

## Alesis MULTIMIX4USBFX

# Alesis MULTIMIX4USBFX 4-Channel Mixer with Effects & USB Audio Interface User Manual

Model: MULTIMIX4USBFX

## 1. INTRODUCTION

The Alesis MULTIMIX4USBFX is a compact 4-channel mixer designed for computer-recording setups, live sound environments, video-editing, production studios, and portable podcasting. It provides line-level analog audio and stereo 16-bit, 44.1/48 kHz digital audio over USB for recording high-quality mixes directly to your Mac or PC. This mixer features onboard volume, pan, and EQ controls, along with 15 DSP effects for enhanced audio production.

## 2. SETUP

### 2.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Ensure all items listed in the packing contents are present and undamaged. Retain original packaging for future transport or storage.

### 2.2 Connecting the Mixer

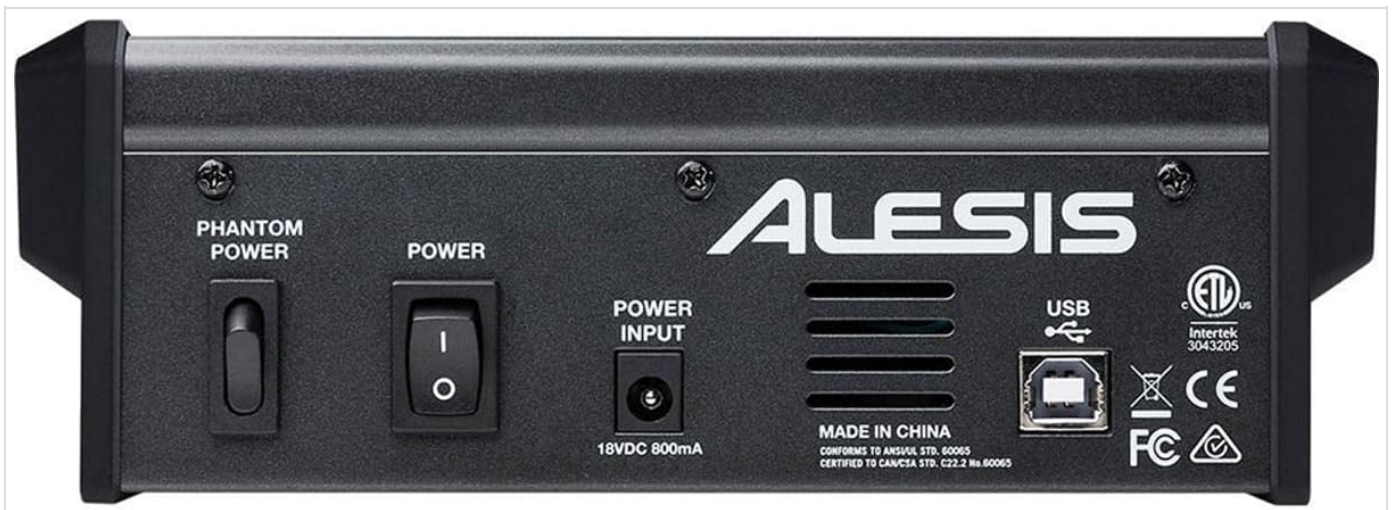
The MULTIMIX4USBFX offers versatile connectivity for various audio sources and destinations.

- **Power Connection:** Connect the included 18V DC power adapter to the 'POWER INPUT' on the rear panel and then to a power outlet.
- **USB Connection:** Connect the mixer to your Mac or PC using a standard USB cable. The mixer is class-compliant, requiring no special drivers for basic functionality.
- **Microphone/Instrument Inputs (Channels 1 & 2):** Use XLR or 1/4" plugs for microphones or instruments. These channels feature gain trim, switchable high-pass filters (75Hz), and 48V phantom power (activated via a switch on the rear panel for condenser microphones).
- **Line-Level Inputs (Channels 3 & 4):** Use 1/4" line-level inputs for stereo sources. These are configured as a stereo pair for level and pan controls.
- **Main Outputs:** Connect your monitoring speakers or recording device to the stereo 1/4" 'MAIN OUT' jacks.
- **Headphone Output:** Connect headphones to the 1/4" 'PHONES' jack for monitoring.
- **External Input:** A 3.5mm 'EXT IN' jack is available for connecting portable media players or other stereo line-level

sources.



Figure 1: Top view of the Alesis MULTIMIX4USBFX mixer, showing all controls and input/output jacks.



## 2.3 Software Installation

The mixer includes Cubase 7 LE software. To download and install, visit the Alesis website and follow the on-screen instructions to register your product. This will grant access to software downloads and promotions.

## 3. OPERATING THE MIXER

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### 3.1 Channel Controls

- **Gain:** Adjusts the input sensitivity for channels 1 and 2.
- **EQ:** Dual-band (high and low shelving) equalizers are available on channels 1 and 2 for tone control.
- **Pan/Balance:** Adjusts the stereo position of individual channels. Channels 1 and 2 have independent pan controls, while channels 3 and 4 share a balance control.
- **Level:** Controls the output level of each channel.
- **FX Send:** Controls the amount of signal sent from each channel to the internal effects processor.

### 3.2 Master Controls

- **Main Volume:** Controls the overall output level of the mixer to the 'MAIN OUT' jacks.
- **Phones Volume:** Controls the output level to the 'PHONES' jack.
- **Effects Selector:** A rotary knob allows selection from 15 high-quality Alesis DSP effects (reverbs, delays, phasers, chorus, etc.).
- **FX Return:** Controls the overall level of the selected effect mixed into the main output.
- **EXT IN / USB TO MAIN Button:** This button allows you to route the external input or the USB audio playback from your computer to the main mix.

### 3.3 Audio Monitoring

The mixer features a two-channel, five-stage, multicolor LED meter for visual monitoring of the main output level. Green LEDs indicate normal signal levels, while red LEDs indicate clipping or excessive levels, which should be avoided.

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Video 1: A detailed overview of the Alesis MULTIMIX4USBFX mixer, demonstrating its features, benefits, and sound capabilities. This video provides a comprehensive look at the mixer's controls and connectivity options.

## 4. MAINTENANCE

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To ensure the longevity and optimal performance of your Alesis MULTIMIX4USBFX mixer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and internal components.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the mixer with care. Avoid dropping it or subjecting it to strong impacts.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating. Do not block any ventilation openings.

## 5. TROUBLESHOOTING

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If you encounter issues with your Alesis MULTIMIX4USBFX, refer to the following common troubleshooting tips:

- **No Power:** Ensure the power adapter is securely connected to both the mixer and a working power outlet. Check the power switch on the rear panel is in the 'ON' position.
- **No Audio Output:** Verify that all cables are correctly connected. Check the 'MAIN' and 'PHONES' volume knobs are turned up. Ensure the 'EXT IN / USB TO MAIN' button is correctly engaged for the desired audio source. Check the LED meters for signal presence.
- **Distorted Audio:** Reduce the 'GAIN' and 'LEVEL' controls for the input channels and the 'MAIN' volume. The red 'CLIP' LED indicates an overloaded signal; adjust levels to prevent clipping.
- **No USB Audio:** Confirm the USB cable is connected and the mixer is recognized by your computer's operating system. Check your computer's audio settings to ensure the Alesis MULTIMIX4USBFX is selected as the input/output device.
- **Background Noise/Hum:** Ensure all connections are secure. Utilize the 'LO CUT' switch on channels 1 and 2 to reduce low-frequency rumble. If using a guitar, ensure the 'GUITAR' switch is engaged for high impedance signals.

## 6. SPECIFICATIONS

Feature	Specification
Brand	Alesis
Number of Channels	4
Product Dimensions (D x W x H)	7.75"D x 6"W x 2"H
Item Weight	2.42 Pounds
Connectivity Technology	USB
Power Source	USB Powered (via 18V DC adapter)
Frequency (USB Audio)	44.1/48 kHz (16-bit)
Output Connector Type	TRS (1/4")
Audio Input	XLR, 1/4 inch, USB, 3.5mm
Voltage (Phantom Power)	48 Volts
UPC	694318016374

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The Alesis MULTIMIX4USBFX comes with a 1-year warranty covering parts and labor. Please retain your proof of purchase for warranty claims.

### 7.2 Technical Support

For technical assistance, product registration, or to download the latest software and drivers, please visit the official Alesis support website: [alesis.com/support](https://alesis.com/support). Do not return your product to the dealer without prior consultation with technical support.

