



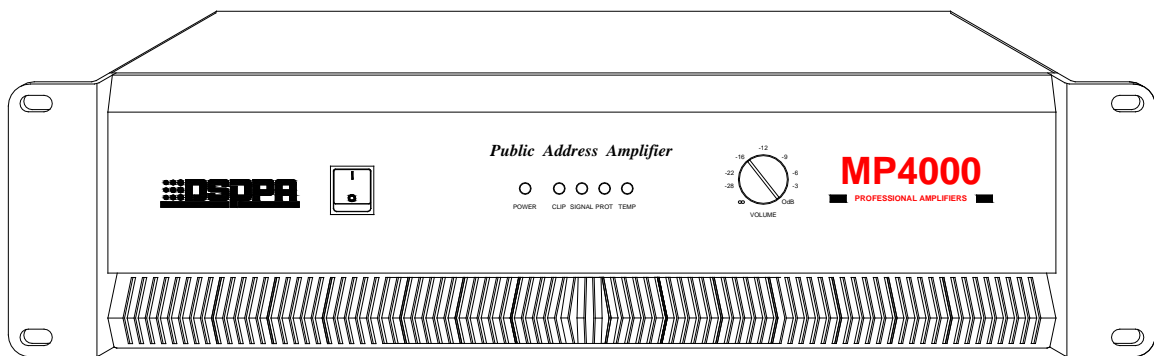
P.A. SERIES

Very Powerful Public Address Amplifiers

MP3000

MP3500

MP4000



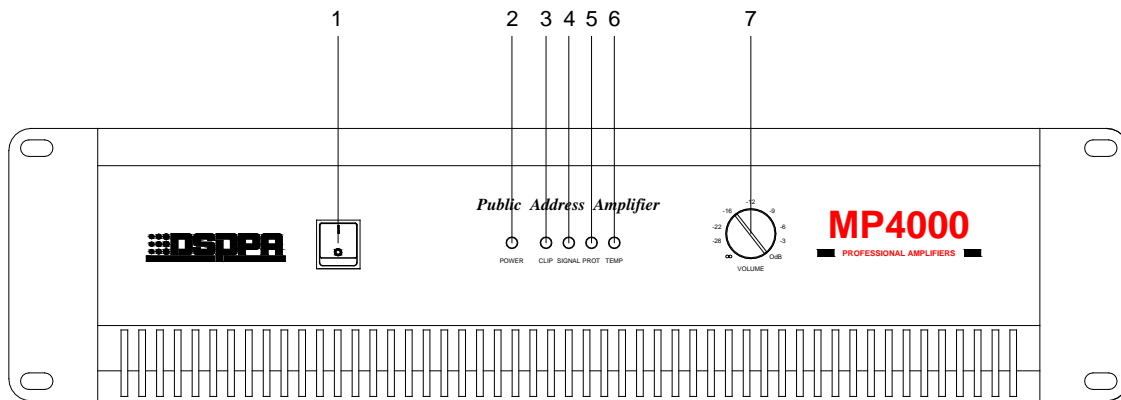
OWNER'S MANUAL

Before operating, please read this manual completely.

FEATURES

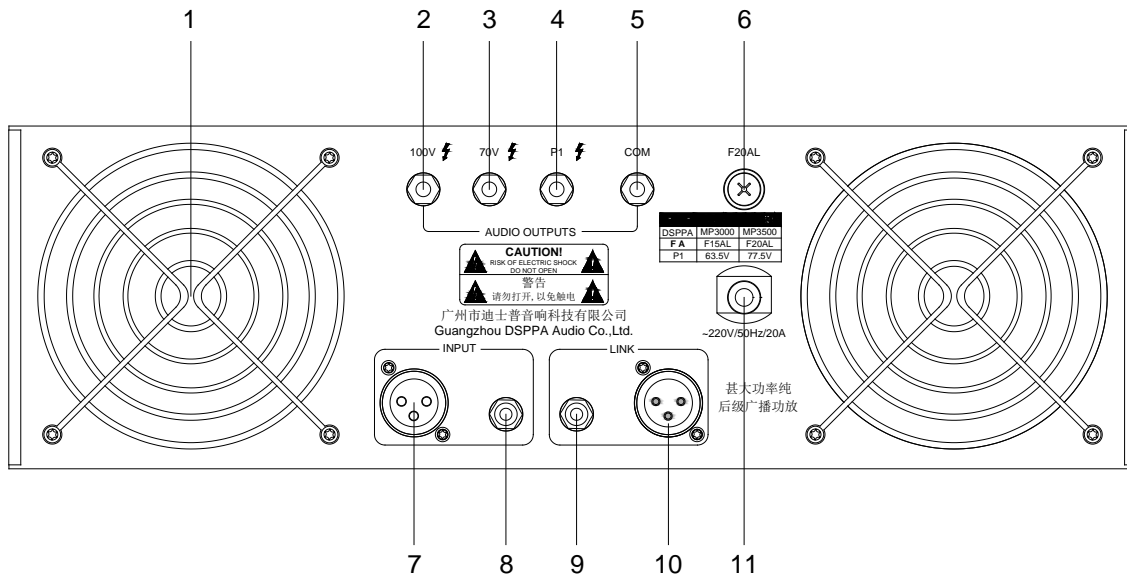
- Transformer isolated 100V (MP4000:200V), 70V (MP4000:100V) and P1 outputs.
- 5-element indicator for status display.
- XLR socket and 6.35mm jack for link convenient.
- Output sort-circuit protection & display.
- Various models of very powerful output available.

AMPLIFIER FRONT VIEW



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)

AMPLIFIER REAR VIEW AND CONNECTIONS



1. fan intake window
2. 100V output (MP4000:200V)
3. 70V output (MP4000:100V)
4. P1 output (MP4000:89.5V)
5. COM. output
6. 220V AC fuse
7. XLR input
8. 6.35mm socket input
9. 6.35mm socket link
10. XLR link
11. AC power cord

Note:

Never connect the “hot” terminals together.

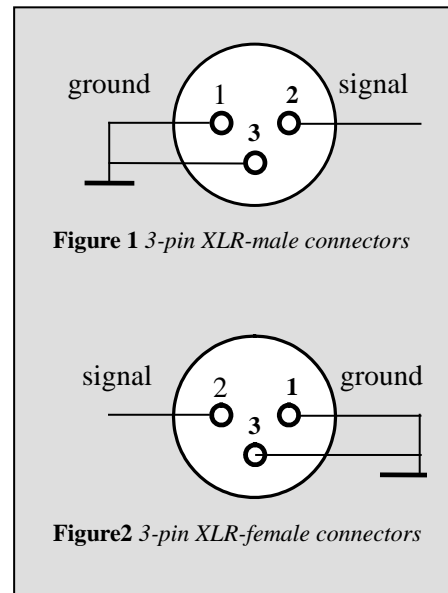
When connecting load (speakers), it is better to use one pair of output terminals only.

OPERATING PRECAUTIONS

- Make sure the AC mains voltage is correct and is the same as that printed on the rear of the amplifier.
- Damage caused by connecting the amplifier to improper AC voltage is not covered by the three-year US warranty. Make sure the power switch is off before making any input or output connections.
- It is always a good idea to have the gain controls turned down during power-up to prevent speaker damage if there is a high signal level at the inputs.

INPUT CONNECTING

Input connections are made via either the 3-pin XLR-type connectors (Figure 1) or 6.35mm sockets on the rear side of the amplifier.



OUTPUT CONNECTING

Load can be connected using banana plugs or spade lugs. A black binding post is considered “COM”, while the three red binding posts are considered “hot”.

If the PROT Led goes on steadily and the buzzer sounds while power has been turned on and signal has been fed, there must a trouble of output shorted. please turn it off and correct the trouble then turn it on again.

Specifications

Model	MP3000	MP3500	MP4000
Rated output power	1050W	1500W	2000W
Input sensitivity	≤1100mV		
Output mode	P1, 70V, 100V (MP4000: 200V)		
S/N Ratio	≥82dB		
Frequency response	80Hz-15KHz (±3dB)		
distortion	≤1% (1KHz, normal operating status)		
indicators	“POWER”, “CLIP”, “SIGNAL”, “PORT”, “TEMP”		
protection	High temperature, DC voltage, short circuit limiting		
Rated power Consumption	1800W	2600W	3500W
Power requirements	AC 220-240V/50-60Hz		
Outer Packing Size (mm)	(L×W×H) 585×545×190		
Unit Size (mm)	(L×W×H) 484×480×132		
Gross weight	33.5kg	37.3kg	39.5kg
Net weight	30kg	33.8kg	36kg

Specifications are subject to be changed without notice.

CAUTION

- When the “Power switcher” is off, please pull out the power cord from the socket. Please keep the equipment out of water.
- To reduce the risk of electric shock, do not remove the cover.
- No user parts inside. Refer servicing to qualified service personnel.
- The symbol ⚡ on rear panel indicates hazardous live. The connection of these terminals must be operated by the instructed person.
- The unit connect to the mains by the plug. Pull out the plug when the unit is in fault or danger status. So the socket for the unit plugging must be set in the place can be easy to plug into and pull out the plug.

Guangzhou DSPPA Audio Co., Ltd.



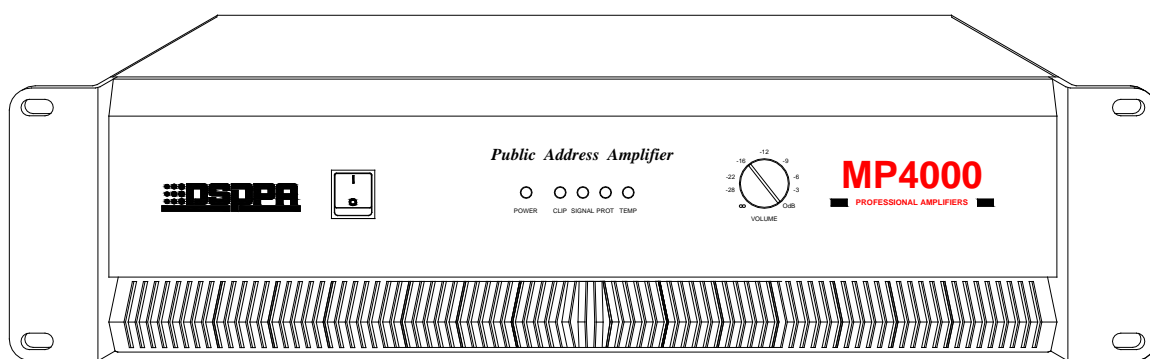
公共广播系列

纯后级广播功放

MP3000

MP3500

MP4000



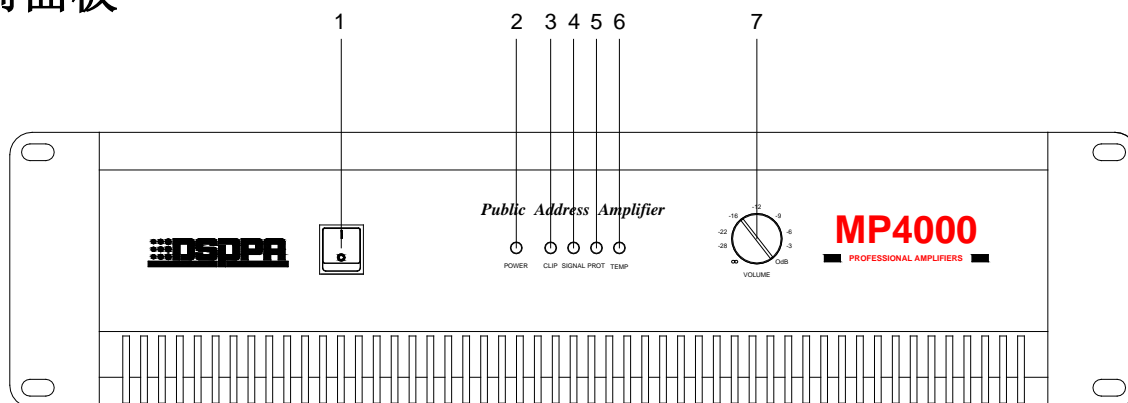
使用说明书

欢迎惠顾。您对本产品之选用显示了您的专业眼光。使用前请认真阅读本说明书。

性能特点

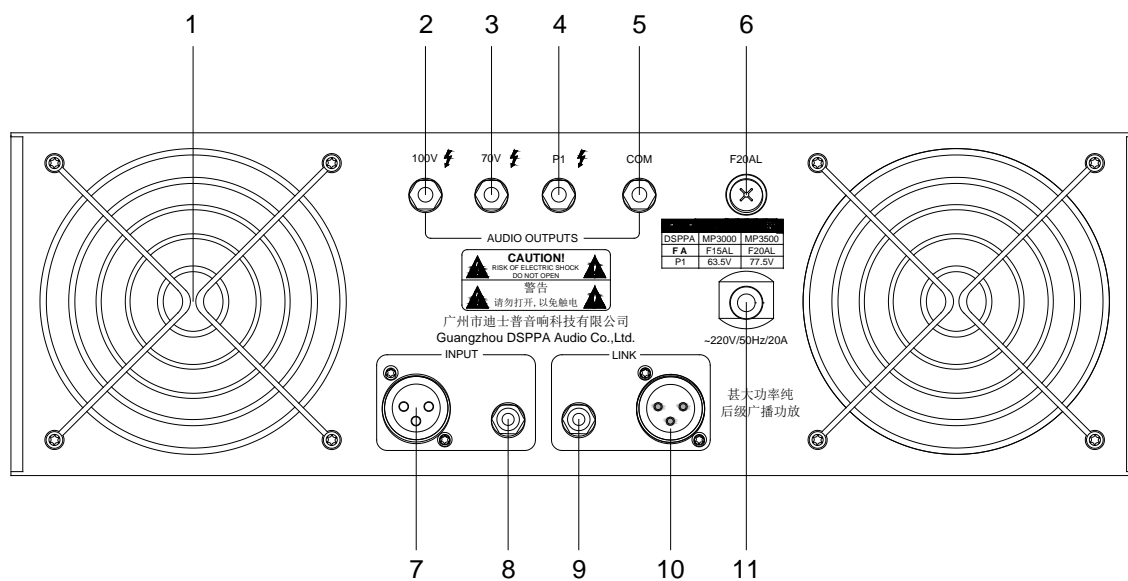
- 100V (MP4000:200V) , 70V(MP4000:100V)定压输出和 P1 输出 (不接地)。
- 5 单位 LED 显示器, 作状态显示。
- 6.35mm 插口和 XLR 插口供方便地实现环接。
- 输出短路保护并示警。
- 成系列大功率纯后级可供选择。

前面板



1. 交流电源开关(按下 1 为电源接通状态 且电源指示灯亮)
2. 电源指示灯
3. 削顶指示灯 (为避免严重削顶 请适当降低增益)
4. 信号指示灯 (输出电平)
5. 保护指示灯 (直流或短路保护)
6. 温度指示灯(超温指示)
7. 通风散热窗
8. 音量控制旋钮

后面板及连接



1. 风扇口
2. 100 伏输出 (MP4000: 200 伏)
3. 70 伏输出 (MP4000: 100 伏)
4. P1 输出 (MP4000: 89.5V)
5. 输出公共端
6. 220 伏交流保险丝
7. 卡隆输入接口
8. 6.35mm 输入接口
9. 6.35mm 环接接口
10. 卡隆环接接口
11. 220 伏交流电源线

注意:

只宜选用一对输出端子;
任何时候都不应把两个“热端”连接在一起。

操作注意事项

- 本产品为公共广播专用设备, 该产品的连接、使用以及维护等操作必须由受过专业培训的人员来完成。
- 电源电压应确实与本机相符, 由电压不符造成的损坏不在保修之列。
- 所有输入输出连接好以前, 不要通电; 通电前最好把音量调至最小以防损坏扬声器。
- 当通电并输入信号后, 如果保护指示灯点亮, 即说明有输出短路故障. 应立即切断电源, 排除故障后再重新加电。

输入之连接

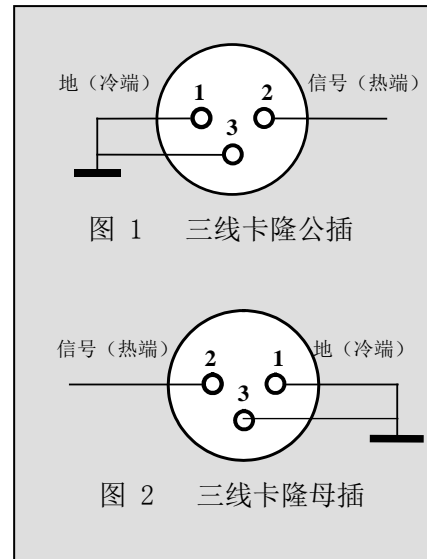
所有输入均应连接于机器后面板之卡隆插口
(图 1) 或 6.35mm 插口。

输出之连接

输出端子在后面板, 可用香蕉插或铲形插连接。黑色乃公共端, 红色乃热端。

通常应使用“定压”端子输出, 连接的扬声器应带线间变压器, 扬声器的总功率应小于功放的额定输出功率。

扬声器在近距离配置时也可用 P1 端子输出, 此时连接的扬声器总阻抗应不小于 4 欧。



装箱清单

序号	清单	数量
1	纯后级广播功放	1 台
2	保修卡	1 份
3	合格证	1 份
4	说明书	1 份
5	包机垫圈	4 个
6	白色 5×19 半沉头十字机丝	4 个
7	6.35 转莲花插头	1 个
8	1500MM/6.3 对莲花头	1 个
9	保险盒	1 个
10	亮黑 3×8 半圆头十字带介机丝	2 个
11	16A 转换座	1 个

性能规格

规格	MP3000	MP3500	MP4000
额定输出功率	1050W	1500W	2000W
最小源电动势	≤1100mV		
额定输出电压	P1, 70V, 100V (MP4000:200V)		
信噪比	≥82dB		
频率响应	80Hz-15KHz (±3dB)		
总谐波失真	≤1% (1KHz, 正常工作条件)		
指示灯	“电源”, “削顶”, “信号”, “保护” 和 “超温”		
保护功能	高温, 直流, 短路		
额定功耗	1800W	2600W	3500W
额定电源电压	AC 220-240V/50-60Hz		
外包装尺寸 (mm)	(L×W×H) 585×545×190mm		
机器尺寸 (mm)	(L×W×H) 484×480×132mm		
毛重	33.5kg	37.3kg	39.5kg
净重	30kg	33.8kg	36kg

规格如有改变, 恕不另行通知

注 意

- 本设备的电源开关在“断”状态时, 机器并未与电网电源完全断开, 为安全起见, 在不使用本设备时, 请将电源线插头拔出插座。
- 本设备不能遭受水滴或水溅且不能将装满水的花瓶之类的物品放置在设备上。
- 请勿随意打开机器盖板, 以防触电。必要时须由有专业证书之专业人员进行修理。
- 设备中标有 ⚡ 符号的端子表示危险带电, 连接这些端子的操作需由经过指导的人员来完成。
- 本设备是通过电源线插头和电网电源连接, 当设备发生故障或危险时, 拔出电源线插头即可断开设备与电网的连接, 故要求将电源插座置于可方便进行电源线拔插操作的地方。

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