



## INTEGRATED STEREO 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

### 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

### RATED POWER CONSUMPTION

Maximum power (IEC 62368-1):

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



**INTEGRATED STEREO 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 16.5 H x 44.5 D (cm)

28 kg

**PACKAGING SIZE & WEIGHT (NET)**

51 W x 26 H x 56 D (cm)

26 kg

**COLOR**

Standard

Silver Gray

Custom

Black Matte