



Power amplifier with passive cooling with constant voltage and 4 ohms output

The most important features

The axxent TS-Series power amplifiers are optimized for constant voltage distribution in fixed installations. The new 1 channel model AX1400TS complements this series. Beside the constant voltage outputs with 50-, 70- and 100 v taps, the new model also provides an additional low impedance output (4 ohms). The rated output power is 400 watts rms at all output configurations. This broadband choice of outputs makes the new AX1400TS an ideal and most flexible choice for fixed installations. The 19" rack mount case with 2 U perfectly fits into standard racks. The passive cooling system guarantees absolutely quiet operation (house of worship installations). Operating conditions, such as power on/off, signal present and signal peaks close to clipping are indicated with colour LEDs. The only control on the amplifier front panel is the "volume" (input sensitivity) rotary pot. For safety reasons this knob is detachable and can be replaced with the blind cover found in the packaging.

The input is equipped with a balanced XLR connector, the constant voltage output with Euroblock connector and the low impedance output with touch proof binding posts. For loop through of the input signal an additional XLR connector is provided. The power on/off switch with detachable IEC connector is located on the rear of the amplifier, facilitating the rack wiring. The robust case and chassis are made of heavy-duty steel with powder coating. CE-Certificate for European wide operation.

The bottom line: A compact audio power amplifier, most reliable and flexible in use.

Data and facts

- Output power 400 watts rms at all output configurations constant voltage or low impedance (4 Ohms)
- Compact 2U design for easy 19" rack mounting
- Balanced XLR connectors on inputs and signal loop through, Euroblock and binding posts on outputs
- Additional XLR connector for signal loop through
- Quiet passive cooling system (fanless)
- Volume control on front panel (with detachable knob)
- Power on/off switch with detachable IEC connector on rear of amp, facilitating rack wiring
- Dimensions: 483 (19") x 88 (2U) x 330 mm (w x h x d)
- Netweight: 8.95 kg, shipping 11.35 kg
- Case and chassis of heavy duty steel, with powder coated front panel
- European high quality product



technical specifications

output power (rms, 1 kHz, 1% THD)

constant voltage (all) : 400 w
low impedance (4 Ω) : 400 w

input sensitivity

1 v

input impedance

20 kΩ, balanced

total harmonic distortion (THD)

<.07% @1 kHz

frequency response

20 - 20 000 Hz (+0/-3 dB)

signal to noise ratio

>104 dB (A-weighted)

cooling

passive (fanless)

input

balanced XLR

outputs

Euroblock and binding posts, touch-proof

LED indicators

for on/off, signal present and signal overload

controls

input sensitivity on front panel with detachable knob

power supply

230 v AC, 50 Hz

dimensions

483 (19" rack) x 88 (2 U) x 330 mm (w x h x d)

net weight

8.95 kg



architect specifications

One channel power amplifier with constant voltage outputs (taps 50-, 70- and 100 v) and additional low impedance output rated at 4 ohms; output power 400 w (rms) at all constant voltages and low impedance (4 ohms) output configurations; input and signal loop through: XLR balanced; outputs: Euroblock and binding posts (touch-proof); passive, fanless cooling; indicators for on/off, signal present and signal peaks before clipping; control for gain adjustment; heavy duty steel chassis and case, powder coated; detachable blind knob covers; on/off switch on rear side; detachable power supply cable with IEC plug on rear side; 19" rack housing (2u); dimensions 483 x 88 (2u) x 330 mm (W x H x D); net weight 8.95 kg. The amplifier shall be an axxent model AX1400TS.