



PA SERIES

Mixing Amplifier MP-220P11



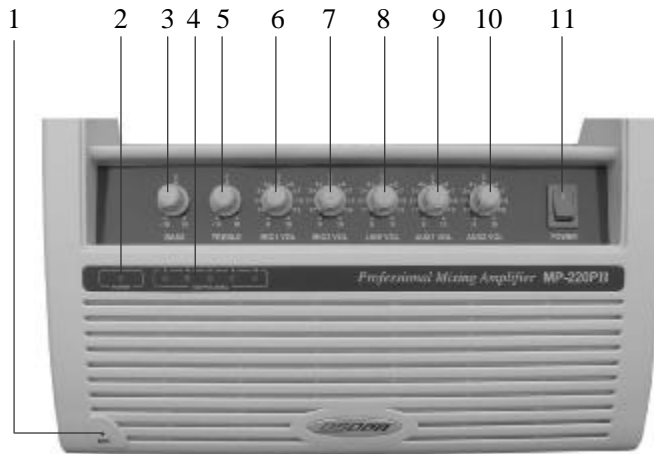
OWNER'S MANUAL

Before operating, please read this manual carefully.

FEATURES

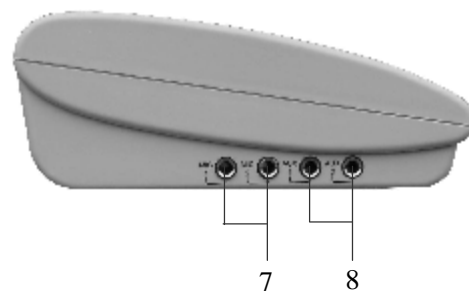
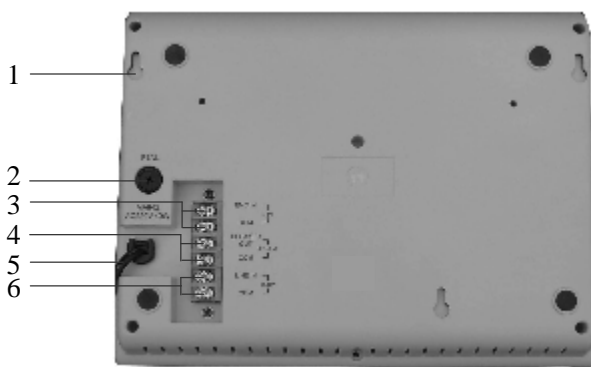
- | Small-sized amplifier with built-in MIC, suitable for broadcasting on the sites such as classroom, meeting room, and hall.
- | Flush-mount wall installation.
- | Priority input function, switching on the closed amplifier when emergency power signal input.
- | 2 MIC inputs, 2 AUX inputs.
- | 100V priority signal input.
- | Individual volume control for input channels.
- | Treble and Bass control.
- | Overheating and short circuit protection.

FRONT PANEL (view without turnover cover)



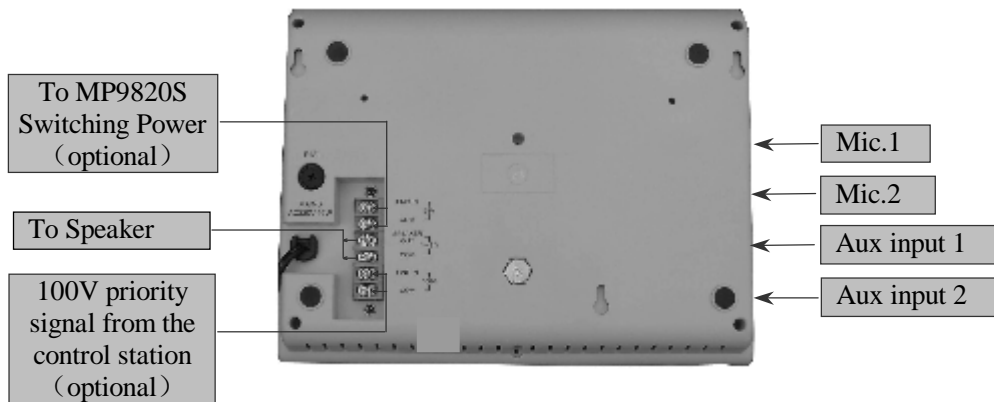
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|--------------------------|----|------------------------------|
| 1. Spare MIC | 18 | 7. MIC 2 Volume Control |
| 2. Power Indicator | 19 | 8. Line Input Volume Control |
| 3. Bass Control Button | 20 | 9. AUX.1 Volume Control |
| 4. LED Meter | 21 | 10. AUX.2 Volume Control |
| 5. Treble Control Button | 22 | 11. Power Switch |
| 6. MIC 1 Volume Control | | |

REAR and SIDE PANEL



- | | | |
|--------------------------|-------------------------|------------------------------------|
| 1. Nail Hole for Hanging | 2. Fuse | 3. 24V Priority Input Terminal |
| 4. Output Terminal | 5. AC220V Power Line. | 6. 100V Priority Signal Input Jack |
| 7. MIC 1 & 2 Input Jack | 8. Aux.1 & 2 Input Jack | |

CONNECTIONS



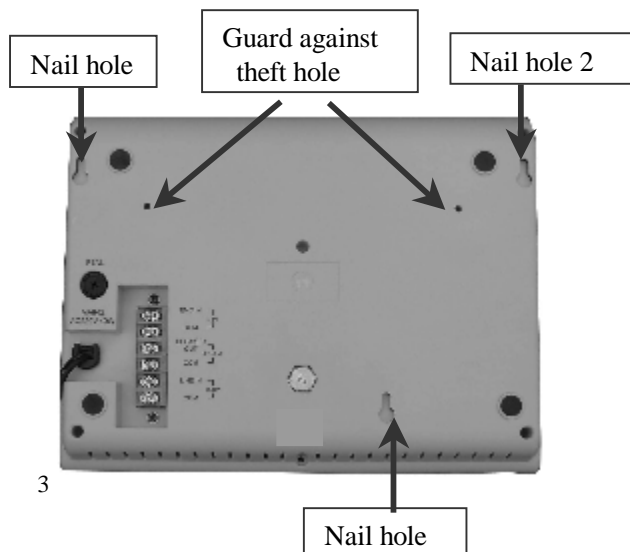
Notice: All COM terminals are ground; the polarities of them can't be connected by contraries while connection.

OPERATION AND NOTICE

- Connecting with MP9820 Switching Power, this amplifier on off status can be switched on when DC24V Priority Power input. It can accept the 100V Priority Audio signal from the Control Station, which overrides the MIC and AUX input signal. The effect of this muting function will be decided by the 100V signal's intensity, not by its volume.
- The Spare MIC on front panel is the standby MIC of MIC 1. Its volume can be adjusted by the volume control of MIC 1.
- The turnover cover can be opened by an accessory key. 1~2 microphone can be put inside.
- The total load power should be less than the rated power of this amplifier for its protection and safety.
- All the wire should be in good condition.
- Don't put this unit in the wet, unventilated, overheating environment or at the place near to the heat source.

STEPS of WALL HANGING

- Stick two nails on the wall.
(Their positions should refer to the two nail hole of the amplifier.)
- Connect all wires with the amplifier, then hang it on the nails.



SPECIFICATIONS

Rated output	20W (4Ω load)
Output Mode	4~8Ω rated output
Input Sensitivity	MIC 1, 2: ≥ 3 mV, unbalanced
	AUX1, 2: 10 kΩ, ≥ 350 mV, unbalanced
	LINE IN: ≥ 30 V,
Priority Power Source	DC 24±2V
Frequency response	LINE IN, MIC: 150 Hz ~ 15 kHz
	AUX: 20 Hz ~ 20 kHz
Distortion	< 0.5% at 1 kHz, 1 / 3 rated power
The ratio of Signal to Noise	Mic 1, 2: ≤ 5 mV
	AUX1, 2: ≤ 3 mV
Tone	BASS: ± 10 dB at 100 Hz
	TREBLE: ± 10 dB at 10 kHz
Capability of fuse	AC FUSE (F1A) ×1
Power Requirements	AC 198~242 V / 50 ~ 60 Hz
Power Consumption	40W
Dimensions	250×220×80 mm ³
Gross weight / Net weight	2kg /1.2kg

Specifications are subject to change 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.

DSPPA ACOUSTIC TECHNOLOGY CO. LTD.