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› Depusheng DX8 Professional Mixer User Manual

Depusheng DX8- 8 Channels

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Model: DX8- 8 Channels

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1. INTRODUCTION

The Depusheng DX8 Professional Mixer is an 8-channel sound board console designed for professional audio mixing. It features a digital USB and MP3 input, 48V phantom power, and stereo DJ studio effects. Its ultra-thin and rugged steel chassis ensures durability and portability, making it suitable for various applications from live performances to home studio recording.

This manual provides detailed instructions for setting up, operating, and maintaining your DX8 mixer to ensure optimal performance and longevity.



Figure 1.1: Depusheng DX8 Professional Mixer

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and retain these safety and operating instructions before using your mixer. Adhere to all warnings on the product and in the operating instructions.

- **Power Source:** Connect the product to a power supply only of the type described in the operating instructions or marked on the product.
- **Grounding:** Do not defeat the grounding or polarization means of the power cord.
- **Power Cord Protection:** Route power supply cords so that they are not likely to be walked on or pinched by items placed upon or against them.
- **Cleaning:** Unplug the product from the wall outlet before cleaning. Use a damp cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.
- **Water and Moisture:** Do not use this product near water (e.g., near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool).
- **Heat:** Locate the product away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- **Ventilation:** Slots and openings in the cabinet are provided for ventilation. Do not block or cover these openings.
- **Object and Liquid Entry:** Never push objects of any kind into this product through openings as they may touch

dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

- **Servicing:** Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

⚠ **WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.**

3. KEY FEATURES

The Depusheng DX8 mixer is equipped with a comprehensive set of features for versatile audio control:

- **8-Channel Design:** Provides ample inputs for multiple microphones and line-level devices.
- **MIC + Line Inputs:** Supports both XLR and unbalanced 1/4" plug connections for microphones and instruments.
- **+48V Phantom Power:** Essential for condenser microphones, available on all microphone inputs.
- **3-Band EQ:** Ultra-musical 3-band equalization (High, Mid, Low) on all channels for precise tone shaping.
- **Gain Adjustment:** Individual gain control knobs for each channel to optimize input levels.
- **FX Send:** Dedicated FX send controls for applying external effects or internal DSP effects.
- **Pan Adjustment:** Pan controls for positioning each channel's signal within the stereo field.
- **Peak Signal Indicator:** LED indicators on each channel to warn of signal clipping.
- **Volume Faders:** Smooth, accurate volume faders for precise level control.
- **PFL/AFL Monitoring:** Pre-Fader Listen (PFL) and After-Fader Listen (AFL) buttons for monitoring individual channels or groups.
- **USB/MP3 Player:** Built-in MP3 player with USB/Flash Reader input for direct audio playback and recording.
- **Bluetooth Connectivity:** Seamless wireless audio streaming from smartphones, tablets, and other Bluetooth-enabled devices.
- **10-Segment Stereo Output Level METER:** Highly accurate LED meter for monitoring main output levels.
- **Headphone Output:** Dedicated headphone jack with level control for personal monitoring.
- **Main Outputs:** Balanced XLR and unbalanced 1/4" main outputs for connecting to power amplifiers or recording devices.
- **Aux Send/Return:** Auxiliary send and return jacks for connecting external effects processors.
- **Tape Input/Output:** RCA inputs and outputs for connecting tape decks or other stereo playback/recording devices.
- **Control Room Output:** Dedicated outputs for connecting control room monitors.
- **Ultra-thin and Rugged Chassis:** Durable steel construction with sealed rotary controls for dust resistance.

Professional eight-way mixer

- 1 . Built-in wireless Bluetooth
- 2 . Built-in DSP reverb effect
- 3 . Support USB playback function
- 4 . 48V phantom power supply
- 5 . Configuring the LED display



Figure 3.1: Key Features Overview

4. SETUP GUIDE

Follow these steps to set up your Depusheng DX8 mixer:

1. **Unpacking:** Carefully remove the mixer and all accessories from the packaging. Inspect for any signs of damage.
2. **Power Connection:** Connect the included power adapter to the "AC INPUT" jack on the rear panel of the mixer. Plug the other end into a suitable power outlet. Ensure the power switch is in the OFF position before connecting.

USB Interface

MP3 Flash Drive Reader/Computer Connection

Connect & Stream Audio from External Devices



Figure 4.1: USB Interface and Power Switch

3. **Initial Power On:** Flip the power switch to the ON position. The mixer's display and LEDs should illuminate.

4. **Connecting Microphones:**

- For XLR microphones (dynamic or condenser), connect them to the "MIC" inputs using XLR cables.
- For condenser microphones requiring phantom power, press the "+48V" button. Ensure all connections are made before activating phantom power to prevent damage to non-phantom powered devices.

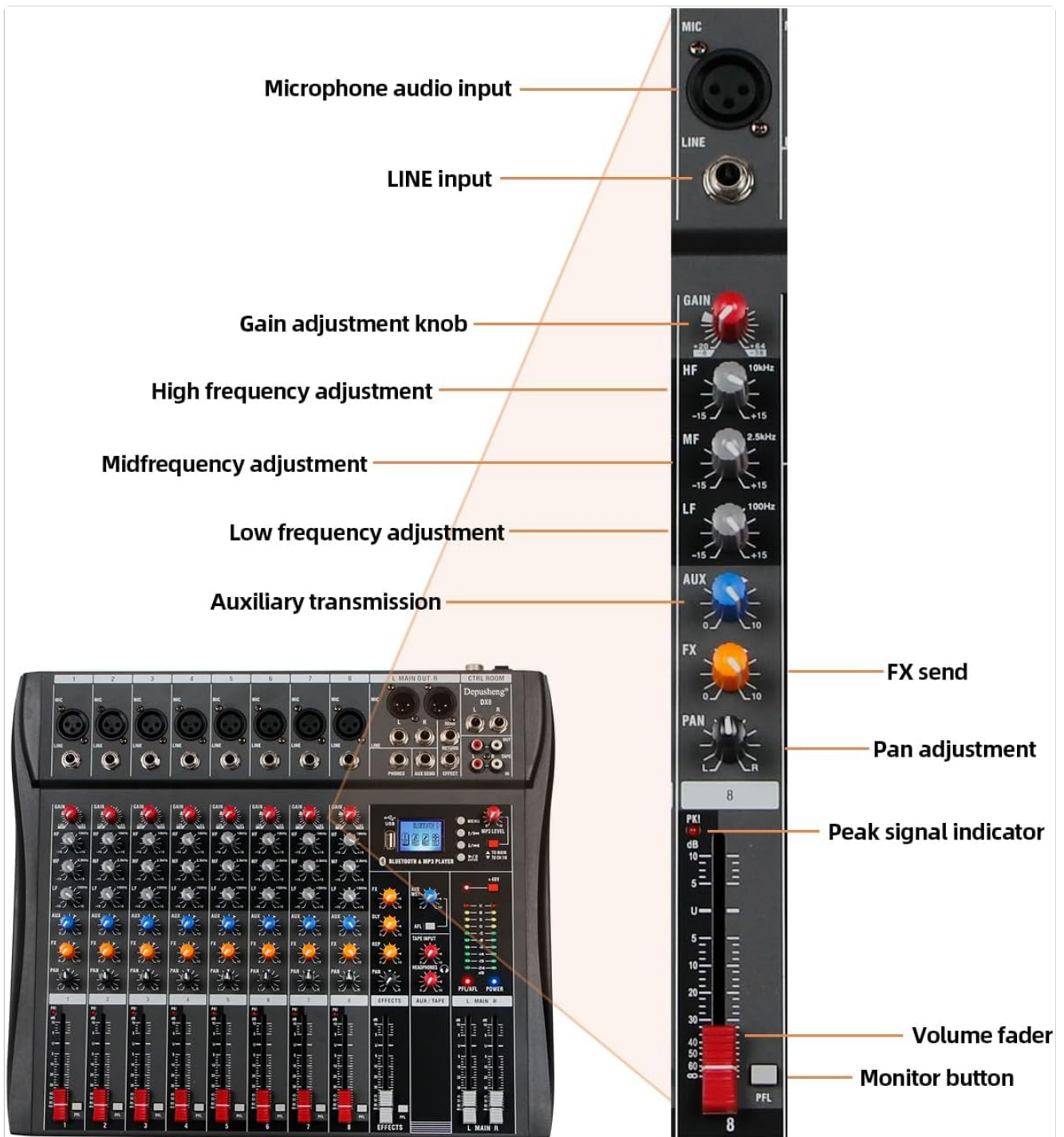


Figure 4.2: Microphone and Line Inputs

5. **Connecting Line-Level Devices:** Connect instruments (keyboards, guitars with preamps), media players, or other line-level devices to the "LINE" inputs using 1/4" TS/TRS cables.
6. **Connecting Main Outputs:** Connect the "L MAIN OUT R" XLR or 1/4" jacks to your power amplifier, powered speakers, or recording interface.

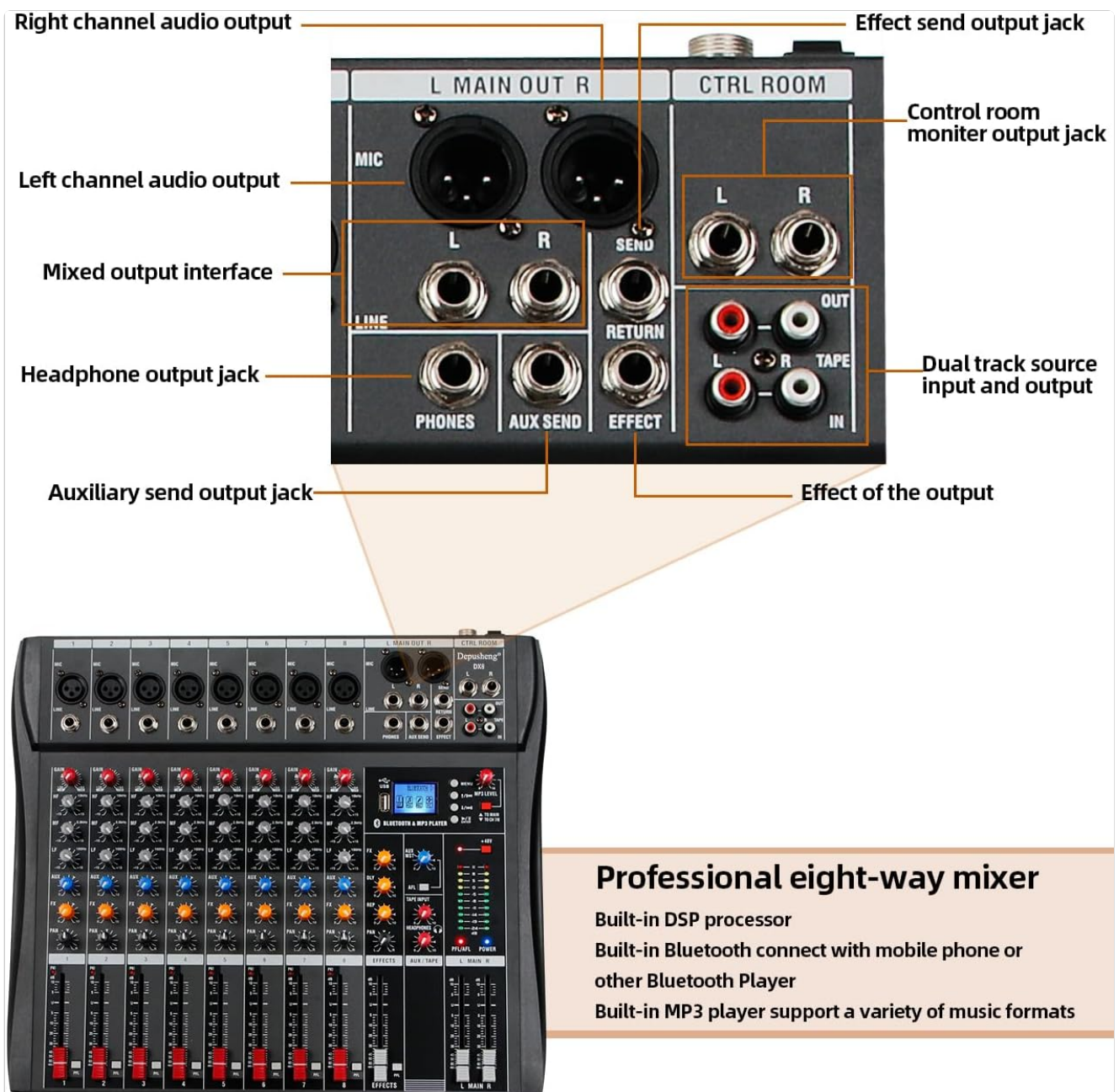


Figure 4.3: Main Outputs and Control Room Outputs

7. **Connecting Headphones:** Plug your headphones into the "PHONES" jack for monitoring.
8. **USB/MP3 Player Setup:** Insert a USB flash drive into the USB port for MP3 playback or recording. The display will show "NO DEVICE" if no drive is detected.
9. **Bluetooth Setup:** Activate Bluetooth on your mobile device and search for "BT-Speaker" or similar. Pair with the mixer to stream audio wirelessly.

5. OPERATING INSTRUCTIONS

This section details the operation of the Depusheng DX8 mixer's various controls and functions.

5.1 Channel Controls

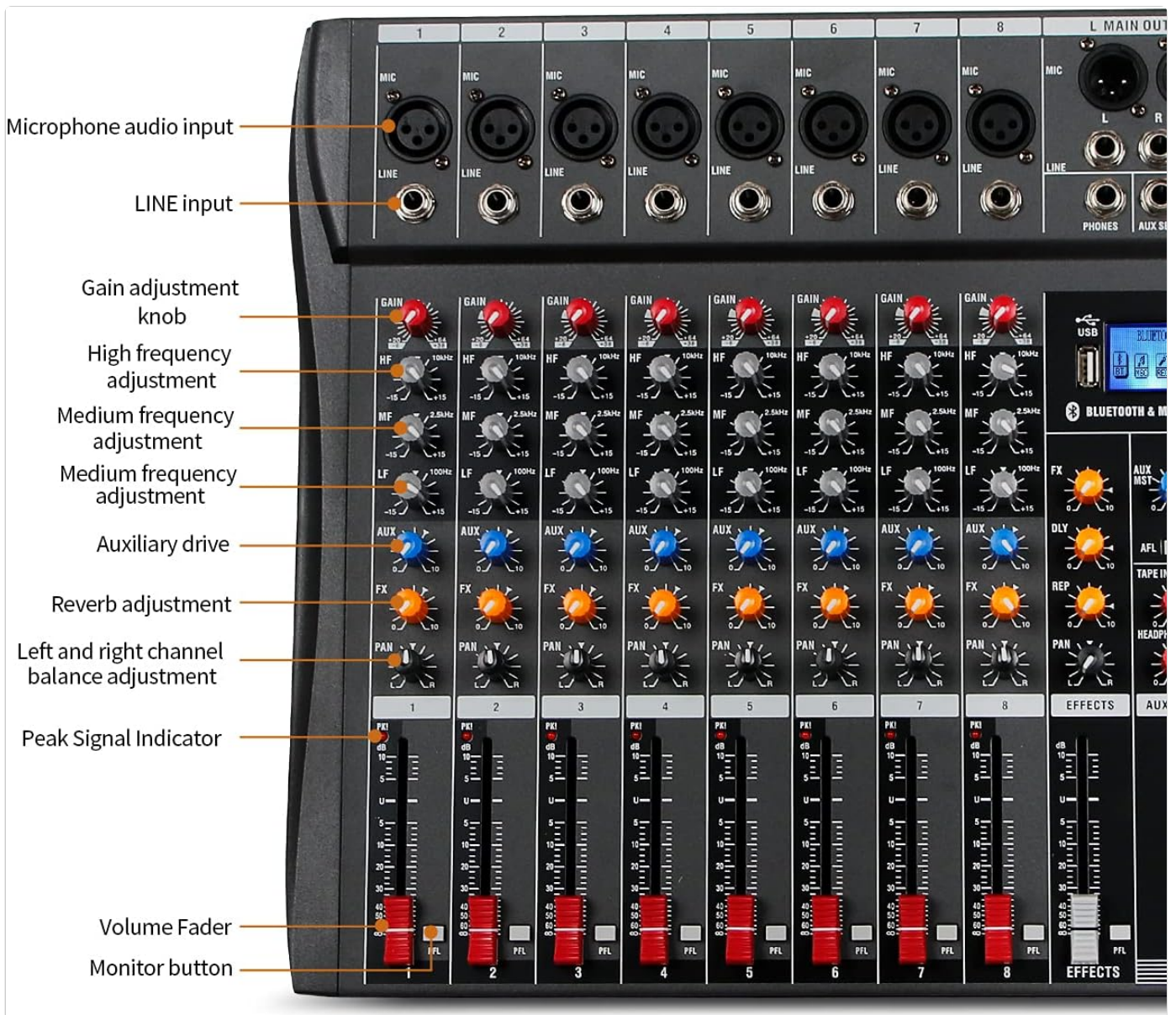


Figure 5.1: Channel Controls Layout

- **GAIN Knob:** Adjusts the input sensitivity for the connected microphone or line device. Set this so the "PEAK" LED only flashes occasionally during the loudest parts of the signal.
- **3-Band EQ (HF, MF, LF):**
 - **HF (High Frequency):** Adjusts treble frequencies (e.g., 10kHz).
 - **MF (Mid Frequency):** Adjusts mid-range frequencies (e.g., 2.5kHz).
 - **LF (Low Frequency):** Adjusts bass frequencies (e.g., 100Hz).
- **AUX Knob:** Controls the amount of signal sent to the auxiliary output for external monitors or effects.
- **FX Knob:** Controls the amount of signal sent to the internal effects processor or external FX send.
- **PAN Knob:** Adjusts the stereo position of the channel's signal (left to right).
- **PFL Button:** Pre-Fader Listen. Routes the channel's signal to the headphones for monitoring before the channel fader.
- **Volume Fader:** Controls the overall output level of the individual channel.

5.2 Master Section Controls

- **AUX MST Knob:** Master level control for the auxiliary send.
- **FX Level Knob:** Master level control for the internal effects return.

- **TAPE INPUT Level:** Adjusts the playback level from the TAPE IN RCA inputs.
- **HEADPHONES Level:** Controls the volume of the headphone output.
- **MAIN L/R Faders:** Master volume controls for the main stereo output.
- **PFL/AFL LED Meter:** Displays the signal level of the monitored channel (when PFL/AFL is active) or the main stereo output.

5.3 USB/MP3 Player Operation

The built-in MP3 player supports USB flash drives for playback and recording.

- **Playback:** Insert a USB flash drive. Use the MENU, Play/Pause, Previous, and Next buttons to navigate and control playback. The "MP3 LEVEL" knob controls the volume of the USB playback.

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Video 5.1: Depusheng Audio Mixer Overview (Seller-provided)

This video demonstrates the general operation of the mixer, including USB playback and recording functions.

- **Recording:** To record to a USB drive, ensure a drive is inserted. Press the "REC" button (usually indicated on the display or a dedicated button). The mixer will record the main stereo mix.

5.4 Bluetooth Audio Streaming

Wirelessly connect your smartphone or tablet to the mixer for audio playback.

- **Pairing:** Ensure Bluetooth is enabled on your device. On the mixer's MP3 player section, select Bluetooth mode (if not already active). Search for the mixer's Bluetooth name (e.g., "BT-Speaker") on your device and pair.
- **Playback:** Once paired, audio played on your mobile device will stream through the mixer. Adjust the volume using the "MP3 LEVEL" knob on the mixer and your device's volume controls.



Built-in Bluetooth Wireless Streaming Receiver Works with All of Today's Latest Devices(Smartphone,Tablet, etc.)

Figure 5.2: Bluetooth Wireless Streaming

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Video 5.2: Depusheng Professional 8 Channel 48V USB DJ Mixer (Seller-provided)

This video demonstrates the Bluetooth connectivity and various input options of the mixer.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Depusheng DX8 mixer.

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry, lint-free cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid abrasive cleaners or solvents.
- **Dust Protection:** Keep the mixer covered when not in use to prevent dust accumulation, especially around faders and knobs.
- **Connection Care:** Periodically check all input and output jacks for dust or debris. Use compressed air to clean if necessary. Ensure cables are connected securely but without excessive force.
- **Storage:** If storing the mixer for an extended period, disconnect all cables, clean it thoroughly, and store it in its original packaging or a protective case in a cool, dry place.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your DX8 mixer.

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Power outlet faulty.	Ensure power cable is securely connected; Turn power switch ON; Test power outlet with another device.
No sound output	Main faders down; Channel faders down; Incorrect output connection; Amplifier/speakers off.	Raise MAIN L/R faders; Raise individual channel faders; Check main output connections; Ensure amplifier/speakers are powered on and volume up.
No microphone input	GAIN knob too low; Microphone not connected; Phantom power off (for condenser mics); Faulty cable/microphone.	Increase GAIN; Check microphone connection; Activate +48V phantom power; Test with a different cable/microphone.
Distorted sound	GAIN too high (PEAK LED constantly on); Output level too high; Faulty cable.	Reduce GAIN until PEAK LED only flashes occasionally; Lower main output faders; Replace cable.
Bluetooth not connecting	Mixer not in Bluetooth mode; Device too far; Already paired to another device.	Ensure mixer is in Bluetooth mode; Move device closer; Disconnect from other devices and try pairing again.
USB playback issues	USB drive not formatted correctly; Unsupported file format; USB drive faulty.	Ensure USB drive is FAT32 formatted; Use MP3 files; Try a different USB drive.

8. SPECIFICATIONS

Detailed technical specifications for the Depusheng DX8 Professional Mixer:

- **Model:** DX8- 8 Channels
- **Number of Channels:** 8
- **Connectivity Technology:** Bluetooth, USB
- **Power Source:** Corded Electric
- **Item Weight:** 9.18 pounds (4.17 Kilograms)
- **Product Dimensions:** 15.75 x 13.39 x 1.46 inches (39.76D x 19.96W x 0.14H inches)
- **Country of Origin:** China
- **Phantom Power:** +48V (switchable)
- **EQ:** 3-band (High, Mid, Low) per channel
- **Inputs:** XLR (MIC), 1/4" (LINE), RCA (Tape In)
- **Outputs:** XLR (Main Out), 1/4" (Main Out, Aux Send, Phones, Control Room), RCA (Tape Out)
- **USB Functionality:** MP3 Playback, Recording

9. WARRANTY & SUPPORT

Depusheng products are designed for reliability and performance. For warranty information and technical support, please refer to the warranty card included with your product or contact Depusheng customer service.

If you encounter any problems or have questions regarding your DX8 mixer, please do not hesitate to contact us. We are committed to providing excellent customer service and support.

For further assistance, you may visit the official Depusheng store on Amazon: [Depusheng Store](#)

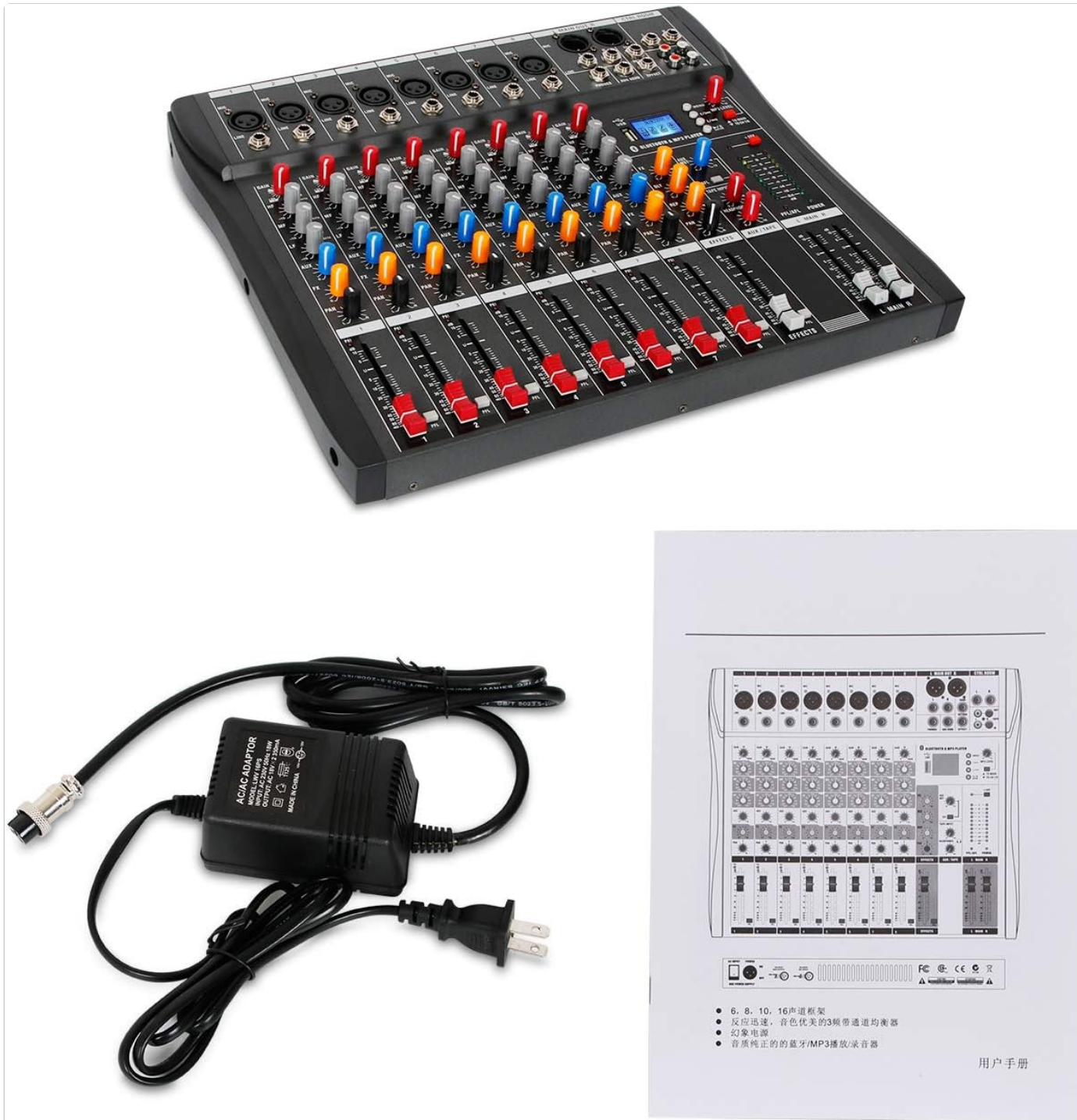


Figure 9.1: Product Packaging Contents (Mixer, Power Adapter, Manual)