



### convection cooled compact power amplifier 2x90 W Wrms @4 ohms or 2x65 Wrms @8 ohms

#### Compact, quiet and powerful

The all-new axxent power amplifier CLP2090 has been designed for the operation with smaller loudspeaker systems in recording studios or fixed installations. It provides high performance and quality standard at an affordable price.

A passive cooling system guarantees a constant operation temperature without forced fan cooling. Electronic protection circuits make this amplifier ultra-reliable even under adverse operation conditions. Operating conditions are visible through coloured LED's.

Input connectors are balanced Neutrik 3 pin female xlr's. Parallel male xlr connectors are to be used for routing the input signal to slave amplifiers. Output connectors are robust touch proof binding posts.

The CLP2090 power amplifier provides 2 x 90 Wrms into a 4 ohms load or 2 x 65 Wrms into an 8 ohms load.

A robust powder coated steel case together with the advanced electronic circuitry allows many years of trouble-free operation.

#### Features

- Output power: 2 x 90 Wrms @4 ohms, or 2 x 65 Wrms @ 8 ohms load
- Compact rack mount design with 1 RU (44 mm) only
- Input: balanced 3 pin female Neutrik xlr connectors, with through connectors (3 pin male Neutrik xlr connectors)
- Passive cooling with no fan for quiet operation
- Gain controls and power switch on front side
- Size: 483 x 44 (1 RU) x 320 mm (WxHxD)
- Weight: 6.5 kg net
- Case and chassis made of powder coated quality steel
- Made in the European Union



### technical specifications

#### output power

2 x 90 Wrms into 4 ohms loads or  
2 x 65 Wrms at 8 ohms (sine wave @1 kHz, 1%THD)

#### input sensitivity

1 V (at given power spec., 4 ohms)

#### input impedance

20 kΩ, balanced

#### total harmonic distortion (THD)

less than 0.02% @ 1 kHz, 8 ohms

#### frequency response

10...60.000 Hz (+0/-1 dB)

#### s/n ratio

greater than 115 dB (A-weighted)

#### cooling

passive, noiseless

#### protections:

against short-circuit, thermal overload

#### input section:

balanced 3-pin female xlr connectors with  
parallel male xlr connectors to slave amplifiers

#### output:

Touch-proof binding posts

#### indicators:

green/red LED for power/temp; green LED's  
for signal and red LED's for peak signal

#### controls:

mains switch and gain controls at front panel

#### power requirement:

230 VAC, 50 Hz

#### power consumption, max.:

320 W

#### dimensions:

483 x 44 (1 RU) x 320 mm (WxHxD)

#### weight:

6.5 kg net



#### architect specification

two channel audio amplifier, 2x90 W at nominal impedance of 4 ohms or 2x65 W at nominal impedance of 8 ohms; input connectors should be balanced 3 pin xlr with male parallel outputs to slave amplifiers; it should feature a quiet passive cooling system; indicators should include LEDs for power on, temperature, signal presence and signal peak signal; volume (gain); controls and power switch should be located on front panel; output connectors should be touch proof binding posts; the amplifier should have 19" rack mounting possibility with only 44 mm of height (1 RU); the depth should not exceed 320 mm. The amplifier should be an axxent model CLP2090.