



INTEGRATED AMPLIFIER

TELOS 690

A WORLD OF SONIC POSSIBILITIES

Far beyond a mere product release, the Telos 690 Integrated Stereo Amplifier signifies a bold declaration in the pursuit of sound purity and technological brilliance.

POWER SUPPLY

Nominal line voltage: 110 V or 220 V

Input voltage range: +/- 10 %

2x 350 VA Toroidal Power Transformer

Capacitor bank: 46'000 µF

OUTPUT POWER

Maximum power (IEC 62368-1):

- 2 x 250 Wrms on 8 Ω / 1 % THD
- 2 x 320 Wrms on 4 Ω / 1 % THD

RATED POWER CONSUMPTION

IEC 62368-1, 1/8 Output Power at 8 Ω: 275 W

REAR PANEL

2 x output binding posts (left & right)

1 x On/Off power switch key

1 x 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

5 x Analog RCA (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



INTEGRATED AMPLIFIER

TELOS 690

SHIPPING DETAILS

Telos 690 comes packaged in a custom flightcase designed for storage, ensuring it's well-protected if you need to transport it.

DISTORTION

IMD (SMPTE), unloaded: < 0.02 %

THD+N, unloaded: < 0.08 % from 20 Hz to 20 kHz at 30 Vrms output

OUTPUT NOISE FLOOR

Analog 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

AMPLIFIER SIZE & WEIGHT

44 W x 16 H x 45 D (cm)

17.3 W x 6.3 H x 17.7 D (in)

28 kg

PACKAGING SIZE & WEIGHT (GROSS)

54 W x 26 H x 54 D (cm)

21.26 W x 10.24 H x 21.26 D (in)

31 kg

COLOR

Standard

Gray

Custom

Black