

DMA6250U DMA6350U DMA6500U DMA6650U

Digital Mixer Amplifier



Description

DMA6250U Series Digital Mixer Amplifier can be used in conjunction with the DMA20 Remote Paging Station, supporting 2-channel RJ-45 remote paging microphone. The amplifier has a screen for intuitive display, with such input sources as 4 MIC, 4 AUX, USB, FM, Bluetooth and TF. It also provides protection function when overload, clipping, short circuit and abnormal working temperature occur. It is an amplifier integrating multiple functions to meet users' demand.

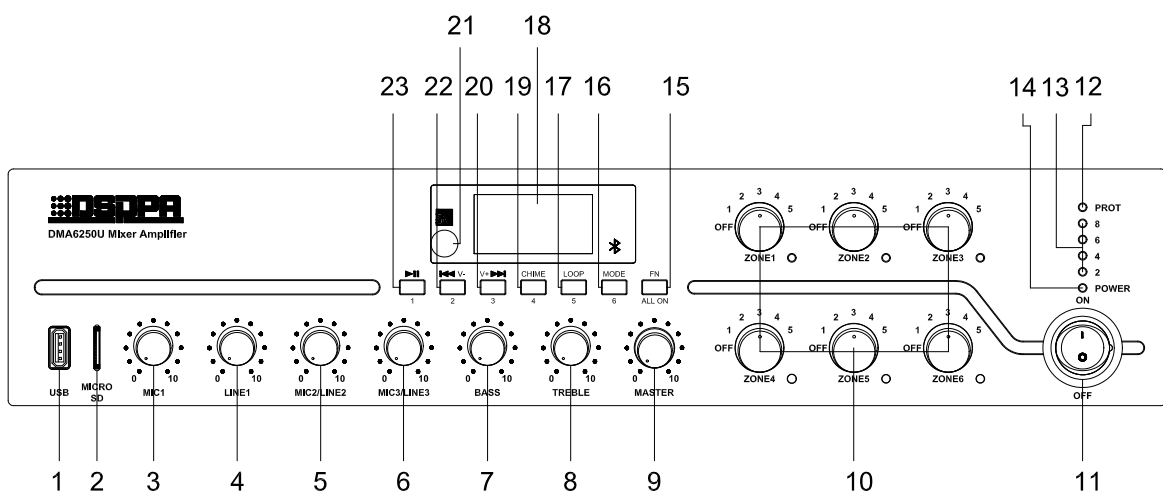
Features

- LCD lattice screen with backlight to display more information, more user-friendly;
- Five-segment level indicator;
- Built-in Bluetooth, FM, MP3 playback;
- Two-channel RJ-45 remote paging microphone interfaces with zone control and strong cut function, DC+24V power supply, 6 paging stations cascaded per channel, as far as 300m-600m transmission distance.
- With independent volume adjustment knob of six zones ;
- With strong cut and one-touch to switch functions when broadcast certain zones;
- AC and DC24V power supply can be turned off;
- 4 microphone inputs, 1 emergency signal input, 4 line inputs and 1 line output;
- 70V/100V fixed voltage output and 4-16Ω fixed-resistance output;
- With priority function, the order is MUTE>EMC IN=SIREN>MIC1>CHIME>Remote paging>LINE1=MIC2/LINE2=MIC3/LINE3=MIC4/LINE4=MP3=BT=FM (no chime output when there is an alarm sound);
- With total volume control; Zone, Siren, Chime, EMC IN, MIC and AUX volume control; treble and bass tone control;
- SIREN short-circuit trigger function, the device can be remotely controlled or controlled by other equipment, with independent alarm sound output;
- MUTE short-circuit triggered mute function, which can be controlled remotely or by other devices;

Specifications

| Model | DMA6250U | DMA6350U | DMA6500U | DMA6650U |
|--------------------------|--------------------------------------|--|----------|----------|
| Power | AC230V 50/ 60Hz | | | |
| Input Sensitivity | MIC1 | 5mV ±1mv (Balanced XLR Input) | | |
| | MIC2/MIC3/MIC4 | 5mV ±1mv (Unbalanced Phoenix Jacks) | | |
| | AUX1 | 350mV±50mv (Unbalanced RCA Input) | | |
| | AUX2 | 350mV ±50mv (Unbalanced Phoenix Jacks) | | |
| | EMC | 350mV ±50mv (Unbalanced Phoenix Jacks) | | |
| MIC Frequency Response | 120Hz ~ 12kHz (±3dB) | | | |
| AUX Frequency Response | 80Hz ~ 15kHz (±3dB) | | | |
| THD | <1% | | | |
| Treble Adjustment Range | 10dB (±2) | | | |
| BASS Adjustment Range | 10dB (±2) | | | |
| Phantom Power | +48V | | | |
| Rated Output Power | 250W | 350W | 500W | 650W |
| Output Voltage of Port | 4-16Ω,70V,100V(fixed voltage output) | | | |
| Current | 2A | 3A | 4A | |
| Protection | F3.15AL | F6.3AL | F8AL | |
| Machine Dimension(D×W×H) | 430×390×88mm | | | |
| Package Dimension: | 545×500×165mm | | | |
| Net Weight | 8.6KG | 9KG | 10.1KG | 11KG |
| Gross Weight | 9.8KG | 10.2KG | 11.3KG | 12.2KG |

Front / Rear Panel



1. USB

Insert a USB flash drive here to provide programs to the built-in MP3, whose memory is 32G;

2. SD Card

3. MIC1 Volume Adjustment Knob

Adjust the volume of the MIC1, clockwise to volume up

and counterclockwise to volume down;

4. LINE1 Volume Adjustment Knob

Adjust the volume of the LINE1, clockwise to volume up and counterclockwise to volume down;

5. MIC2/LINE2 Volume Adjustment Knob

Adjust the volume of the MIC2/LINE2, clockwise to volume up and counterclockwise to volume down;

6. MIC3/LINE3 Volume Adjustment Knob

Adjust the volume of the MIC3/LINE3, clockwise to volume up and counterclockwise to volume down;

7. Bass Volume Adjustment Knob

With the center position as the reference, clockwise to volume up and counterclockwise to volume down;

8. Treble Volume Adjustment Knob

With the center position as the reference, clockwise to volume up and counterclockwise to volume down;

9. Main Volume Adjustment Knob

Adjust the volume of all signals (except the emergency input signal on the rear panel), clockwise to volume up and counterclockwise to volume down;

10. 6-Zone Volume Adjustment Knob & Indicator

- Adjust the volume of 6 zones, clockwise to volume up and counterclockwise to volume down;
- When the zone is open, the corresponding indicator is blue;

11. Power Switch

Press down button“ON” to turn on the power, and “OFF” to turn it off;

12. Protection Indicator (DC temperature, overcurrent, or short circuit protection)

13. Level Indicator

Level display of audio output;

14 . Power Supply LED

15. FN Zone Switch

Short press to control zone 1-6 to be on or off, press it to

turn on the zones, then use the button “1”, “2”, “3”, “4”, “5”, “6” on the panel to turn on or off the corresponding zone. If you press the FN button for more than 1s, all the zones will be opened, and if you press the FN button for more than 1s again, the zones will be restored to the state before they were all opened.

16. Mode

The modes that can be switched are USB mode, AUX line mode, Bluetooth play mode and FM radio mode;

17. LOOP Volume Adjustment Button

Adjustable volume of MIC4/LINE4, EMC, Chime, and SIREN, volume 0-32 (for detailed operation, please refer to No.8 of the "Operating Instructions" item below);

18. Display screen

19. Chime button

20. Next song / (FM mode for next program)

- In USB and Bluetooth modes, press this button to the "next song";
- In FM mode, press this button to the "next program";
- In FM, AUX, USB, SD and Bluetooth modes, long press this button to turn down the volume of MP3 sources (including FM, SD, USB and Bluetooth)

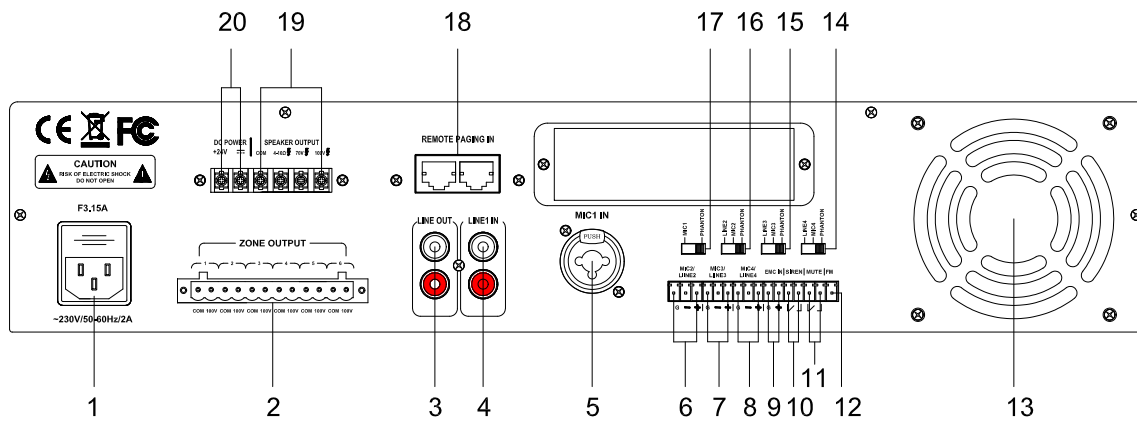
21. Infrared Remote Control Receiving

22. Previous Song / (FM mode for previous program)

- In USB and Bluetooth modes, press this button to the "Previous song";
- In FM mode, press this button to the "Previous program";
- In FM, AUX, USB, SD and Bluetooth modes, long press this button to turn up the volume of MP3 sources (including FM, SD, USB and Bluetooth)

23. Play/Pause

- In USB and Bluetooth modes, press this button to Pause;
- In FM mode, press this button to the search;



Take the rear panel of DMA6250U as an example

1. Power Input Connector AC230V

Access the power plug to this connector. When connecting, please insert the plug of this device first, and then connect to the grid.

2. 6-zone Output

3. LINE Output

4. LINE1 Input

5. MIC1 Balanced Input

6. MIC2, LINE2 Input

7. MIC3, LINE3 Input

8. MIC4, LINE4 Input

9. EMC Trigger Input

10. SIREN Short-circuit Trigger

11. Silent Short-circuit Trigger

12. FM Antenna

13. Fan Port

14. LINE4, MIC4 Phantom Voltage Switch

Toggle the switch to left and right (Note: When toggle

this switch, you need to turn down the volume of the device or turn off the power of the device first)

15. LINE3/ MIC3 Phantom Voltage Switch

Toggle the switch to left and right (Note: When toggle this switch, you need to turn down the volume of the device or turn off the power of the device first)

16. LINE2/ MIC2 Phantom Voltage Switch

Toggle the switch to left and right (Note: When toggle this switch, you need to turn down the volume of the device or turn off the power of the device first)

17. MIC1 Phantom Voltage Switch

Toggle the switch to left and right (Note: When toggle this switch, you need to turn down the volume of the device or turn off the power of the device first)

18. DMA20 Remote Paging MIC Input

19. Fixed resistance and voltage Speakers

Fixed resistance/voltage Speakers

20. DC+24V Power Input (emergency power input)