


GOLDMUND
SWISS MADE



INTEGRATED STEREO AMPLIFIER

TELOS 790

AMPLIFYING YOUR AUDIO EXPERIENCE

At the core of the Telos 790 lies Goldmund's proprietary Telos® amplifier technology—first introduced in the 1990s and refined ever since. Exclusive to Goldmund, this innovation remains unmatched in the industry. While the specific implementation remains confidential, the performance speaks for itself.

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POWER SUPPLY

Nominal line voltage: 115 V or 223 V
 Input voltage range: +/- 10 %
 2 x 1000 VA Toroidal Power Transformer
 Capacitor bank: 96'400 µF

RATED POWER CONSUMPTION

IEC 62368-1, 1/8 Output Power at 8 Ω: 320 W

REAR PANEL

2 x output binding posts (left & right)
 On/Off power switch key
 Voltage input selector
 RS232 Command connector
 1 x USB device: Audio Class 2.0 (no driver required on Mac OS X as of v.10.6.4 nor on Linux, driver required only for Windows, contact your Goldmund representative):

- Sample rate up to 384 kHz/Bit depth up to 32
- DSD64, DSD128 over PCM capabilities

1 x Toslink Optical
 1 x Digital S/PDIF coaxial RCA 75 Ohms
 4 x Analogue RCA unbalanced (left & right)
 2 x Analogue XLR balanced input (left & right)

INPUT

Max level before clipping, Analogue input: 1 Vrms
 Max level before clipping, Digital input: -6 dBFS

OUTPUT

Max level before clipping, 1 % THD, unloaded:
 170 Vpp

OUTPUT POWER

Maximum power (IEC 62368-1):

- 2 x 300 Wrms on 8 Ω / 1 % THD
- 2 x 400 Wrms on 4 Ω / 1 % THD

DISTORTION

IMD (SMPTE), unloaded: < 0.02 %
 THD+N, unloaded: < 0.08 % from 20 Hz to 20 kHz at 30 Vrms output

OUTPUT NOISE FLOOR

Analogue input terminated with RCA Shorting Caps, unloaded: < 10 µV from 20 Hz to 20 kHz

GAIN

35 dB

DYNAMIC RANGE

22 kHz measurement bandwidth (flat), true RMS unloaded: 100 dB

DAMPING FACTOR

600 at 1 kHz / 8 Ω

PRODUCT SIZE & WEIGHT

47.8 W x 26.6 H x 54.7 D (cm)
 18.82 W x 10.47 H x 21.54 D (inch)
 37 Kg

CARTON BOX SIZE & WEIGHT

73 W x 49 H x 62 D (cm)
 28.74 W x 19.29 H x 24.41 D (in)
 65 Kg

COLOR

Standard: Gray
 On request: Black