



Four Channel Amplifier with 50/70/100 V and Low Impedance Output

The Axxent T-Series power amplifiers are optimized for constant voltage distribution in fixed installations. The new 4 channel model AX-4120TS extends this series and provides some new important features. The transformer power supply has been replaced by a light weight switched mode power supply.

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.

Beside the constant voltage outputs with 50-, 70- and 100 V taps, the new model provides additional low impedance outputs. The rated output power is 120 Watts RMS at all output configurations. This broadband choice of outputs makes the new AX-4120TS 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. 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. CE-Certificate for European wide operation.

The most important features

- Output power 4x120 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: 13,6 kg
- Case and chassis of heavy duty steel, powder coated
- European high quality product
- **6 years warranty**



Technical Specifications

Output power (RMS, 1 kHz, 1% THD)
 constant voltage 4 x 120 Watt
 low impedance (nominal 8 Ω) 4 x 120 Watt
 low impedance bridge mode (8 Ω) 2 x 350 Watt

Input sensitivity
 1 V

Input Impedance
 20 kΩ, balanced

Total Harmonic Distortion (THD)
 <0,07% @ 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)

Net Weight
 13,6 kg



Architect Specifications

Four channel power amplifier with constant voltage outputs (taps 50-, 70- and 100V) and additional low impedance output rated at 8 Ohms; output power 4 x 120 W at all constant voltages and low impedance (8 Ohms), bridged (8 Ohms) 2 x 350 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 13,6 kg. The amplifier shall be an Axxent model AX-4120TS.