

MOREFAND RE-405

MOREFAND Audio Mixer (RE-405) User Manual

Model: RE-405 | Brand: MOREFAND

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MOREFAND RE-405 4-Channel Digital USB Bluetooth Audio Mixer. This versatile mixing console is designed for various audio applications including live streaming, podcasting, and recording.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before use.
- Keep this manual for future reference.
- Do not expose this appliance to rain or moisture.
- Do not block any ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel.

PACKAGE CONTENTS

Your MOREFAND RE-405 Audio Mixer package includes:

- MOREFAND RE-405 Audio Mixer Unit
- AC Power Adapter
- USB to Type-C Data Cable
- USB Cable (59-inch)
- User Manual



Bluetooth Name: BT5.0

Bluetooth Connection

Play the backing track with Bluetooth, Sing KTV easily

Supports connection with Bluetooth devices such as Phones/Pads/Laptops ect.
Easier connections without the hassle of cumbersome cables.



When using Bluetooth, you need to press the "3/4" channel and "MP3" switch buttons to switch to the MP3 media channel. Can adjust the knobs of 3/4 channels to adjust Bluetooth accompaniment.

Image: The MOREFAND RE-405 mixer and its included accessories, such as cables and power adapter.

For a visual guide on unboxing and initial components, please refer to the demonstration video below:

Video: A demonstration of unboxing a similar 4-channel mixer, showing the packaging and included items like the mixer, power supply, and USB cable.

PRODUCT OVERVIEW

The MOREFAND RE-405 is a compact and feature-rich 4-channel mixing console designed for professional audio processing.

Key Features:

- **VERSATILE MIXER:** 4-channel mixing console with USB and Bluetooth connectivity, perfect for live streaming, podcasting, and recording with comprehensive input/output options.
- **PROFESSIONAL EFFECTS:** Built-in digital echo and delay effects processor with adjustable parameters enhances audio production quality.
- **PHANTOM POWER:** 48V phantom power support for professional condenser microphones ensures pristine audio capture and superior sound quality.

- **PRECISE CONTROL:** Individual channel EQ controls with High/Low adjustment, volume faders, and master output controls for accurate audio mixing.
- **MONITORING FEATURES:** Dedicated headphone output with volume control and LED display provides real-time level monitoring and audio preview.



Image: Front view of the MOREFAND RE-405 audio mixer, highlighting its compact design and control layout.

CONNECTIONS AND SETUP

Powering the Mixer

The mixer can be powered via the included AC power adapter or a USB power source (e.g., power bank, computer USB port).

Product Specifications:

⚠ Manual measurements may vary; refer to the actual product size for accurate dimensions.

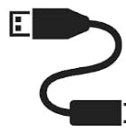


Image: Diagram illustrating various USB power supply options for the mixer, including power bank, USB power adapter, and laptop/desktop PC USB.

Input/Output Ports

The RE-405 offers a variety of input and output options for flexible connectivity:

- **XLR/TRS Combo Jacks (MIC/LINE 1-2):** For microphones and line-level instruments.
- **1/4" TRS Stereo Input (LINE 3/4):** For stereo line-level devices.
- **RCA Stereo Input/Output (REC/MAIN OUT):** For connecting to recording devices or external playback.
- **1/4" TRS Headphone Output (PHONES):** For monitoring audio.
- **USB Port:** For computer connection (recording/playback) and USB flash drive playback.



Connecting To The Computer

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Mixer can be connected to the computer via a USB to Type-C data cable
Easy to use, Driver-free, Plug And Play,
Support Recording and Live broadcast,
Support Digital Audio Workstation,
Convenient for musicians to create



After connecting to the computer, use the MP3/PC switch button on the back of the top surface of the mixer to switch the mixer to "PC" mode, and select the output/output device as "JieLi BR21" on the computer system to use it



Image: Labeled diagram of the mixer's top and rear panels, showing all input/output ports, controls, and their functions.

Connecting Microphones

Connect your microphone to the XLR/TRS combo jacks. For condenser microphones, activate the 48V Phantom Power.

Video: A demonstration using a similar 4-channel audio mixer, showing how to connect a microphone and activate 48V phantom power.

Connecting to a Computer (USB Audio Interface)

The mixer functions as a USB audio interface for recording and playback with your computer.

1. Connect the mixer to your computer using the USB to Type-C data cable.
2. Switch the mixer to "PC" mode (if applicable, refer to the device's rear panel for the switch).
3. Select "JELI BR21" (or similar device name) as the input/output device in your computer's sound settings.



Support Headphone Monitoring

Provides 6.35mm TRS headphone jack output. It can real-time monitoring of mixing or recording results, timely and accurate adjustments and improvements.



In-Ear Monitoring

Image: The MOREFAND RE-405 mixer connected to a laptop via USB, illustrating driver-free plug-and-play functionality for recording and live broadcast.

OPERATING INSTRUCTIONS

Channel Controls

Each channel features dedicated controls for precise audio adjustment:

- **GAIN Knob:** Adjusts the input sensitivity for each channel.
- **HIGH/LOW EQ Knobs:** Adjusts the high and low frequencies for tone shaping.
- **FX Knob:** Controls the amount of effect applied to the channel.
- **Volume Fader/Knob:** Adjusts the individual channel volume.

Digital Effects Processor

The built-in digital effects processor offers various echo and delay effects. Use the DELAY and REPEAT knobs to adjust effect parameters.

Video: A demonstration using a similar 4-channel mixer, showcasing the digital effects processor and its controls for echo and delay.

Bluetooth Connectivity

Connect your smartphone or other Bluetooth-enabled device to the mixer for wireless audio playback.

1. Ensure Bluetooth is enabled on your device.
2. Select the mixer's Bluetooth name (e.g., "MIX-MP3 BT" or similar) from your device's available devices list.
3. Use the mixer's transport controls (play/pause, next/previous) to manage playback.



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Image: Illustration of connecting a smartphone to the MOREFAND RE-405 mixer via Bluetooth for playing backing tracks.

USB Flash Drive Playback/Recording

Insert a USB flash drive into the USB port for direct MP3 playback or to record your mix.

USB POWER SUPPLY

Mixer Power Cable Type is Type C to USB Cable

Can be used for **Power Bank**/**USB Power Adapter**/**PC** supply

Suitable for all occasions, Can be used indoors or outdoors party.



When data cable connecting
PC usb power supply
Press the PC mode button,
Can be used as sound card



Power Bank



USB Power Adapter



Laptop/Desktop PC USB

Image: Detailing USB expansion features, including computer sound card functionality, USB recording, and U Disk playback, supporting various audio formats.

MONITORING FEATURES

The mixer includes a dedicated headphone output for real-time audio monitoring.

- Connect headphones to the 1/4" TRS PHONES jack.
- Adjust the PHONES volume knob to set your monitoring level.
- The LED level display provides visual feedback of your audio levels.

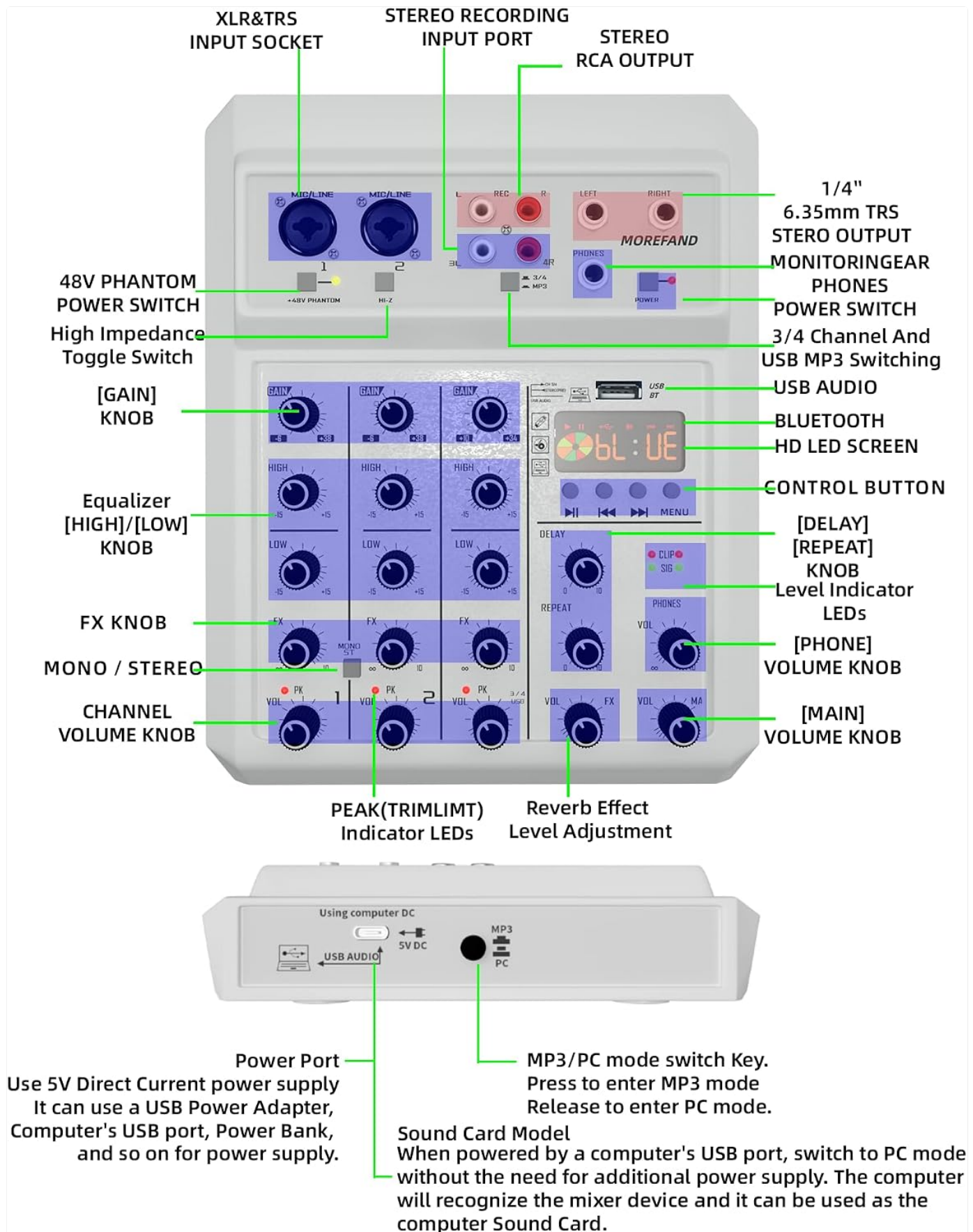


Image: Headphones connected to the MOREFAND RE-405 mixer, emphasizing the 6.35mm TRS headphone jack output for real-time monitoring.

TECHNICAL SPECIFICATIONS

Feature	Specification
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Feature	Specification
Item Weight	5.5 pounds
Product Dimensions	6.89 x 1.77 x 8.27 inches
Item Model Number	MIXER-405
Power Source	AC Power
Voltage	5 Volts
Brand	MOREFAND
Number of Channels	4
Connectivity Technology	USB

WIDELY APPLICABLE



Image: Diagram showing the physical dimensions of the mixer in millimeters and inches, along with a Type-C USB cable.

TROUBLESHOOTING

- **No Sound Output:** Check all cable connections, ensure volume levels are up on channels and main output, and verify correct input/output device selection on your computer.
- **Distorted Audio:** Reduce input gain (GAIN knob) to prevent clipping (indicated by PK/CLIP LEDs). Ensure cables are securely connected.
- **Phantom Power Not Working:** Confirm 48V phantom power button is engaged for condenser microphones.
- **Bluetooth Connection Issues:** Ensure the mixer is in Bluetooth mode and visible on your device. Disconnect and reconnect if necessary.
- **USB Recording/Playback Problems:** Verify the mixer is in PC mode and selected as the audio device in your software. Check USB flash drive compatibility and format.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the mixer's surface. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle cables carefully to prevent damage. Avoid sharp bends or excessive pulling.

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