and standby states.

POWER OFF

When the Telos 700 is switched off, it follows a controlled shutdown sequence to bring its internal power supply to a safe operating state.

Allow this sequence to complete before disconnecting the amplifier from the mains supply.



RECOMMENDATIONS

- Switch on source components and the preamplifier before powering on the Telos 700.
- Allow the startup sequence to complete before beginning playback.
- Use Standby mode between listening sessions whenever possible.
- Never disconnect the power cord before the shutdown sequence has completed.
- Switch off the amplifier before making or changing any system connections.
- Disconnect the amplifier from the mains supply if it will not be used for an extended period.

INPUT SELECTION & SETTINGS

SIMPLE CONTROLS.
UNDIVIDED ATTENTION TO MUSIC.

The Telos 700 provides direct access to its input selection through the front-panel interface. Essential functions are organized to make system configuration straightforward while keeping everyday interaction to a minimum.

INPUT SELECTION

The Telos 700 supports both analog and digital audio connections, allowing integration with compatible preamplifiers and source components.

The desired input can be selected using the front-panel controls. The selected input is indicated on the display.

Available input modes include:

- Analog **RCA**: For compatible unbalanced analog connections.
- Analog **XLR**: For compatible balanced analog connections.
- Digital **S/PDIF**: For compatible digital audio sources.

MENU NAVIGATION

The front-panel controls provide access to the amplifier's configuration menu, allowing users to select the desired input and adjust available settings.

The selected options are displayed on the screen.

MUTE / UNMUTE

The Mute function temporarily disables audio output without requiring the amplifier to be switched off.

Use Mute mode when changing inputs or adjusting the connected system. Return the amplifier to its operating state when ready to resume listening.

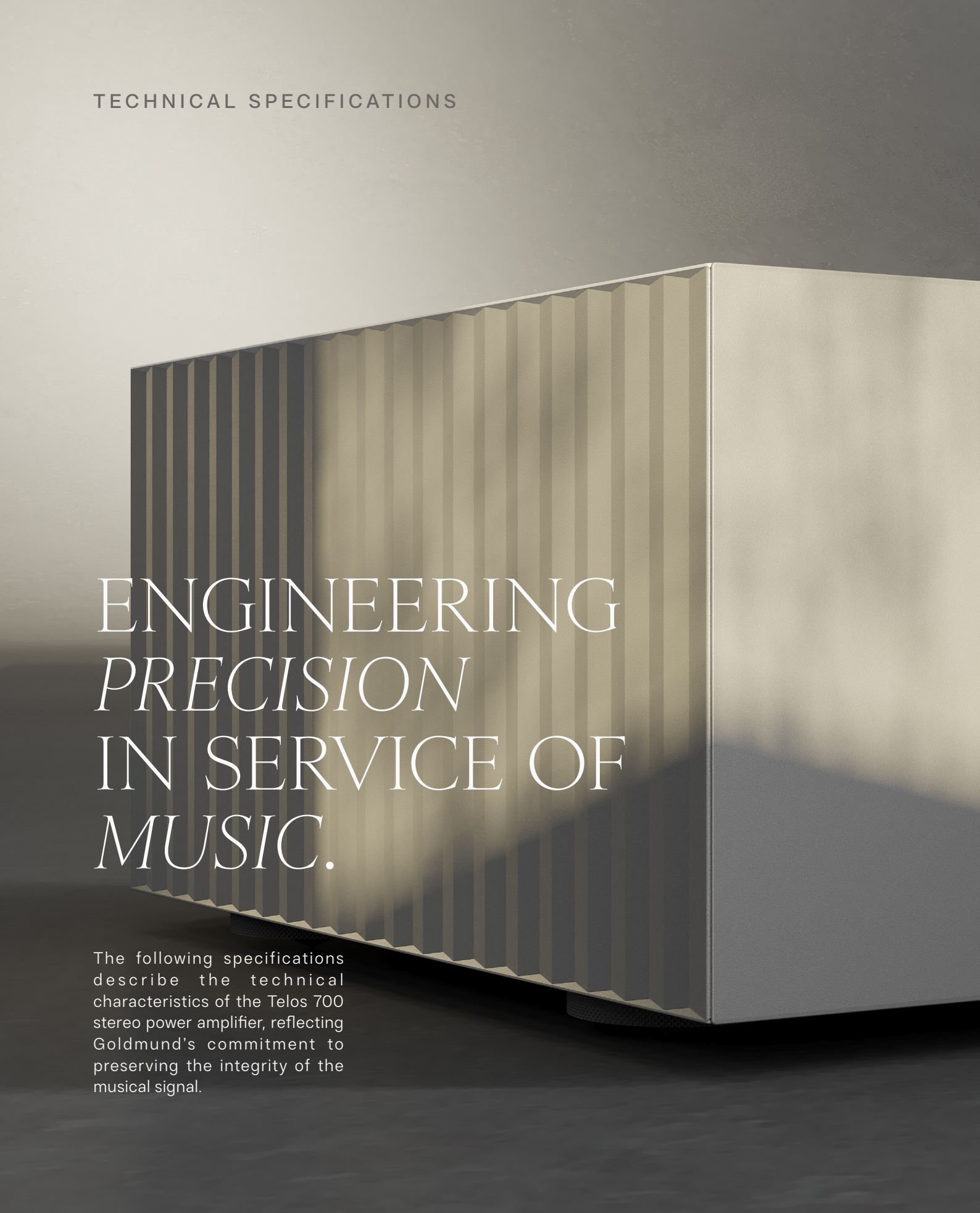
STATUS INDICATORS

ESSENTIAL INFORMATION, AT A GLANCE.

The Telos 700's front-panel indicators provide visual information about the amplifier's operating state and the input signal status.

The indicators allow users to identify the amplifier's current condition without navigating through the control menu.

INDICATOR	MEANING
ORANGE – BLINKING	Standby. The amplifier is connected to the mains supply but is not in active operation.
GREEN – STEADY	The amplifier is powered on and ready for operation.
ORANGE – DIGITAL MODE	Indicates the presence of a valid digital signal.
ORANGE – ANALOG MODE	Indicates normal operation with an analog input selected.



ENGINEERING *PRECISION* IN SERVICE OF *MUSIC.*

The following specifications describe the technical characteristics of the Telos 700 stereo power amplifier, reflecting Goldmund's commitment to preserving the integrity of the musical signal.

AUDIO PERFORMANCE

SPECIFICATION	VALUE
GAIN	35 dB
DYNAMIC RANGE	22 kHz measurement bandwidth (flat), true RMS unloaded: 140 dB
OUTPUT NOISE FLOOR	Analog input terminated with RCA Shorting Caps, unloaded: < 6 µV from 20 Hz to 20 kHz
DAMPING FACTOR	335 at 1 kHz / 8 Ω

DISTORTION

SPECIFICATION	VALUE
IMD (SMPTE), UNLOADED	< 0.005 %
THD+N, UNLOADED	0.072 % at 1 kHz at 30 Vrms output

INPUTS

SPECIFICATION	VALUE
MAX LEVEL BEFORE CLIPPING ANALOG INPUT	1 Vrms
MAX LEVEL BEFORE CLIPPING DIGITAL INPUT	-6 dBFS

OUTPUTS

SPECIFICATION	VALUE
MAX LEVEL BEFORE CLIPPING 1 % THD, UNLOADED	160 Vpp

OUTPUT POWER

SPECIFICATION	VALUE
MAXIMUM POWER (62368-1)	2 x 260 Wrms on 8 Ω / 1 % THD
MAXIMUM POWER (62368-1)	2 x 390 Wrms on 4 Ω / 1 % THD

ARCHITECTURE & POWER

SPECIFICATION	VALUE
NOMINAL LINE VOLTAGE	115 V or 230 V
INPUT VOLTAGE RANGE	+/- 10 %
POWER SUPPLY	2'220 VA Toroidal Power Transformer
CAPACITOR BANK	60'400 µF
RATED POWER CONSUMPTION	IEC 62368-1, 1/8 Output Power at 8 Ω: 300 W
1 X MAIN FUSE	(4 A slow-blow for 230 V) ; (8 A slow-blow for 115 V)
DIMENSIONS (W X H X D)	44 W x 25 H x 47 D (cm) 17.3 W x 9.8 H x 18.5 D (in)
WEIGHT	35 kg

MAINS & GROUNDING

CONNECTION	QUANTITY
POWER CORD: UNIVERSAL SOCKET 3 LUGS	1 x
GREEN-YELLOW AC EARTH BINDING POST	1 x
BLACK GROUND BINDING POST	1 x
GROUND/EARTH LIFT SWITCH	1 x

CONNECTIVITY & CONTROL

CONNECTION	QUANTITY
ANALOG RCA INPUT (UNBALANCED CONNECTOR, LEFT & RIGHT)	2 x
ANALOG XLR INPUT (BALANCED CONNECTOR, LEFT & RIGHT)	2 x
DIGITAL INPUT RCA CONNECTOR	1 x
OUTPUT BINDING POSTS (2X RED & 2X BLACK ; LEFT & RIGHT SPEAKER OUTPUT)	4 x
TRIGGER INPUT JACK CONNECTOR (12 V)	1 x
RS232 COMMAND CONNECTOR	1 x

All specifications are measured under controlled laboratory conditions.

Specifications are subject to change without notice as part of Goldmund's continuous product development.

SERVICE & SUPPORT

PRECISION DESERVES LASTING CARE

The Telos 700 has been designed and engineered to deliver exceptional listening performance for years to come.

Should your amplifier require assistance, maintenance, or servicing, Goldmund and its authorized partners are committed to supporting you throughout its lifetime.

WARRANTY

The Telos 700 is covered by the Goldmund Limited Warranty.

To activate your warranty and benefit from dedicated support, please register your product using the QR code provided with your Owner Certificate.

SERVICING

The Telos 700 contains no user-serviceable components.

To preserve its performance, reliability, and warranty, servicing must only be carried out by Goldmund or an authorized Goldmund Service Partner.

Never open the enclosure or attempt to service the Telos 700 yourself.

SUPPORT

If you require technical assistance, servicing, or additional product information, please contact:

- Your authorized Goldmund Dealer
- Goldmund Client Service

Additional documentation and product resources are available on the Goldmund website.

Crafted in Geneva, Switzerland.

Thank you for choosing
Goldmund.

May every listening session be
a moment to remember.



GOLDMUND
SWISS MADE