



General information

The axxent Professional Mixer GMX2500 was specially developed and designed for applications such as restaurants, pubs, bars, bistros, lounges, sport studios (aerobic) or in amusement and entertainment facilities.

The GMX2500 is a high quality mixer in a robust steel housing, 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 3band 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 7band 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 Professional Mixer GMX2500 provides a main stereo output and two additional mono zone outputs with their own level controls.

A special highlight of the professional mixer GMX2500 is the switchable and adjustable multiband limiter. Without adding sound coloration the limiter allows an attenuation of output levels up to 30 dB.



The most important features

- 2 mic XLR inputs with switchable phantom power
- stereo input*, phone plug adaptable to cinch (adapter included) for RCA for instruments or CD/MP3 player
- 3band EQ per input and volume control
- 7band EQ (with optional coverplate)
- stereo summing control on output
- 2 mono zone controls
- multiband limiter adjustable up to 30 dB
- power on/off switch
- 2 mic inputs (XLR), parallel with inputs on front
- 5 stereo AUX inputs
- record out, RCA Stereo
- stereo master output (XLR)
- dimensions (w/o rack bracket):
430 x 88 x 260 mm (w x h x d)
(with rack bracket): 483 x 88 x 260 mm (w x h x d)
- weight 4.4 kg (net); 5.9 kg (shipping)
- case and chassis made of robust stainless steel
- european quality product

*the left phone plug input is wired "stereo", so that it may be used in either mode - stereo TRS or mono L/R



technical specifications

micropone inputs
balanced (XLR)

line inputs left
stereo 1/4" TRS jacks, balanced

line inputs right
mono 1/4" jacks, unbalanced

stereo inputs
unbalanced (RCA)

microphone input impedance
2 kΩ

microphone gain range
off to +50 dB

line input impedance
10 kΩ

signal to noise ratio
≥92 dB

stereo input impedance
10 kΩ

stereo input gain range
off to +3 dB

outputs
balanced (XLR)

impedance
500 Ω

gain range
off to +0 dB

sensitivity (drive level)
1 V

phantom power
+48 VCD

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)



architects' specifications

Professional audio mixer, 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); construction all steel; dimensions 483 x 88 x 260 mm (w x h x d, incl. rack mounting brackets); weight 4.4 kg net, 5.9 kg shipping. The mixer shall be an axxent Professional Mixer GMX2500.



2 adapters RCA/phone jack are included