

four channel amplifier with 50/70/100 V and low impedance outputs – 240 W/channel

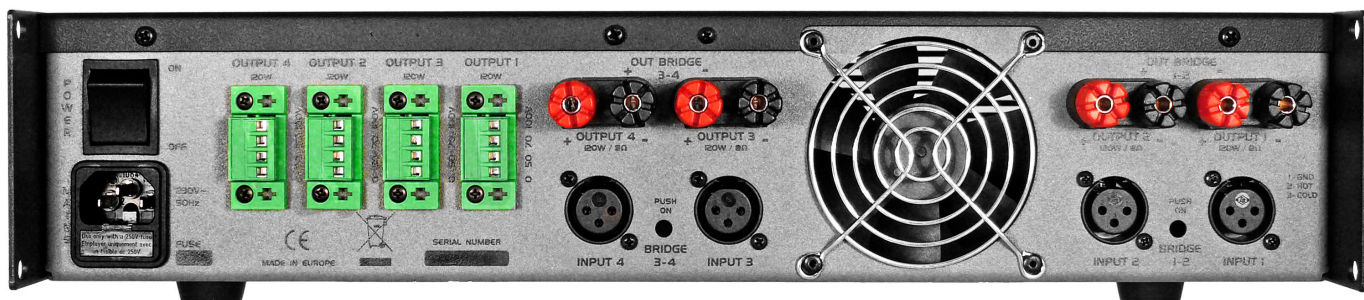
The Axxent T-Series power amplifiers are optimized for constant voltage distribution in fixed installations. The 4 channel model AX4240TS complements this series with an high power output model, providing 4 x 240 watts (RMS) per channel at the constant voltage outputs (50/70/100 V) as well as at the low impedance outputs (4-8 Ω). Even with this high output ratings the new AX4240TS combines high efficiency and light weight by utilizing a most stable switched mode power supply.

This broadband choice of outputs makes the axxent AX4240TS an ideal and most flexible choice for fixed installations. Amplifier channels may be operated individually or in pairs in bridge mode for higher output power (2 x 400 Watts!). The amplifier is equipped with power limiting control for all 4 channels.

Excellent audio performance with low distortion and low noise is supported by high CMRR balanced line receiver ICs in the input stages. The only controls on the amplifier front panel are the gain controls. For safety reasons the knob of the potentiometer is detachable and can be replaced with the blind covers found in the packaging. The inputs are equipped with balanced XLR connectors, the constant voltage outputs with Euroblock connectors and the low impedance outputs with touch proof binding posts. The power on/off switch with detachable IEC connector is located on the rear of the amplifier, facilitating rack wiring. The robust case and chassis are made of heavy duty steel with powder coating. Like all professional Axxent amplifiers, also this AX4240TS comes with CE-Certificate for European wide operation.

The most important features

- Output power 4 x 240 Watt RMS at all output configurations, constant voltage or low impedance (8 Ohms nominal - may be used down to 4 Ohms)
- Compact 2U design for easy 19" rack mounting
- Balanced XLR connectors on inputs, Euroblocks and binding posts on outputs
- Active cooling system with variable speed fan
- Detachable knobs with blind cover and rear on/off switch for improved safety against unauthorized modifications
- Power on/off switch with detachable IEC connector on rear of amp, facilitating rack wiring
- Dimensions: 483 (19") x 88 (2U) x 387 mm (w x h x d)
- Net weight: 15.2 kg
- Case and chassis of heavy duty steel, powder coated
- European high quality product
- CE-Certificate



technical specifications

Output power (RMS, 1 kHz, 1% THD)

- constant voltage 4 x 240 Watt
- low impedance (nominal 4 Ω) 4 x 240 Watt
- low impedance (nominal 8 Ω) 4 x 170 Watt
- low impedance bridge mode (8 Ω) 2 x 400 Watt

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

>98 dB

output voltage

50-, 70- and 100 V @ nominal input voltage

cooling

variable speed fan

inputs

balanced XLR

outputs

Euroblock and binding posts, touch proof

LED indicators

for on/off, signal present and signal overload

controls

gain controls with detachable knobs

power supply

230 V AC, 50 Hz

dimensions

483 (19" rack) x 88 (2U) x 387 mm (w x h x d)

weight

15.2 kg net, 17.6 kg shipping



architects' specifications

Four channel power amplifier with constant voltage outputs (taps 50-, 70- and 100 V) and additional low impedance outputs; output power 4 x 240 W at all constant voltages and low impedance, bridged (8 Ohms) 2 x 400 W; input XLR balanced; outputs: Euroblock and binding posts (touch proof); variable speed fan cooling; indicators for on/off, signal present and signal overload; 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; dimensions 483 (19") x 88 (2U) x 387 mm (w x h x d); net weight 15,2 kg. The amplifier shall be an axxent model AX4240TS.