

Professional Power Amplifier 120 W at 4 ohms and 100 V



compact, fanless amplifier
for 50V/70V/100V and low-Z operation

General information

The axxent T-Series power amplifiers are optimized for constant voltage distribution in fixed installations. The new one channel model AX1121TS compliments 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 120 watts (rms) at all output configurations. This broadband choice of outputs makes the AX1121TS an ideal and most flexible choice for fixed installations. The 19" rack mount case with 1 U perfectly fits into standard racks. The passive cooling system guarantees absolutely quiet operation. Operating conditions, such as power on/off, signal present and signal peaks close to clipping are indicated with different colour LEDs. The only control on the amplifier front-panel is the "input sensitivity". For safety reasons the knob of the potentiometer is detachable and can be replaced with the blind cover found in the packaging.

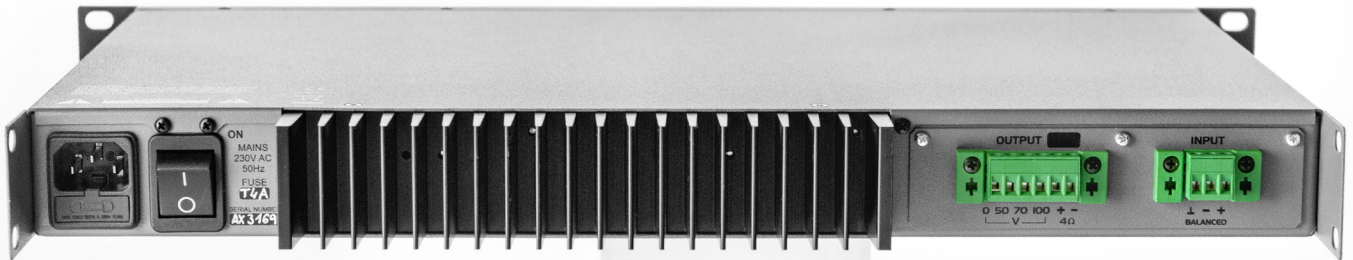
Euro-Block (Phoenix) connectors are used for all input and output connections. The power on/off switch with detachable IEC connector is located on the rear of the amplifier, facilitating the rack wiring. The robust case and chassis are made of heavy duty steel with powder coating. CE-certificate for European wide operation.

The bottom line: A professional amplifier that offers a combination of compact size, reliability, flexibility and absolutely quiet operation at an affordable price.

The most important features

- output power 120 watts rms at all output configurations, constant voltage or low impedance (4 ohms)
- compact 1 U design for easy 19" rack mounting
- "Euroblock" connectors on all in and outputs
- quiet passive cooling system
- 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
- 483 (standard 19" rack) x 44 (1U) x 285 mm (w x h x d)
- net weight: 5.5 kg net, 7.4 kg shipping
- case and chassis of heavy duty steel, powder coated
- European high quality product

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technical specifications

outputpower (rms, 1 kHz, 1% THD)
constant voltage (all): 120 w
low impedance (4 Ω) : 120 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
>98 dB

output voltage
50-, 70- and 100 v @ nominal input

cooling
noiseless passive cooling scheme

input
balanced Euroblock connector

outputs
Euroblock connector

LED indicators

for on/off, signal present and signal overload

controls

input sensitivity on front panel with detachable knob

power supply

230 VAC, 50 Hz

dimensions

483 (standard 19" rack) x 44 (1U) x 285 mm
(w x h x d)

net weight

5.5 kg net, 7.4 kg shipping



architects' 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 120 w at all constant voltages and low impedance (4 ohms) output configurations; input: Euroblock connector; outputs: Euroblock connectors; noiseless passive cooling scheme; 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 (1 U); dimensions 483 x 44 (1U) x 285 mm (W x H x D); net weight 5.5 kg. The amplifier shall be an axxent model AX1121TS.