



MONO POWER AMPLIFIER

TELOS 3800

NOTHING BUT THE TRUTH

Telos® amplifiers are designed for absolute speaker control, providing clean power while preserving the integrity of the audio signal. Proper driver control ensures high-fidelity sound reproduction without distortion or unwanted artifacts. By enhancing linearity of each amplification stage, Telos® technology virtually eliminates harmonic and intermodulation distortion.



OUTPUT POWER

Maximum power (IEC60065): 900 Wrms on 8 Ω / 1 % THD*

Maximum power (IEC60065): 1800 Wrms on 4 Ω / 1 % THD*

Maximum power (IEC60065): 2000 Wrms on 2 Ω / 1 % THD*

*protected by security circuit

DAMPING FACTOR

600 at 1 kHz / 8 Ω

DISTORTION

IMD (SMPTE), unloaded: < 0.01 %

THD+N, unloaded: < 0.005 % from 20 Hz to 20 kHz at 30 Wrms output

OUTPUT FLOOR NOISE

Analog input terminated with RCA Shorting Caps, unloaded: < 3 μ V 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 Wrms

Digital input: 0 dBFS

OUTPUT

Max level before clipping:

1 % THD, unloaded: 300 Vpp

POWER SUPPLY

Nominal line voltage: 115 V or 230 V

Input voltage range: +/- 10 %

RATED POWER CONSUMPTION

IEC 60065, 1/8 Output Power at 8 Ω : 540 W

REAR PANEL

Power cord: universal socket 3 lugs, 16 A

Main fuses (F1: 2.5A ; F2: 1A ; F3: 8A)

AC black GND binding post

Green-yellow AC earth binding post

Ground lift switch.

2 x output binding posts (red & black)

1 x output Goldmund speaker 4B type connector

Analog input RCA unbalanced connector

Analog input XLR balanced connector

Digital input and output RCA connectors

RS232 command connector

Jack connector for Trigger

DYNAMIC RANGE

22 kHz measurement bandwidth (flat), true RMS unloaded: 117 dB

SIZE & WEIGHT PER UNIT

42 W x 72.6 H x 50 D (cm)

16.6 W x 28.6 H x 20 D (inch)

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COLOUR

Standard - Grey

On Request - Black