



Professional power amplifier with passive cooling for constant voltage and low impedance outputs

#### The most important features

The axxent TS-Series power amplifiers are optimized for constant voltage distribution in fixed installations. The new 1-channel model AX1240TS with 240 watts (rms) rated output power 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 240 watts rms at all output configurations. This broadband choice of outputs makes the new AX1240TS 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. 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 frontpanel 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.

The input is equipped with a balanced XLR connector, the constant voltage output with a 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 professional amplifier that offers a combination of compact size, reliability, flexibility and absolutely quiet operation, topped by an affordable pricing.

#### Data and facts

- Output power 240 Watt RMS at all output configurations, constant voltage or low impedance (4 Ohms)
- Compact 2 U design for easy 19" rack mounting
- Balanced XLR connectors on inputs and signal loop-through, Euroblock and binding posts on 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
- Dimensions: 483 (19") x 88 (2 U) x 290 mm (w x h x d)
- Net weight: 7.15 kg
- Case and chassis of heavy duty steel, powder coated
- European high quality product



#### technical specifications

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

constant voltage (all): 240 W  
low impedance (4 Ω): 240 W

##### 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

>100 dB  
>104 dbA

##### output voltage

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

##### cooling

noiseless passive cooling scheme

##### input

balanced XLR

##### signal loop through

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 (Standard 19" rack) x 88 (2U) x 290 mm (w x h x d)

##### weight

7.15 kg net, 9.45 kg shipping



##### architects' specifications

One channel power amplifier with constant voltage outputs (taps 50-, 70- and 100v) and additional low impedance output rated at 4 ohms; output power 240w 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); 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 (2U); dimensions 483 x 88 (2U) x 290 mm (W x H x D); net weight 7.15 kg. The amplifier shall be an axxent model AX1240TS.