

General Information

The axxent AMV7240 MKII represents an automatic mixer/amplifier for universal use in applications such as houses of worship, schools, universities, conferences, meetings, discussions etc.

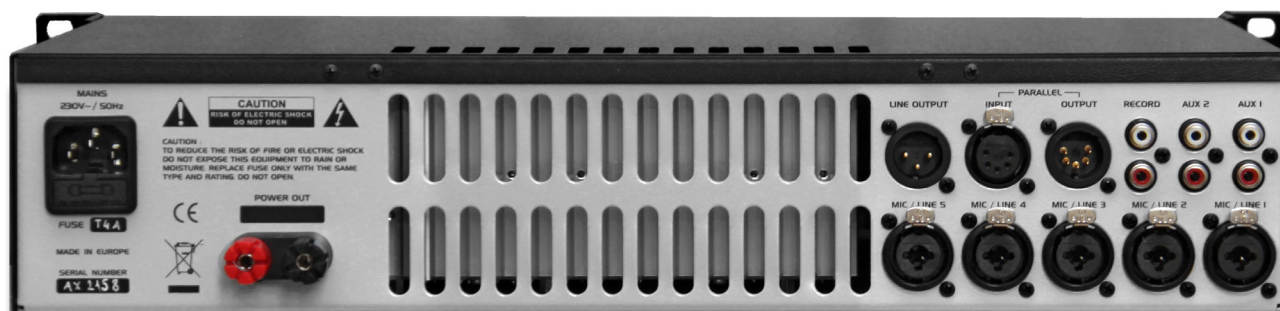
5 inputs, microphone or line level, and 2 additional inputs for compact disc player, tuner or other high level sources. What you also would highly appreciate are the adjustable EQs for gain, high-, mid- and low frequencies, compressor- and gate circuits per channel all with internal access, precisely adjustable by qualified installers. All 5 microphone-/line inputs provide an automatic mixing function (gating), each with engage/disable function from the front panel. Inputs provide 48 V phantom power to operate professional condenser microphones. A limiter circuit prevents inputs from overloads. The two aux level inputs are switchable from the front panel, featuring both level control and low/high equalization.

The power amplifier provides power of up to 240 watts (RMS), controlled by level potentiometers on the front. Output is 100 volt constant voltage provided by an isolated transformer. A recording device may be connected to a dedicated output (pre automatic circuit), so that the "atmo" of the room is maintained, even during high attenuation of the inputs by the gating process.

For expansion purposes, e.g. for doubling the number of in- and outputs, a separate parallel output for connecting a second model AMV7240 comes in handy. The loop-thru connector allows for hook up of external FX- or DSP devices. The signal is available pre- or post EQ-/level control for the summed signal. The internally adjustable equalization section offers 4 filters (gain, bandwidth, center frequency) to compensate for shortcomings of speaker characteristics and the acoustic environment.

The most important features

- automatic mixer with built-in amplifier, 240 watts (RMS)
- Output: 100 V transformer isolated
- five microphone-/line inputs
- automatic function separately switchable
- balanced XLR-/phone combo sockets
- 48 v phantom power
- 2 auxiliary inputs, RCA, switchable
- input limiter
- gain adjustment internal per channel
- hi, mid and low EQ, adjustable internal per channel
- compressor per mic input, internally adjustable
- parametric EQ for mix with 4 internal adjustable filters
- recording output
- parallel input for additional AMV7240 MKII
for doubling the number of in-/outputs
- loop thru connector for Fx, DSPs etc.
- balanced line output for additional amplifiers
- rugged 19" steel case, 2 U
- rack ears are detachable for desktop use
- European high quality product, rugged and reliable



technical data

output power

200 W sine wave, 240 Wrms

frequency response

35-20000 Hz (-3 dB)

total harmonic distortion (THD)

<0.15%

signal to noise ratio

microphone inputs: >68 dB; aux inputs: >98 dB

power output

100 V/44 Ohms, transformer isolated

output level +6 dB, balanced

inputs

2 aux, unbalanced on 2 RCA connectors, switchable

5 mic-/line inputs, 3 pin XLR combo connectors

parallel in-/output (loop thru for fx, DSPs etc.)

5 pin XLR, balanced in-/outputs +6 dB

input sensitivity

mic/line .7 mV - 460 mV/2.6 k Ω

aux inputs 7 mV - 4.6 V/26 k Ω

phantom power

+48 V=/10 mA, internal switchable on each input

power consumption

40 VA idle, full load 370 VA

mains voltage

230 VAC

mains connector

IEC, detachable

dimensions (w x h x d)

430 x 88 x 335 mm (19"/2 U)

width including rack ears 483 mm

weight

net: 10.15 kg, shipping: 12.7 kg



architects' specification

Automatic mixer with integrated amplifier; typical applications: churches, schools, conferences and discussions etc.; 5 balanced XLR/phone combo inputs (mic-/line, CD/computer/tuner etc.); internal, separate presets per channel for: gain, hi/mid/low, compressor and gate; all mic-/line inputs with automatic mix function, separately switchable on front side; 48 V phantom power; limiter circuit; 240 W (RMS) at 100 V constant voltage, transformer isolated; recording output pre level automatic; parallel in/out for expansion use (doubling in/outputs), as loop-thru for FX/DSPs or as feed for additional power amplifiers (signal pre-/post-EQ); parametric EQ for adapting to environmental acoustics; 19" steel rack with 2 U. The automatic mixing amplifier should be the model axxent AMV7240 MKII.