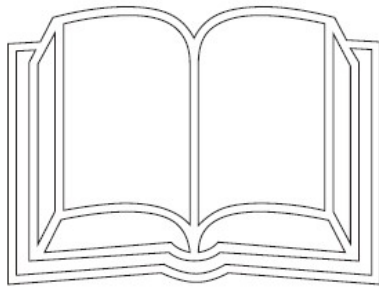


Operation Manual

PROFESSIONAL DIGITAL MIXING AMPLIFIER



MA-2500DS



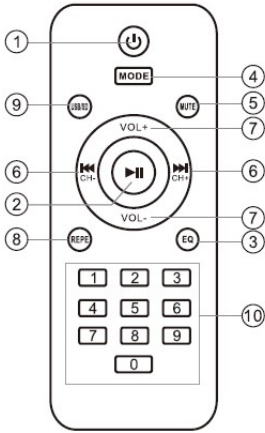
Operation Manual



Thank you very much for purchasing our digital karaoke mixing amplifier. Please read this manual before using.

www.martinroland.com

REMOTE CONTROL INSTRUCTION



1. **POWER**: Press it to turn on the unit, press it again to turn off.

2. **PLAY/PAUSE**: Press to play, press again to pause.

3. **EQ**: Sound field effect button.

4. **MODE**: Work mode select USB/SD/DVD/AUX.

5. **MUTE**: Press it to mute down sound.

6. **⏮/⏭**: Press **⏭** to skip next track. Press **⏮** to skip prev. track.

7. **VOL+/VOL-**: Press it to adjust volume level.

8. **REPEAT**: Switch the repeat mode.

9. **SD/USB**: Press it to turn SD card and USB

10. **0-9**: Numeric buttons

SPECIFICATION

- Output Power(4Ω) 750W + 750W
- Output Power(8Ω) 500W + 500W
- Mic Input Sensitivity..... 10mv
- External Devices Sensitivity 200mv
- Signal/Noise Ratio (with IHFA Filter) ≥80dB
- T.H.D (1KHz/10W) ≤ 0.1%
- Frequency Band 25Hz ~ 20KHz
- Mic Tone Adjustment : LOW 80Hz ± 15dB
- Mic Tone Adjustment : MID..... 3.5kHz ± 12dB
- Mic Tone Adjustment : HI 12KHz ± 15dB
- Echo Tone Adjustment : LOW 80Hz ± 15dB
- Echo Tone Adjustment : HI 12KHz ± 15dB
- Music Tone Adjustment : LOW 100Hz ± 15dB
- Music Tone Adjustment : MID 1KHz ± 12dB
- Music Tone Adjustment : HI 10KHz ± 15dB
- Power Source AC110V 60Hz

INTRODUCTION

Thank you for purchasing the power amplifier, To take full advantage of the amplifier functions, and to enjoy long and trouble-free use, please read this user's manual carefully.

⚠ IMPORTANT SAFETY INSTRUCTIONS



1. Make sure that line voltage in AC 110V 60Hz
If you are not sure, Kindly consult your appliance dealer or local power service company



2. Please put the unit in a ventilated place. Do not operate in a sealed Box.



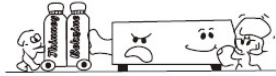
3. Protect voltage line
Avoid high pressure and stamp on, do not pull, push excessively.



4. Avoid any objects insert the unit. It may cause short circuit and unit defect



5. Avoid water, dust, and moisture. Do not put Flower vase, and other water container on the top of the unit.



6. Avoid cleaning with volatile solution
Do not spray insecticide. Do not clean with alcohol, painting, gasoline, etc.



7. Avoid covering vents
Block up the vents will make the temperature in the unit become higher and will damage the unit.

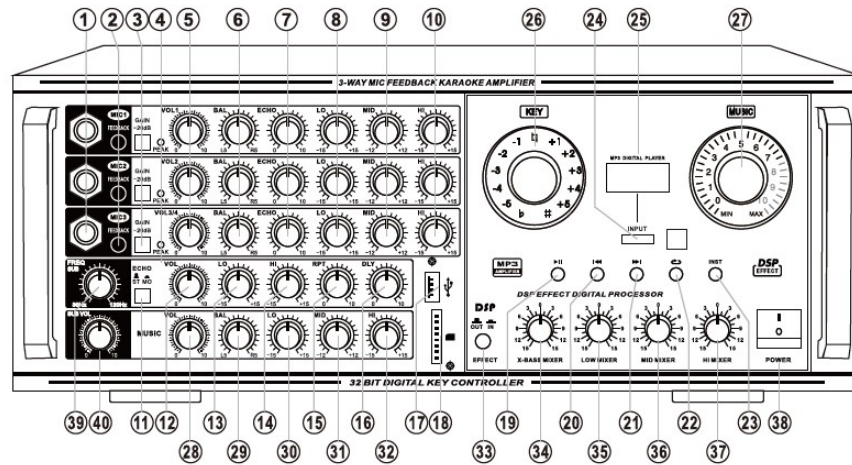


8. Avoid opening the cover. Do not open, fix, or touch the inner parts, refer to qualified service personnel for help.

FEATURES

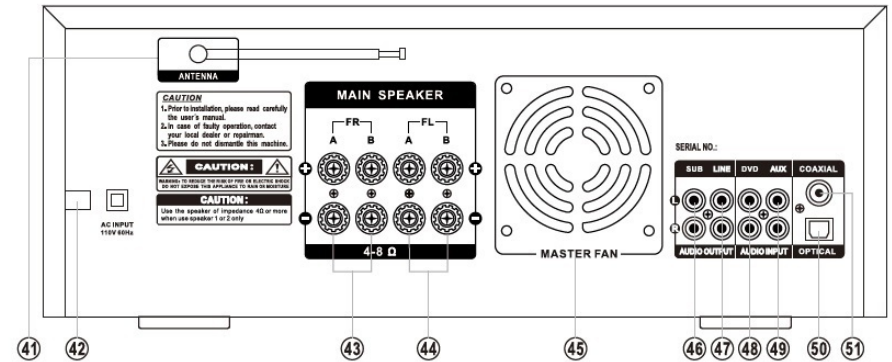
1. Support Wireless Steaming/USB/SD
2. 4 Microphone Input
3. 32 bit digital key controller
4. DSP effect digital processor
5. Mp3 player compatible with lossless format songs play

FRONT PANEL INSTRUCTION



- | | |
|--|---|
| 1. Mic 1 2 3 4 Jack | 24. MP3 Input Mode Switch |
| 2. Switch button for Mic. Feedback | 25. Display Screen |
| 3. Mic -20dB Switch | 26. To transpose the key of the played music, rotate this control. The key can be changed in halftone steps in 5 steps; either higher or lower. To reset the key to the natural key, press this control. If over 5 seconds of silence occurs, the unit assumes the played song has finished and reset the key to natural. |
| 4. Mic Overload LED | 27. Music Master Volume Adjust |
| 5. Mic 1 2 3 4 Volume Adjust | 28. Music Volume Adjust |
| 6. Mic Balance Adjust | 29. Music Balance Adjust |
| 7. Mic Echo Adjust | 30. Music Low Tone Adjust |
| 8. Mic Low Tone Adjust | 31. Music Middle Tone Adjust |
| 9. Mic Middle Tone Adjust | 32. Music High Tone Adjust |
| 10. Mic High Tone Adjust | 33. DSP Effect Switch |
| 11. Mono/stereo Switch | 34. DSP X-bass Tone Adjust |
| 12. Echo Volume Adjust | 35. DSP Low Tone Adjust |
| 13. Echo Low Tone Adjust | 36. DSP Middle Tone Adjust |
| 14. Echo High Tone Adjust | 37. DSP High Tone Adjust |
| 15. Echo Repeat Adjust | 38. Power Switch |
| 16. Echo Delay Adjust | 39. Subwoofer Frequency Adjust |
| 17. SD Data Input Interface | 40. Subwoofer Volume Adjust |
| 18. USB Data Input Interface | |
| 19. MP3 Play/pause Switch | |
| 20. MP3 Prev Switch | |
| 21. MP3 Next Switch | |
| 22. Mp3 Repeat Switch | |
| 23. Instrumental without vocal or original sound | |

REAR PANEL INSTRUCTION



- | | |
|----------------------------------|---------------------------------|
| 41. ANTENNA | 46. Subwoofer Audio Output Jack |
| 42. Ac 110V Power Source Input | 47. Lien Audio Output Jack |
| 43. Right Channel Speaker Output | 48. DVD Audio input jack |
| 44. Left Channel Speaker Output | 49. AUX Audio input jack |
| 45. Fan Window | 50. Optical input port |
| | 51. Coaxial input port |

DIAGRAM OF SYSTEM CONNECTION

Use the speaker of impedance 8 ohm, when use speaker terminal a or b

