MP912 4x120W Matrix Bluetooth Mixer Amplifier

*F*eatures

- ➢ Four channels of line output
- ➢ Four channels of power output
- ➢ 2 channels of line input, each of which may adjust the volume and tune independently;
- ➢ 3 channels of microphone balanced input, each of which may adjust the gain and tune independently with the optional +48V phantom power supply;
- ➢ 4 channels of remote paging microphone inputs (Linking up to 10 equipments)
- ➢ With built-in MP3 module, play mainstream 32G U-disks
- ➢ LED indication, level indication, and protection indication
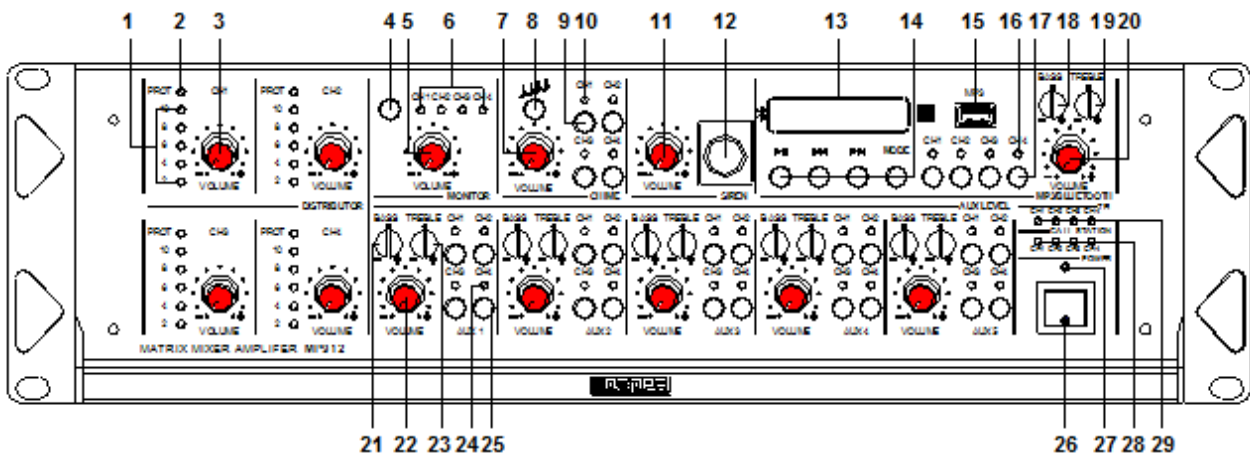
Description

MP912 four-channel matrix power amplifier is a kind of cost-effective professional intelligent address system combining the luxurious and high-grade aluminum-alloy panel with standard and exquisite case with an elegant appearance, and also suitable for household, factory, school, hospital, shop and other commercial application. The amplification system of this equipment is designed with imported power tube, resulting in the strong power, wide frequency band, low noise, high fidelity and quality at the level of performance.

Specification

Type	MP912
Rated output power	120W ×4
Loudspeaker output	4-16Ω, 70V, 100V
Input sensitivity and input impedance	AUX1, AUX2, AUX3: (3±0.5mV/600Ω) ~ (300±50mV /10KΩ) balanced input;
	AUX4, AUX5: 300±50 mV /10 KΩ unbalanced input; TEL: 300±50mV /10 K Ω; CALL STATION1, 2, 3: 2000±100 mV/10KΩ balanced input
Tune	Bass 100Hz ±10±2 dB;
	Treble 10000H ±10±2dB;
Frequency response	80Hz~16KHz
Signal to noise ratio	≥75 dB
AUX1---4 output level	2V/600 Ω balanced output
MP3	Play documents in the formats of MP3, WMA, WAC and ACC stored in 32GU disk or transferred by bluetooth
Dimension of equipment (L×W×H mm)	483×132×440mm
Dimension of packing (L×W×H mm)	550×550×215mm
Net weight	28kg
Gross weight	30.5kg

I. Description of Appearance

2.1 Description of Front Panel

1   Channel CH1 level indicator lamp

Indicate the input level of this channel, and for channel CH2, CH3, CH4 and so on.

2   Channel CH1 power amplifier protection indicator lamp

When using this channel, this indicator lamp is alight, and for channel CH2, CH3, CH4 and so on.

3   Channel CH1 volume adjustment knob

Turn it clockwise to increase the volume, and for channel CH2, CH3, CH4 and so on.

4   Channel monitoring selection key

Press this key to select channel CH1, CH2, CH3 and CH4 in turn, and the corresponding indicator lamp will be alight; in such case, adjust the monitoring volume of this channel.

5   Channel monitoring volume adjustment knob

Press key 4 to select the channel, and then turn this button to adjust the monitoring volume of this channel.

6   Channel monitoring selection indicator lamp

When pressing key 4 to select the channel, the corresponding channel indicator lamp will be alight.

7   Channel bell volume adjustment knob

Press the key 8 to turn on the bell; after pressing the key 9 to select the channel, turn this knob to adjust the bell volume of this channel.

8   Channel bell turn-on key

Press this key to turn on the bell.

9   Channel CH1 bell on-off key

Press this key, and the indicator lamp is alight, indicating that this channel is selected at this time, and then adjust the volume of the channel bell. Press this key against to turn it off, and for CH2, CH3, CH4 and so on.

10 Channel CH1 bell selection indicator lamp

Press the key 8 to turn on the bell; press the key 8 and the indicator lamp is alight, and then select this channel, and for CH2, CH3, CH4 and so on.

11 Siren volume adjustment knob

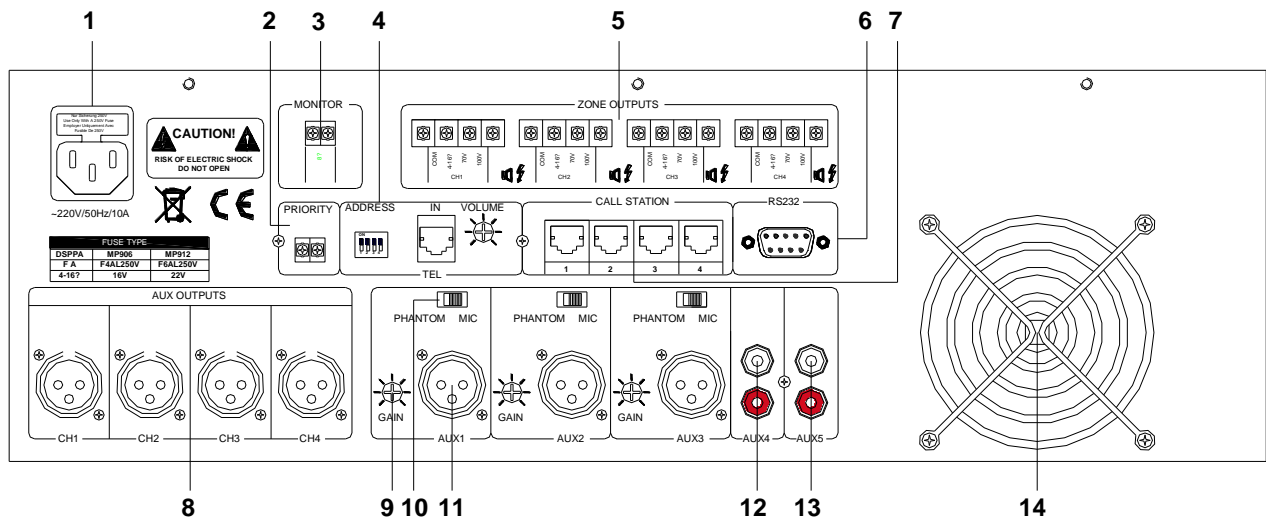Turn it clockwise to increase the volume.

12 Siren on-off key

Remove the white transparent shield and press this key to give the alarm.

13 MP3 display screen

Display the playing.

14 MP3 control key

2.2 Description of rear panel

1   Power line socket

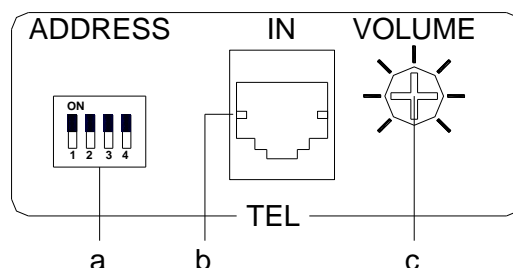Connect ~220V/50Hz power supply.

2   Priority level adjustment terminal PRIORITY

Please see description of performance characteristics for priority level in details.

3   Monitoring terminal

1W/8Ω adjust the volume and monitor the output of the four channels of lines.

4   Telephone signal input module

a Address dial-up

b Telephone line socket

c Volume adjustment knob

5   Matrix 4-channel output interface

Four-channels of power output, each of which has independent 4-16Ω terminal, 70V terminal, and 100V terminal. Connect the loudspeaker.

6   RS232 interface

It is used to expand the computer to control this equipment.

7   Remote paging microphone interface

4-channel remote paging microphone input (Linking up to 10 equipments)

8   AUX output interface

4-channel line output.

9   AUX1 input gain adjustment knob

And for AUX2, AUX3 and so on.

10 Microphone and phantom power supply switching key

3-channel microphone balanced input, each of which can adjust the gain and volume and tune independently with optional +48V phantom power supply.

11   AUX1 input interface

Connect microphone and other external sound sources, and for AUX2, AUX3 and so on.

12   AUX4 input interface

Connect other external sound sources.

13   AUX5 Input interface

Connect other external sound sources.

14   Fan outlet

III. Instruction to Connection

Telecommunication

Telephone

CM12

Monitoring

Junction

MONITOR

ZONE OUTPUTS

CAUTION!
RISK OF ELECTRIC SHOCK
DO NOT OPEN

~220V/50Hz/10A

FUSE-TYPE		
DSPPA	MP906	MP912
F A	F4AL250V	F6AL250V
4-16?	16V	22V

PRIORITY   ADDRESS   VOLUME

CALL STATION

RS232

TEL

AUX OUTPUTS

PHANTOM MIC   PHANTOM MIC   PHANTOM MIC

GAIN   GAIN   GAIN

CH1   CH2   CH3   CH4   AUX1   AUX2   AUX3   AUX4   AUX5

Pure   driver

Public Address Amplifier   MP2500

MIC

CD player