

AMPLIFIER

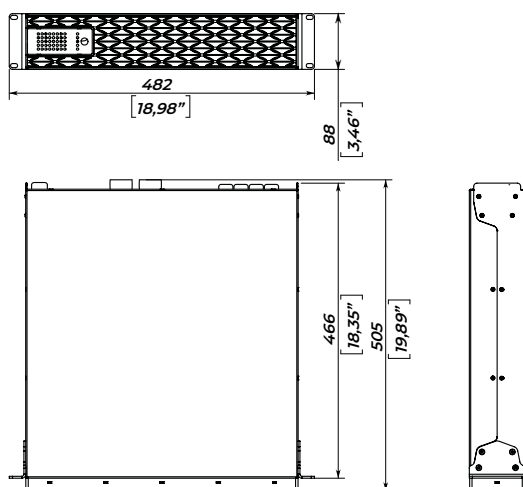


TQ-4000

DSP amplifier

Experience the epitome of luxury in high-end sound technology with TQ amplifiers, crafted to elevate your home cinema experience to unparalleled heights. TQ-4000 amplifier delivers four channels, each capable of up to 1000 W of pure, powerful sound, ensuring every note and nuance is brought to life with breathtaking clarity.

Featuring the sophisticated Theatron Web UI, you have complete command over every detail of the signal processing flow, allowing for a tailored and immersive audio experience. With cutting-edge cooling and heat dissipation systems, TQ amplifiers remain cool and whisper-quiet, even when operating at peak performance, offering an exceptional blend of power, precision, and poise.



SAFETY INSTRUCTIONS

1. Do not use this equipment near water.
2. Clean only with dry cloth.
3. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
4. Do not use near heat sources such as stoves, heat registers, radiators or other equipment (including amplifiers) that produces heat.
5. Do not use the unit near open fire sources.
6. Connect the unit only to the electric network with grounding. Use only electric plugs that provide grounding.
7. Protect the power cord from being walked on, pinched, or otherwise damaged.
8. Use only accessories specified by the manufacturer.
9. Unplug this unit during lightning storms or when unused for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the system has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. WARNING - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS SYSTEM UNIT TO RAIN OR MOISTURE.

SPECIFICATIONS

Frequency range	16 Hz - 24 kHz
Channel count	4
Nominal power, per ch., 4 Ohm	1 000 W
Nominal power, per ch., 8 Ohm	750 W
Nominal power, two ch. bridged, 8 Ohm	2 000 W
Nominal power, two ch. bridged, 16 Ohm	1 000 W
Amplifier	Class D high efficiency
Web UI	Theatron Web UI
input sensitivity	+16 dBu / +4 dBu
Maximum input level	+22 dBu / +10 dBu
Input impedance	10 kOhm unbal., 20 kOhm bal.
Crosstalk separation	100 dB @ 1 kHz
THD	< 0.5%
Power consumption, 1/8 of max output power @ 8 Ohm	500 VA
Damping factor @ 8 Ohm	> 500 @ 100 Hz
S/N ratio	108 dB
Connectors	4 x XLR bal. input, 2 x 4-pin Phoenix speaker terminals, RJ-45 Ethernet, RJ-45 AES3 input, RJ-45 AES3 link, 2 x 3.5" TRS trigger in/out
Dimensions	486 x 87 x 505 mm / 19.13" x 3.43" x 19.88", 2U
Net weight	8.6 kg / 19 lbs