

# MP812 120W 6 Zones Bluetooth Mixer Amplifier



## Features

- 6 zones paging/USB/Bluetooth amplifier
- Built-in MP3 with USB input and Bluetooth function
- Rated power output: 120W
- 6 zones with 100V output, 70V/100V and 4-16 ohms
- 6 zones output with individual volume control
- With EMC, TEL input and one touch emergency button
- Remote paging console for 6 zones

## Description

MP812/825/835 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.

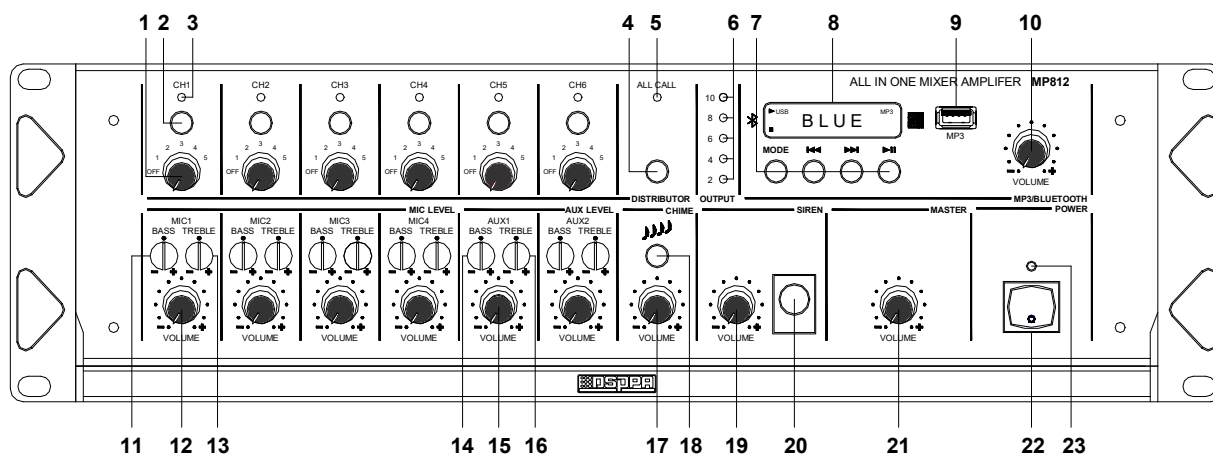
The amplification system of this equipment is designed with imported power tube, resulting in the strong power, wide frequency band, low noise, high fidelity and quality at the level of performance. In the equipment, there are six partitions and constant impedance output in order to facilitate the user to access the back-end loudspeaker. With the perfect and reliable overload protection, short-circuit protection, and overheat protection, the safety performance of this equipment is improved. The technical essence of this product is focused on the super adaptability and perfect performance.

## Specification

Type	MP812	MP825	MP835
Rated power	120W	250W	350W
Constant voltage output	70V, 100V		
Constant impedance output	4-16Ω (balanced, not grounded)		
Line input sensitivity	300mV(±50mV), 1kHz/unbalanced;		
Microphone input sensitivity	3.0mV(±0.5mV), 1kHz/unbalanced; 5.5mV(±0.5mV), 1kHz/balanced		
EMC input sensitivity	300mV(±50mV), 1kHz/unbalanced;		
Telephone sound source input sensitivity	300mV(±50mV), 1kHz/unbalanced;		
Frequency response	MIC: 100Hz-18kHz (±3dB); TEL: 100Hz-18kHz (±3dB); LINE: 80Hz-20kHz (±3dB);		
Tune control	±10dB (Bass: 100Hz); ±10dB (Treble: 10KHz);		
Signal to noise ratio	MIC: ≥55dB; TEL: ≥65dB; LINE: ≥75dB;		
Auxiliary line output	0dBV, unbalanced		
Remote microphone input	2000mV, balanced		
Protection function	Overload protection, short-circuit protection, temperature protection		
Total harmonic distortion	≤ 1% (1kHz, normal working condition)		
Output adjustment rate	From full load to no load, ≤3dB		
Power consumption	250W	500W	650W
Dimension of machine (L×W×H mm)	483×413×132		
Dimension of packing (L×W×H mm)	540×510×200		
Net weight	14kg	17kg	19kg
Gross weight	16.5kg	19.5kg	21.5kg

## II. Description of Appearance

### 2.1 Description of Front Panel



**1 Partition CH1 volume adjustment knob**

Adjust the volume of the partition CH1, and that of CH2, CH3, CH4, CH5, CH6 and so on.

**2 Partition CH1 switching key**

Press this key to turn on the partition CH1, and then partition CH2, CH3, CH4, CH5, CH6, and so on.

**3 Partition CH1 turn-indicator lamp**

When partition CH1 is turned on, this indicator lamp is alight, and that of CH2, CH3, CH4, CH5, CH6 and so on.

**4 All partitions control key**

Press this key to turn on all the partitions.

**5 All partitions indicator lamp**

Press key 4 to turn on the paging for all the partitions, and this indicator lamp is alight.

**6 Output level indicator lamp**

Display the output level.

**7 MP3/bluetooth player control key:**  
MODE

: MP3 and AUX switching key



: Previous song key;



: Next song key;



: Play/pause key;

**8 Digital display screen (8888)**

**9 USB port**

Support 32GU disk.

**10 MP3 volume adjustment knob**

Adjust the volume of MP3.

**11 Microphone MIC1 bass adjustment knob**

**BASS**

Taking central position as benchmark, turn counterclockwise to attenuate the base, and turn clockwise to enhance the base, and then MIC2, MIC3, MIC4 and soon.

**12 Microphone MIC1 volume adjustment knob**

Adjust the volume of microphone MC1, then that of MIC2, MIC3, MIC4 and so on.

**13 Microphone MIC1 treble adjustment knob**

**TREBLE**

Taking central position as benchmark, turn counterclockwise to attenuate the treble, and turn clockwise to enhance the treble, and then MIC2, MIC3, MIC4 and so on.

**14 Auxiliary input AUX1 bass adjustment knob**  
**BASS**

Taking central position as benchmark, turn counterclockwise to attenuate the base, and turn clockwise to enhance the base, and so on.

**15 Auxiliary input AUX1 volume adjustment knob**

Adjust the volume of auxiliary input AUX1, and that of AUX2, and so on.

**16 Auxiliary input AUX1 treble adjustment knob**  
**TREBLE**

Taking central position as benchmark, turn counterclockwise to attenuate the treble, and turn clockwise to enhance the treble, and that of AUX2 and so on.

**17 Bell volume adjustment knob**

Press the key 18 to turn on the bell, and turn this knob to adjust the output volume of the bell.

**18 Channel bell switching key**

Press this key to turn on the bell.

**19 Siren volume adjustment knob**

Adjust the volume of siren.

**20 Siren on-off button**

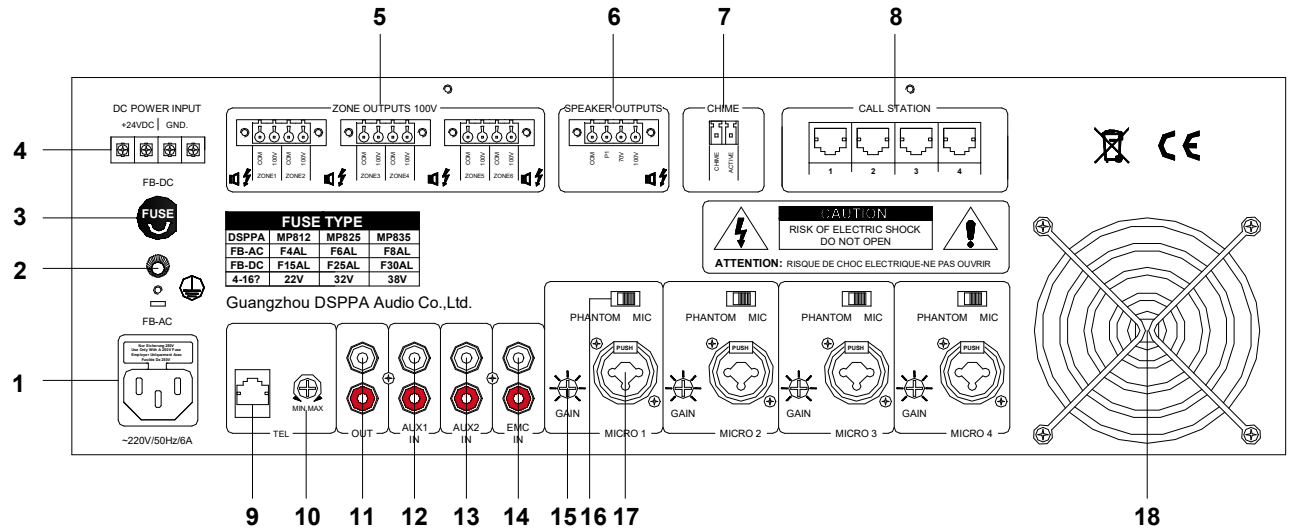
**21 Master volume adjustment knob**

Adjust the level of all the signals.

**22 Power switch**

**23 Power indicator lamp**

## 2.2 Description of rear panel



### Power line socket

Connect ~220V/50Hz power supply.

### 2 Grounding terminal

### 3 Fuse holder

### 4 24V connection terminal

### 5 Output terminal (ZONE1-6):

The partitions may be connected to loudspeaker lines at will.

### 6 Output terminal

Connect 4-16Ω or 70V/100V loudspeaker output.

### 7 Bell triggering terminal

### 8 Remote paging control interface

Connect CM12 pager control microphone to control the partition output on a remote basis.

### 9 Telephone input terminal (TEL IN)

It is used for remote telephone paging.

### 10 Telephone volume control knob

Adjust the volume of telephone input with the screwdriver.

### 11 Auxiliary output socket (To connect another power amplifier)

0dB, 600Ω, unbalanced output type, output of all the input signals.

### 12 Auxiliary input socket (AUX1)

Connect CD or other sound sources.

### 13 Auxiliary input socket (AUX2)

Connect CD or other sound sources.

### 14 Emergency input socket (EMC)

Used for input of fire signal.

### 15 MIC1 gain adjustment control knob

In order to prevent sever clipping of balanced phantom input, reduce gain properly, and then for MIC2, MIC3, MIC4 and so on.

**16 +48V phantom power control switch**

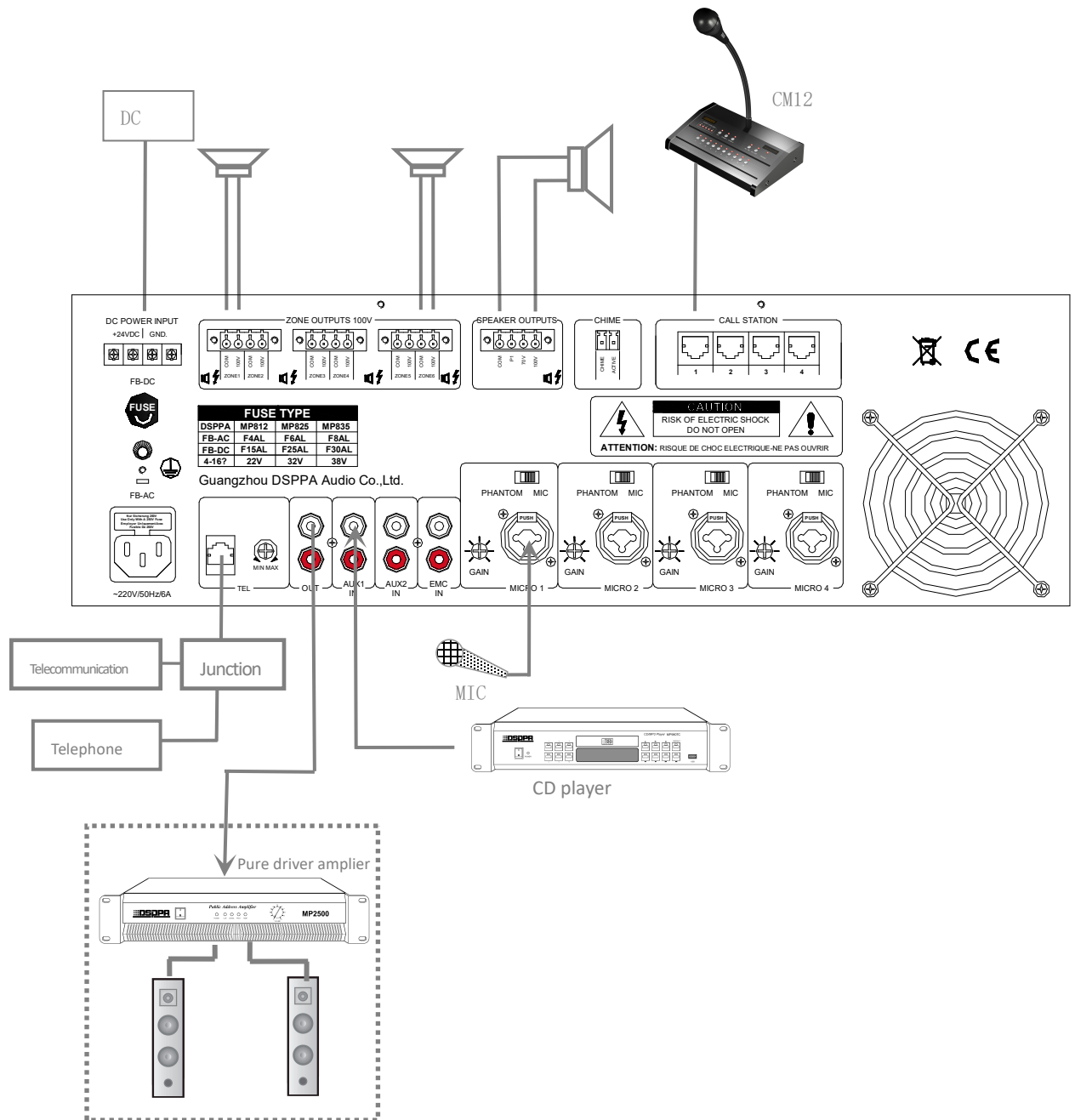
Control MIC1, MIC2, MIC3, MIC4 separately.

**17 Microphone MIC1 input socket**

And for MIC2, MIC3, MIC4 and so on.

**18 Cooling fan outlet**

**Instruction to Connection**



Note: Please refer to the connection mode of CM12 for the connection between MP812 and M12.

Please see the operation instruction to CM12.