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› Depusheng M4 Professional Audio Mixer User Manual

Depusheng M4

Depusheng M4 Professional Audio Mixer User Manual

Comprehensive guide for setup, operation, and maintenance of your Depusheng M4 mixer.

PRODUCT OVERVIEW

The Depusheng M4 is a compact and versatile 4-channel audio mixer designed for various applications including live recording, DJing, studio work, and streaming. It features a built-in USB sound card, Bluetooth connectivity, MP3 playback via USB, and 48V phantom power for condenser microphones. Its intuitive design makes it suitable for both beginners and professional users.



Figure 1: Front view of the Depusheng M4 Professional Audio Mixer, showcasing its compact design and control layout.

Key features include:

- **4-Channel Mixer:** Provides two mono input channels (MIC/LINE) and one stereo input channel (3/4).
- **Bluetooth Connectivity:** Seamless wireless audio streaming from compatible devices.
- **USB Audio Interface:** Connects to MAC or PC for recording and playback, functioning as an external sound card.
- **MP3 Player:** Integrated digital audio player with USB disk function for direct playback of audio files.
- **+48V Phantom Power:** Essential for powering condenser microphones on MIC/LINE channels 1 and 2.
- **Compact and Portable:** Mini body design with full functionality, easy to transport and set up.

SETUP GUIDE

Follow these steps to set up your Depusheng M4 mixer for optimal performance.

1. Unboxing and Package Contents

Carefully remove all components from the packaging. Ensure the following items are present:

- Depusheng M4 Audio Mixer
- Power Adapter (Corded Electric)
- USB Cable
- User Manual (this document)



Figure 2: The Depusheng M4 mixer shown with its power adapter and USB cable, illustrating the essential components for initial setup.

2. Power Connection

Connect the provided power adapter to the DC IN port on the mixer and then plug it into a standard electrical outlet (220 Volts AC). The POWER indicator light will illuminate.

3. Connecting Microphones and Instruments

The M4 mixer features two MIC/LINE input channels (1 and 2) with XLR/TRS combo jacks and one stereo LINE input channel (3/4) with RCA jacks.

- For microphones or line-level instruments (e.g., guitars with preamps), connect to MIC/LINE 1 or 2.
- For stereo line-level devices (e.g., keyboards, media players), connect to 3/4 L/R RCA inputs.
- If using a condenser microphone, ensure the +48V PHANTOM power button is pressed (refer to Operating Instructions for details).



Figure 3: The Depusheng M4 mixer illustrating connections to various audio devices such as headphones, microphones, speakers, and a laptop.

4. Connecting to a Computer (USB Audio Interface)

The M4 can function as a USB sound card for your computer (MAC or PC).

1. Connect the mixer to your computer using the provided USB cable.
2. The computer should automatically recognize the mixer as an audio device.
3. Select the "Depusheng M4" as your input and output audio device in your computer's sound settings or recording software.

Computer Live Recording Mixer



Figure 4: The Depusheng M4 mixer connected to a laptop, demonstrating its use as a computer live recording mixer.

Connect the computer to act as a sound card



Figure 5: The Depusheng M4 mixer connected to both a laptop and a smartphone, illustrating its function as a sound card for computer and mobile devices.

5. Bluetooth Pairing

To stream audio wirelessly to the mixer:

1. Press the MODE button on the mixer's digital audio player section until "BLUE" or a Bluetooth icon appears on the display.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "Depusheng M4" (or similar name) from the list to pair.
4. Once paired, you can stream audio from your device to the mixer.

Wireless Bluetooth fast connection

Support electronic products with Bluetooth function, press the MODE button to switch to Bluetooth mode, allowing you to enjoy the pleasure of wireless music



 **Bluetooth®**



Figure 6: The Depusheng M4 mixer demonstrating wireless Bluetooth connection with a smartphone, enabling audio streaming.

6. Connecting Headphones

Connect your headphones to the 3.5mm PHONES output jack on the mixer. Adjust the PHONES knob to control the headphone volume.



Figure 7: A close-up view of the 3.5mm headphone jack on the Depusheng M4 mixer, indicating where to connect headphones for monitoring.

7. Connecting USB Flash Drive

Insert a USB flash drive into the USB port on the mixer's digital audio player section for MP3 playback or recording.

Plug and play, easy to sing

You can play or record songs by inserting a USB flash drive. Just put the audio files into the USB flash drive. The mixer is equipped with a USB interface, which is compatible with most USB flash drives for insomnia.



Figure 8: The Depusheng M4 mixer with a USB flash drive inserted into its USB port, ready for audio playback or recording.

OPERATING INSTRUCTIONS

This section details the functions of the various controls on your Depusheng M4 mixer.

1. Channel Controls (1, 2, 3/4)

- **GAIN Knob:** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (indicated by the PEAK LED).
- **HIGH/MID/LOW Knobs (EQ):** Control the treble, midrange, and bass frequencies for each channel. Use these to shape the tone of your audio.
- **FX Knob:** Controls the amount of effect send for each channel (if an external effect processor is connected to the FX SEND/RETURN).

- **LEVEL Fader:** Adjusts the output volume of each channel to the main mix.

2. Main Output Control

- **MAIN LEVEL Fader:** Controls the overall output volume of the stereo main mix (MAIN OUT L/R).
- **MAIN OUT L/R:** RCA outputs for connecting to amplifiers, powered speakers, or recording devices.

3. Headphone Monitoring

- **PHONES Knob:** Adjusts the volume of the headphone output.
- **2-TK TO PHONES Button:** Routes the 2-Track input (RCA) to the headphones for monitoring.
- **2-TK TO MIX Button:** Routes the 2-Track input (RCA) to the main mix.

4. Digital Audio Player (USB/Bluetooth/MP3)

- **MODE Button:** Toggles between USB (MP3 playback), Bluetooth, and PC (USB audio interface) modes.
- **Play/Pause, Previous, Next Buttons:** Standard controls for media playback.
- **USB LEVEL Knob:** Controls the volume of the digital audio player's output to the main mix.
- **REC Button:** Initiates recording to a connected USB flash drive (if supported by the specific firmware version).

5. +48V Phantom Power

The +48V PHANTOM button provides power to condenser microphones connected to MIC/LINE inputs 1 and 2. Only activate this when using condenser microphones. Ensure microphones are connected before activating phantom power to prevent damage.

6. Recording to PC

When connected to a PC via USB, the mixer acts as an audio input device. You can record the main mix output directly to your computer using any compatible digital audio workstation (DAW) software or recording application. Ensure the mixer is selected as the input device in your software settings.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Depusheng M4 mixer.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the mixer. For stubborn dirt, a slightly damp cloth can be used, but ensure no liquid enters the unit. Avoid abrasive cleaners or solvents.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for extended periods, disconnect all cables and place it in its original packaging or a protective case.
- **Ventilation:** Ensure the mixer has adequate ventilation during operation to prevent overheating. Do not block ventilation openings.
- **Cable Management:** Avoid bending or kinking cables excessively. Use proper cable management to prevent strain on connectors.

TROUBLESHOOTING

If you encounter issues with your Depusheng M4 mixer, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound output from main speakers/headphones.	Power not connected or turned on. Main LEVEL fader is down. Channel LEVEL faders are down. Incorrect input/output connections. Headphone volume (PHONES knob) is low.	Ensure power adapter is connected and POWER light is on. Raise the MAIN LEVEL fader. Raise the LEVEL faders for active channels. Verify all cables are correctly connected to inputs and outputs. Increase the PHONES knob volume.
Microphone not working (no sound or low volume).	GAIN knob is too low. +48V Phantom Power not activated for condenser mics. Microphone cable faulty or incorrectly connected. Microphone itself is faulty.	Increase the GAIN knob for the microphone channel. Press the +48V PHANTOM button if using a condenser microphone. Check microphone cable for damage and ensure secure connection. Test with a different microphone if possible.
Bluetooth not connecting or dropping out.	Mixer not in Bluetooth mode. Device too far from mixer. Interference from other wireless devices. Previously paired device still connected.	Press MODE button until Bluetooth mode is active. Move your device closer to the mixer. Minimize other wireless activity nearby. Disconnect from other devices or restart Bluetooth on your device.
USB flash drive not playing or recognized.	Incorrect file format on USB drive. USB drive not properly inserted. USB drive is corrupted or incompatible.	Ensure audio files are in MP3 format. Re-insert the USB drive firmly. Try a different USB drive or reformat the current one (backing up data first).

TECHNICAL SPECIFICATIONS

Below are the detailed technical specifications for the Depusheng M4 Audio Mixer.

Feature	Specification
Brand	Depusheng
Model Number	M4
Dimensions (L x W x H)	17 x 15 x 4.5 cm (6.7 x 5.9 x 1.8 inches)
Item Weight	787 g (1.74 lbs)
Number of Channels	4
Connectivity Technology	Bluetooth, USB
Power Source	Corded Electric

Feature	Specification
Voltage	220 Volts (AC)
Output Connector Type	3.5mm Jack
Audio Input	Microphone, Music
Phantom Power	+48V (on MIC/LINE 1 & 2)
USB Audio Interface	Yes (for MAC/PC connection)
Digital Audio Player	MP3 playback from USB flash drive

WARRANTY AND SUPPORT

Information regarding product warranty and customer support details is not provided in the available product data. Please refer to the product packaging or the seller's website for specific warranty terms and contact information for support inquiries.