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MONO POWER AMPLIFIER

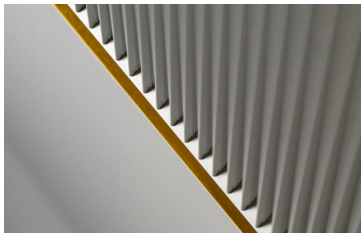
TELOS 9800

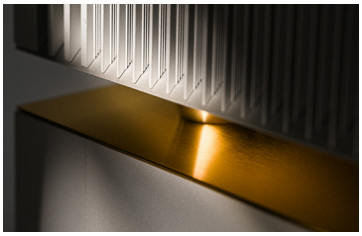
FULL POWER

The Telos 9800 is the culmination of decades of research, engineering, and Swiss craftsmanship, brought together in pursuit of a single ambition to serve music with unwavering devotion, through uncompromising engineering and precision.

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OUTPUT PERFORMANCE

SPECIFICATION	VALUE
CONTINUOUS OUTPUT POWER (8Ω)	1,560 Wrms
CONTINUOUS OUTPUT POWER (4Ω)	2,520 Wrms
CONTINUOUS OUTPUT POWER (2.7Ω)	3,250 Wrms
CONTINUOUS OUTPUT POWER (1.4Ω)	4,180 Wrms
DAMPING FACTOR	900 at 1 kHz / 8 Ω
THD + N, UNLOADED	< 0.005 % from 20 Hz to 20 kHz at 30 Vrms output
IMD (SMPTE), UNLOADED	< 0.01 %
OUTPUT FLOOR NOISE	Analog input terminated with RCA Shorting Caps, unloaded: < 3 µV from 20 Hz to 20 kHz
GAIN	35 dB, +/- 9 dB (adjustable in steps of 3 dB for each input)
INPUT	Max level before clipping: Analog input: 2 Vrms Digital input: 0 dBFS
MAXIMUM OUTPUT VOLTAGE	Bridge mode: Max level before clipping: 1 % THD, unloaded: 375 Vpp
SLEW RATE	18 V/µS

AMPLIFICATION ARCHITECTURE

SPECIFICATION	VALUE
CONFIGURATION	Monoblock Power Amplifier
ARCHITECTURE	Proprietary Symmetrical Architecture
POWER STAGE	Fully Symmetrical Design
POWER SUPPLY	Controlled Energy Management System
POWER TRANSFORMERS	High-Performance Custom Transformers
ENERGY STORAGE	High-Capacity Capacitor Bank
PROTECTION	Thermal, Overcurrent & Short-Circuit

CONNECTIVITY

SPECIFICATION	VALUE
ANALOG INPUTS	XLR / RCA
DIGITAL INPUT	S/PDIF
DIGITAL OUTPUT	S/PDIF
SPEAKER OUTPUTS	Goldmund 4B + Binding Posts
TRIGGER	Yes
RS232	Yes

POWER

SPECIFICATION	VALUE
NOMINAL VOLTAGE	115 V / 230 V
FREQUENCY	50 / 60 Hz
VOLTAGE TOLERANCE	±5%
AC POWER INPUT	IEC grounded connector
MAIN FUSE	115 V: F1: 16 A ; F2: 5 A ; F3: 2.5 A ; F4: 6 A 230 V: F1: 18 A ; F2: 2.5 A ; F3: 1 A ; F4: 3.15 A
-	Earth and ground

MECHANICAL CHARACTERISTICS

SPECIFICATION	VALUE
CHASSIS CONSTRUCTION	Precision-machined aluminum
FREQUENCY	±5%
COOLING	Natural convection heatsink
MECHANICAL GROUNDING	Goldmund Mechanical Grounding
DIMENSIONS (H X W X D)	1,367 × 500 × 500 mm
WEIGHT	360 kg per unit

All specifications are measured under controlled laboratory conditions. Specifications are subject to change without notice as part of Goldmund's continuous product development.