

Professional Amplifier 50V/70V/100V + 4 Ohm, 120 W



Compact amplifier without fan
for 50V/70V/100V and low-impedance operation

Key Features

The Axxent T-Series amplifiers are optimized for PA systems with constant voltage distribution. The new model AX-1121T expands the T-Series with a single-channel amplifier offering constant voltage outputs of 50, 70, and 100 volts, **plus a low-impedance output** (4 Ω). With its wide range of output configurations and compact design at just 1 RU, the AX-1121T is extremely versatile. It cools passively and silently, maintaining a steady operating temperature. Current operational statuses like power on, signal presence, and overload risk are indicated by distinct visual markers. The sole control feature is the sensitivity dial, which can be removed and covered with a plug to prevent accidental adjustments.

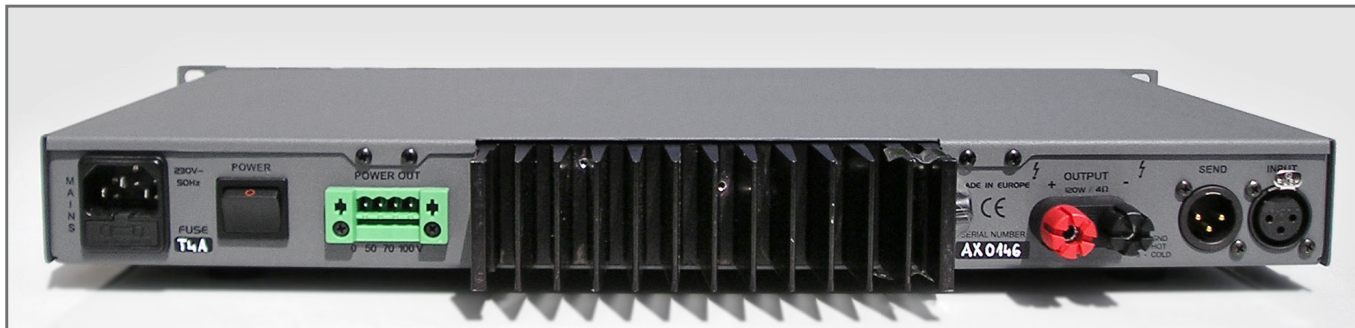
The input features a balanced XLR connection. The constant voltage outputs have protected screw/clamp connections, while the low-impedance output uses binding posts. An additional XLR connector is available for signal looping. The power switch and IEC power inlet are located on the rear of the unit. The detachable cable simplifies rack wiring. The sturdy 19" rack housing at 1 RU is constructed from steel with a powder-coated front panel. CE certification ensures compliance across Europe.

Conclusion: A compact amplifier combining reliability, versatility, and ultra-quiet operation through passive cooling.

Key Specifications

- Continuous output power: 120W_{RMS} for all constant voltage configurations and with low impedance operation (4 Ω)
- Compact housing for rack mounting at just 1 RU
- Input: Balanced XLR connections Outputs: Screw-clamp and binding posts
- Additional XLR connector for signal looping
- Fanless passive cooling for silent operation
- Sensitivity dial on the front panel, removable knob (protection against misuse)
- IEC power socket for easy rack wiring and power switch on the back of the unit
- Dimensions: 483 x 44 (1 RU) x 290 mm (W x H x D)
- Weight: 7.8 kg
- Robust steel chassis, powder-coated front panel
- European quality product
- **6-year full warranty**

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Technical Specifications

Continuous Output Power (Sine 1 kHz, 1% THD)

Constant Voltage Outputs (50-, 70-, 100 V): 120 W

Low Impedance Output (4 Ω): 120 W

Input Sensitivity

1 Volt

Input Impedance

20 k Ω , balanced

Total Harmonic Distortion (THD)

<0.07% @1 kHz/-3 dB

Frequency Range

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

Signal-to-Noise Ratio (S/N Ratio)

>98 dB

Output Voltage

50-, 70-, and 100 Volts at nominal input level

Cooling

silent passive cooling

Input

balanced, XLR

Outputs

Constant Voltage: 4-pole screw/clamp

Low Impedance: terminal posts, touch-proof

Additional XLR connector for signal looping

LED Indicators

for On/Off, Signal Presence, Signal Peak

Controls (Front Panel)

Level Control for Input Sensitivity,
Knob to prevent accidental adjustment,
removable (blank plug included)

Operating Voltage 230 V~, 50 Hz

Dimensions

483 (standard rack) x 44 (1 RU) x 290 mm (W x H x D)

Net Weight

7.8 kg



Tender Text

Single-channel amplifier for constant voltage distribution with outputs for 50-, 70-, and 100 Volts; additionally, separate low impedance output with a nominal impedance of 4 Ohms; continuous output power (RMS) of 120 W at all constant voltage and low impedance outputs at 4 Ohms; input: balanced XLR connections, outputs: screw terminals and terminal posts in two sections and XLR connector for signal looping; fanless passive cooling; indicators for on, signal presence, and signal peak; level control for input sensitivity; chassis and housing made of sheet steel with powder-coated front; on/off switch and power connector (IEC) on the rear of the device; rack housing with 1 RU, dimensions 483 x 44 (1 RU) x 290 mm (W x H x D); weight 7.8 kg. The amplifier should be an Axxent model AX 1121T.