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# Behringer Xenyx QX2442USB Mixer User Manual

Model: QX2442USB | Brand: Behringer

## 1. INTRODUCTION

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The Behringer Xenyx QX2442USB is a premium ultra-low noise, high headroom mixer designed for professional audio applications. It combines advanced features with intuitive controls, making it suitable for live performances, studio recording, and podcasting. This manual provides comprehensive instructions for setting up, operating, and maintaining your mixer.

### Key Features:

- 4/2-bus mixer with 60mm faders
- USB Audio Interface
- Onboard Effects
- 16-channel input capability
- 3-band EQ on input channels



Figure 1: Front view of the Behringer Xenyx QX2442USB Mixer, showcasing its comprehensive control surface with faders, knobs, and input/output sections.

## 2. SETUP

Before operating your mixer, ensure all connections are made correctly and safely. Follow these steps for initial setup:

### 2.1 Power Connection

1. Connect the supplied power cable to the AC IN socket on the rear panel of the mixer.
2. Plug the other end of the power cable into a suitable AC power outlet.
3. Ensure the POWER switch is in the OFF position before connecting to power.

### 2.2 Input and Output Connections

The QX2442USB offers a variety of input and output options for microphones, instruments, and external audio

devices.

- **Microphone Inputs (XLR):** Connect microphones to the XLR inputs (1-8) for balanced audio signals.
- **Line Inputs (1/4" TRS/TS):** Connect instruments or line-level devices to the 1/4" inputs. Channels 1-8 have dedicated line inputs, while channels 9/10, 11/12, 13/14, and 15/16 offer stereo line inputs.
- **Main Outputs (XLR):** Connect these to your main PA system or studio monitors.
- **Subgroup Outputs (1/4" TS):** Use these for routing specific channels to external processors or recording devices.
- **Aux Sends/Returns (1/4" TS):** For connecting external effects processors or monitor mixes.
- **2-Track In/Out (RCA):** For connecting CD players, tape decks, or external recording devices.



Figure 2: Rear panel of the Behringer Xenyx QX2442USB Mixer, showing all input and output connections including XLR, TRS, TS, and RCA ports, along with the power input and USB port.

## 2.3 USB Audio Interface Setup

The built-in USB interface allows for direct connection to a computer for recording and playback.

1. Connect a USB cable from the mixer's USB port to an available USB port on your computer.
2. Install the necessary drivers (if prompted by your operating system or provided by Behringer).
3. Select the mixer as your audio input/output device in your Digital Audio Workstation (DAW) or computer's sound settings.



Figure 3: Detail of the USB interface logo and port, indicating the mixer's capability for direct digital audio connection to a computer.



Figure 4: Example of a Digital Audio Workstation (DAW) software interface, demonstrating how the mixer integrates with recording software for seamless audio production.

## 3. OPERATING THE MIXER

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This section details the primary controls and functions of the Behringer Xenyx QX2442USB mixer.

### 3.1 Input Channels (1-16)

- **GAIN Control:** Adjusts the input sensitivity for each channel. Set this to achieve a healthy signal level without clipping.
- **EQ Section:** Each mono channel features a 3-band EQ (HIGH, MID, LOW) for tonal shaping. The