

## MX1000II/MX1500II/MX2000II/MX2500II

### Professional Stereo Conference Amplifier (2×150W/230W/300W/400W)



## Description

The MX1000II MX1500II MX2000II MX2500II series is a range of professional two-channel stereo power amplifiers that offer a high-power output and individual volume control for each channel. With flexible input options, LED working status indication and various protection features, this series is great for large events and sound reinforcement in different occasions.

## Features

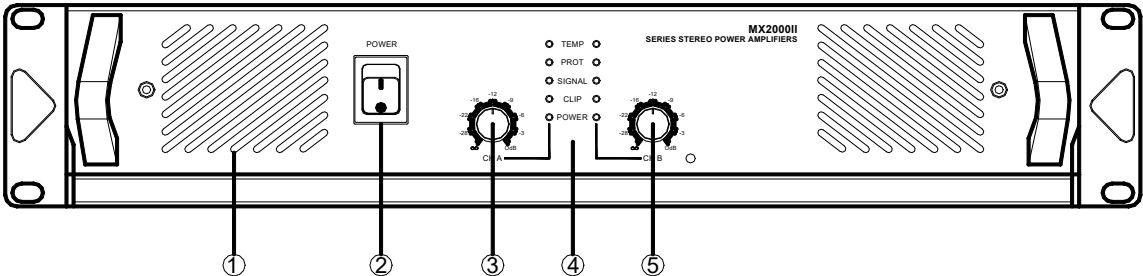
- Professional two-channel stereo power amplifier
- New design, standard chassis, suitable for standard cabinet installation
- A series of high-power amplifier arbitrary choice to meet the different needs
- Dual channel, mono and BTL bridge three output options for the choice of output mode switch selection
- Individual volume control for each channel
- 4Ω minimum load impedance of stereo working, 8Ωload impedance the minimum of BTL working
- With XLR signal output interface, flexible and convenient to use
- The output of the power amplifier has common terminals and professional SPEAKON speaker sockets (stereo and bridge working modes only);
- With short circuit protection, DC protection, power off and a variety of protection and alarm functions

- Each channel is equipped with LED working status indication, low noise design
- Suitable for a variety of different occasions, language transmission and sound reinforcement.

## Specifications

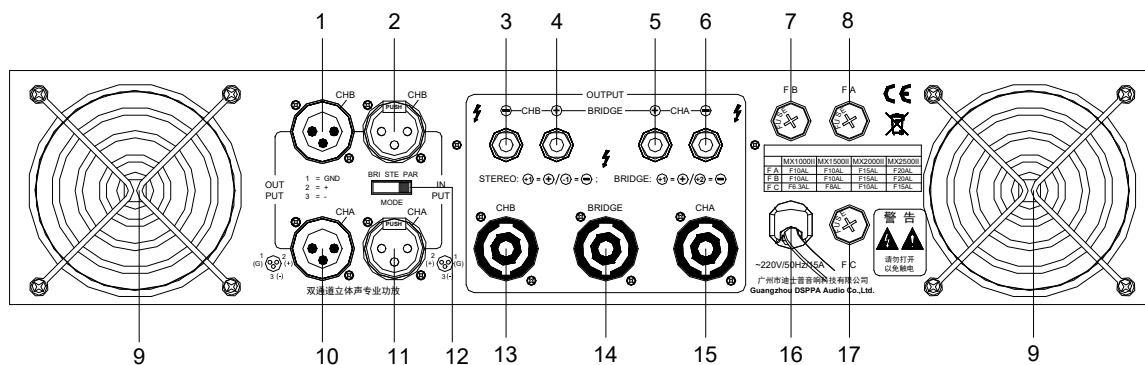
| Model                             | MX1000II                                                         | MX1500II | MX2000II | MX2500II |
|-----------------------------------|------------------------------------------------------------------|----------|----------|----------|
| Rated Output / Per Channel, 8Ω    | 150W                                                             | 230W     | 300W     | 400W     |
| Rated Output / Per Channel, 4Ω    | 250W                                                             | 350W     | 450W     | 700W     |
| Rated Output / Bridge, 8Ω         | 500W                                                             | 700W     | 900W     | 1400W    |
| Input Sensitivity                 | 600mV                                                            | 700mV    | 800mV    | 1000mV   |
| SNR                               | ≥100dB                                                           |          |          |          |
| Damping Coefficient/8Ω,1kHz       | 200:1                                                            |          |          |          |
| Input Common-Mode Rejection       | > 90dB                                                           |          |          |          |
| Frequency Response                | 20Hz-20kHz (±3dB)                                                |          |          |          |
| Harmonic Distortion Factor4Ω/1kHz | < 0.1%                                                           |          |          |          |
| Channel Impedance                 | 4-16Ω                                                            |          |          |          |
| Channel Crosstalk                 | <-70dB                                                           |          |          |          |
| Voltage Gain                      | > 38dB                                                           |          |          |          |
| Display                           | “POWER”, “CLIP”, “SIGNAL”, “DC”, “TEMP” and other LED indicators |          |          |          |
| Power Supply                      | AC220V/50Hz                                                      |          |          |          |
| Protection                        | Power Off, DC Output, Load Short Circuit                         |          |          |          |
| Product Size (mm)                 | (L×W×H) 484×446×88 (2U)                                          |          |          |          |
| Package Size (mm)                 | (L×W×H) 535×530×195                                              |          |          |          |
| G/W                               | 17.2 kg                                                          | 18.8kg   | 23 kg    | 25.5 kg  |
| N/W                               | 15.2kg                                                           | 16.8kg   | 21kg     | 23.5kg   |

## Front / Rear Panel



- ① Cooling Fan  
The machine has cooling windows in left and right side respectively, in order to guarantee the good ventilation; do not block any of the ventilation when the machine is under operation.
- ② Power Switch  
“I” for on, “O” for off.

- ③ Channel A volume control knob (Input attenuation)
- ④ Machine working status indicator:  
 TEMP: High temperature indicator, the indicator light when under high temperature protection  
 PROT: Protection indicator, DC output protection and short circuit protection, under the two protection indicator light  
 SIGNAL: Signal indicator, amplifier output instructions. This indicator lights when the amplifier has a signal output.  
 CLIP: Cutting the top of the distortion indicator, when the top of the distortion the indicator light. Please reduce the gain, to avoid long-term signal cutting to protect the amplifier and speaker equipment  
 POWER: Power indicator, channel A and channel B power indicator
- ⑤ Channel B volume control knob (input attenuation)



- ① Channel B line audio output three-core XLR interface (male)
- ② Channel B line audio input three-core XLR interface (female)
- ③ Channel B amplifier output "-" class terminal (connected to the speaker device "-" level)
- ④ Channel B amplifier output "+" class terminal (connected to the speaker device "+" level)
- ⑤ Channel A amplifier output "+" class terminal (connected to the speaker device "+" level)
- ⑥ Channel A amplifier output "-" class terminal (connected to the speaker device "-" level)
- ⑦ Channel B AC fuse

After the fuse is blown, replace it with the same specifications fuse. If the continuous fusing, then the machine internal failure, please remove the fault and then use the same specifications of the fuse to replace.

- ⑧ Channel A AC fuse

After the fuse is blown, replace it with the same specifications fuse. If the continuous fusing, then the machine internal failure, please remove the fault and then use the same specifications of the fuse to replace.

- ⑨ Cooling fan window

Do not block the cooling fan window under any circumstances.

- ⑩ Channel A line audio output three-core XLR interface (male)

- ⑪ Channel A line audio input three-core XLR interface (female)

Using standard XLR (female socket), the wiring method is: 1 pin: signal ground 2 pin: signal + 3 pin: signal -.

- ⑫ Power amplifier working mode selection switch

This machine has bridge output working mode, stereo working mode and input signal parallel working mode:

- BRI: Channel A/B bridge working mode;
- STE: Stereo working mode;
- PAR: Input signal parallel working mode;

- ⑬ Channel B professional SPEAKON speaker socket  
When the device works in stereo mode, the SPEAKON socket can be used for connection. The connection method is: +1 is connected to the positive terminal of the speaker; -1 is connected to the negative terminal of the speaker;
- ⑭ Channel A/B bridged professional SPEAKON speaker socket  
When the device works in input signal parallel mode, the SPEAKON socket can be used for connection. The connection method is: +1 is connected to the positive terminal of the speaker; +2 is connected to the negative terminal of the speaker;
- ⑮ Channel A professional SPEAKON speaker socket  
When the device works in stereo mode, the SPEAKON socket can be used for connection. The connection method is: +1 is connected to the positive terminal of the speaker; -1 is connected to the negative terminal of the speaker;
- ⑯ Local AC220V power input  
If the power cable is damaged, please do not connect it to the mains power grid and repair it in time.
- ⑰ Local AC220V power input fuse holder  
After the fuse is blown, replace it with the same specifications fuse. If the continuous fuse, then the machine internal failure, please remove the fault and then use the same specifications of the fuse to replace.