# MP3500    1500W 70V-100V Power Amplifier

## *F*eatures

➢ Rack mount amplifier in 3U height

➢ 70V, 100V and 4-16 ohm speaker outputs

➢ Isolated transformer for human safety operation

➢ Rated power 1500W, 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 that ensures working effectively

## *Description*

This amplifier is designed for commercial and industrial public address applications. Rack mount design in 3U type and rated power is 1500W.

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.
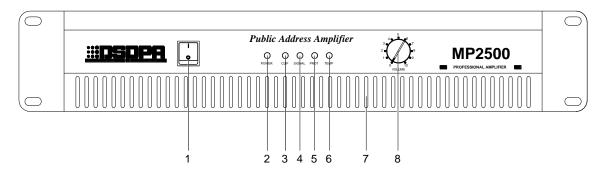
## *S*pecification

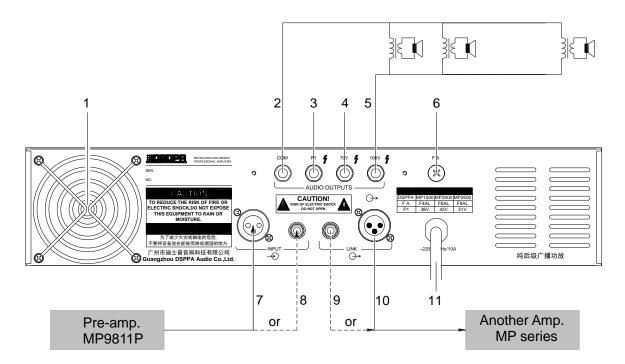| Model | MP3500 |
|---|---|
| **Rated power** | 1500W |
| **Rated output voltage** | 70V/100V/4-16 ohm |
| **Input sensitivity** | 0dBv |
| **S/N Ratio** | > 85dB |
| **Damping Factor** | 200:1 |
| **Input CMRR** | Greater than 90dB |
| **THD into 4Ω/1kHz** | <0.3% |
| **Frequency response** | 80Hz ~15kHz (±3dB) |
| **Distortion** | <0.5%(1kHz，1/3rated power) |
| **Indicators** | "POWER"，"CLIP"，"SIGNAL"，"PORT" "TEMP" |
| **Power requirement** | AC220~240V / 50~60Hz |
| **Unit Size (mm)** | (L×W×H) 484×480x132 |
| **Net weight** | 33.8 Kg |

# *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