

# MP2500 650W 70V-100V 4-16 ohm Amplifier

## Features



- Rack mount amplifier in 2U height
- 70V, 100V and 4-16 ohm speaker outputs
- Isolated transformer for human safety operation
- Rated power 650W, 5 LED indicator for status display
- Indications for power, signal, clip, protection and temp
- Reliable protection from overheat, overload, clip & short circuit
- XLR socket and 6.35mm jack for additional mixer or amplifier link
- Excellent device of radiator cooling fan ensures working effectively

## Description

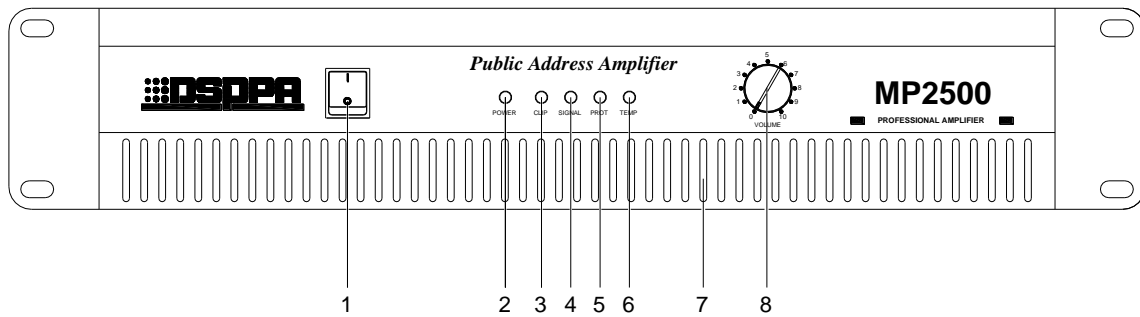
This amplifier is designed for commercial and industrial public address applications. Rack mount design in 2U type and rated power is 650W.

Both balanced and unbalanced line inputs are available for each channel. Balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. 70V, 100V and 4-16ohm speaker outputs are convenient for installation when selection different speaker matching. A master volume control is included. Complete protection includes clip, short circuit, high temp and overload. With indications for power, signal, clip, protection and temp.

## Specification

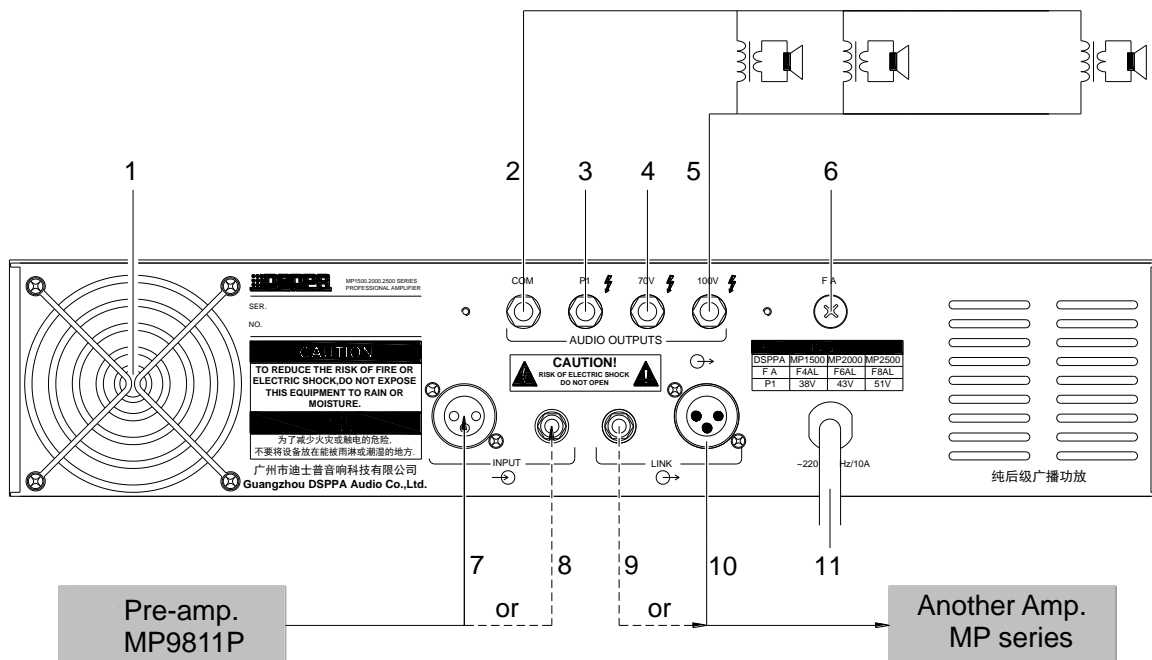
<b>Model</b>	<b>MP2500</b>
<b>Rated power</b>	650W
<b>Rated output voltage</b>	70V/100V/4-16 ohm
<b>Input sensitivity</b>	0dBu
<b>S/N Ratio</b>	> 80dB
<b>Damping Factor</b>	200:1
<b>Input CMRR</b>	Greater than 90dB
<b>THD into 4Ω/1kHz</b>	<0.3%
<b>Frequency response</b>	50Hz ~15kHz (±3dB)
<b>Slew Rate</b>	>15V/microsecond
<b>Power Consumption</b>	700W
<b>Power requirement</b>	AC220~240V / 50~60Hz
<b>Unit Size (mm)</b>	(L×W×H) 483×380×88
<b>Net weight</b>	39Kg

## Front Panel



1. **AC power switch**(1 is power on and the “power LED” is on)
2. **Power LED indicator**
3. **CLIP LED indicator** (Please reduce the gain to prevent Severely clipped waveforms reaching the loudspeakers)
4. **SIGNAL LED Indicator** (output level)
5. **PROT LED indicator** (DC or output circuit shorted indicator)
6. **TEMP LED indicator** (high temperature indicator)
7. **Unit's fan exhaust window**
8. **Volume** (input attenuator)

## Rear Panel and Connection



1. fan intake window
2. **COM. Output**
3. **P1 output** (4-16 ohm)
4. **70V output**
5. **100V output**
6. **220V AC fuse**
7. **XLR input**
8. **6.35 mm socket input**
9. **6.35mm socket link**
10. **XLR link**
11. **220V AC power cord**