



### Description

The new Axxent Mixer/Amplifier **GPX 2500** was specially developed and designed for applications such as restaurants, pubs, bars, bistros, lounges, sport studios (aerobic) or in amusement and entertainment facilities.

The **GPX 2500** is a high quality mixer with integrated independent 4 channel amplifier, each capable of delivering 100 Watts (RMS) into 4 Ohms. The robust steel housing is of compact size with a relatively small depth. Rubber feet ensure a safe placement on surfaces. The units are shipped with ready mounted rack ears, detachable for table mount. The height of 2 U was intentionally selected to provide easy to locate and adjust the control elements. The mixer provides two balanced microphone inputs on the front with switchable phantom power and a stereo input for instruments with 1/4" TRS jacks, adaptable to RCA connectors (adapters included).

Each of the three front inputs provide a 3-band equalizer with level controls. Located on the rear side are two microphone inputs in parallel to the front inputs and 5 stereo AUX inputs. The signal sources are selectable on the front side with a big rotary knob and have their own level control. Recordings can be made via additional RCA outputs. A 7-band equalizer with sliders on the front allows for a sound fine tuning. For safety reasons this section may be protected by a cover plate. The model GPX 2500 provides a main stereo output and two additional mono zone outputs with their own level controls. Additional external amplifiers may also be connected here.

A special highlight of the GPX 2500 is the switchable and adjustable multiband limiter. Without adding sound coloration the limiter allows attenuation of output levels up to 30 dB.



### Features

- Mixer with integrated independent 4 power amplifier each capable of delivering 100 W (RMS) into 4 Ohms
- 2 XLR-microphone inputs with switchable phantom power
- Stereo-Input\*, 1/4" TRS adaptable to RCA, for instruments or CD/MP3-player (adapter included)
- 3 band equalizer on each input with separate level controls
- Source select switch for the 5 stereo AUX inputs
- 7 band equalizer (with optional protection cover included)
- Stereo output level control (master output)
- 2 mono zone level controls
- switchable and adjustable (up to 30 dB) multiband limiter
- power on/off switch
- 2 XLR microphone inputs, parallel on front and rear
- 5 stereo AUX inputs
- Stereo record outputs (RCA)
- Stereo main output (XLR), also for additional amplifiers
- Mono zone outputs (XLR), also for additional amplifiers
- Dimensions (without rack ears): 430 x 88 x 260 mm (w x h x d)  
Dimensions (with rack ears): 483 x 88 x 260 mm (w x h x d)
- Weight 10.4 kg (net), 13 kg (shipping)
- Case and chassis: robust durable steel construction
- High quality product made in Europe
- 6 years of full warranty

\* left line input is a TRS jack, allowing the use as Stereo or as separate mono left/right inputs



### Specifications

#### Amplifier

4 integrated independent power amplifiers, each 100 W (RMS) at 4 Ohms

Microphone inputs.....balanced (XLR)

Line inputs.....left stereo 1/4" TRS jacks, balanced

.....right mono 1/4" jacks, unbalanced

Stereo inputs.....unbalanced (RCA)

Microphone input impedance .....2 k $\Omega$

Microphone gain range.....off to -48 dBV

Line input impedance .....10 k $\Omega$

Levelrange line.....off to +2 dBV

Signal to Noise Ratio ..... $\geq$ 92 dB

Stereo input impedance .....10 k $\Omega$

Stereo input gain range .....off to -16 dBV

**Outputs**.....balanced (XLR)

Impedance .....500  $\Omega$

Gain Range.....off to -14 dBV

Sensitivity (drive level).....1 V

Phantom power .....+48 VDC

THD+Noise .....0.1 %

Frequency response .....20 Hz - 20 kHz/ -1 dB

Crosstalk .....>-50 dB

Power Supply .....230 VAC, 80 mA

Construction .....all steel

Dimensions (w x h x d) .....483 x 88 x 260 mm (with rack ears)

.....430 x 88 x 260 mm (w/o rack ears)

Weight .....4.4 kg (net), 5.9 kg (shipping)

*Technical modifications reserved without prior notice*



*2 adapters RCA to phone plugs are included*



#### DECLARATION OF CONFORMITY

We declare as our sole responsibility that this product is in compliance with the EMC Directive 89/336/EEC and conforms to the requirements of the Harmonized Product Standards EN 55013 (Product Emissions), and EN 55020 (Product Immunity).

#### Architectural Specifications

Professional audio mixer/amplifier with 4 integrated independent power amplifiers each capable of delivering up to 100 W (RMS) at 4 Ohms; specially designed for a wide variety of applications in gastronomy (restaurants, pubs, bars etc.) and in entertainment facilities; 2 balanced microphone inputs (XLR) with switchable phantom power, parallel inputs on front and rear; stereo line inputs (adapter RCA/TRS included); 3 band EQ with separate level controls on each input; source select rotary knob for 5 aux inputs; 7 band EQ on main stereo output with optional protective cover plate; individual level controls for 2 zone outputs, switchable and adjustable multiband limiter for SPL-attenuation of up to 30 dB without noticeable side effects; separate RCA outputs for recording; stereo main outputs (XLR); 2 mono zone outputs (XLR), both usable for feeding additional external amplifiers; construction all steel; dimensions 483 x 88 x 260 mm (w x h x d, incl. rack mounting brackets); weight 10.4 kg net, 13 kg shipping. The mixer/amplifier shall be an Axsent model GPX 2500.