

## Behringer DJX400

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## 2-CHANNEL DJ MIXER INSTRUCTION MANUAL

### Introduction

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This instruction manual provides comprehensive guidance for the Behringer DJX400 2-channel DJ Mixer. It covers essential information regarding product setup, operational procedures, maintenance, and troubleshooting. Familiarize yourself with this manual to ensure optimal performance and longevity of your DJX400 mixer.



Front view of the Behringer DJX400 DJ Mixer, showing its two channels, faders, EQ controls, crossfader, and master section.

## Setup

Follow these steps to properly set up your DJX400 mixer.

### 1. Unpacking and Inspection

- Carefully remove the mixer from its packaging.
- Inspect the unit for any signs of damage that may have occurred during transit. If damage is found,

contact your dealer immediately.

- Ensure all accessories, including the power cable, are present.

## 2. Connecting Audio Sources

The DJX400 features two dual-input stereo channels. Each channel can accept either PHONO (turntable) or LINE (CD player, media player) level signals.

- **PHONO Inputs (RCA):** Connect turntables to the PHONO inputs. Ensure your turntables have a ground wire connected to the mixer's ground terminal (if available) to reduce hum.
- **LINE Inputs (RCA):** Connect CD players, media players, or other line-level audio devices to the LINE inputs.
- **MIC Input (1/4" TRS):** Connect a microphone to the 1/4" TRS input on the front panel.

## 3. Connecting Audio Outputs

- **MASTER Output (RCA):** Connect this output to your main PA system or amplifier. This is your primary audio output.
- **BOOTH Output (RCA):** Connect this output to a monitor speaker system in your DJ booth. This allows you to hear your mix independently of the main output.
- **REC Output (RCA):** Connect this output to a recording device (e.g., a digital recorder, computer audio interface) to capture your mix.
- **HEADPHONE Output (1/4" TRS):** Connect your headphones to this jack for monitoring.

## 4. Power Connection

- Ensure the mixer's power switch is in the OFF position.
- Connect the provided power cable to the mixer's power inlet and then to a suitable AC power outlet.
- Power on your audio sources and amplifiers before turning on the mixer.
- Finally, switch the DJX400 power ON.

## Operating

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This section details the functions of the DJX400's controls and how to operate the mixer.

### 1. Channel Controls

Each of the two stereo channels features the following controls:

- **INPUT SELECT Switch:** Toggles between PHONO and LINE inputs for the respective channel.
- **GAIN Control:** Adjusts the input sensitivity for the channel. Set this so the channel's peak LED occasionally flashes, but does not stay lit.
- **3-Band KILL EQ:** Provides -32 dB attenuation for HIGH, MID, and LOW frequencies. Use these to sculpt the sound of each track.
- **CHANNEL FADER:** Controls the volume level of the individual channel.
- **PFL (Pre-Fader Listen) Button:** Routes the channel's audio to the headphone output for monitoring before it reaches the main mix.

### 2. Crossfader

The DJX400 features a super-smooth dual-rail "Ultraglide" crossfader designed for up to 500,000 life cycles.

- **CROSSFADER:** Blends between Channel 1 and Channel 2. Moving it to the left emphasizes Channel 1, and to the right emphasizes Channel 2.
- **CROSSFADER CURVE Control:** Adjusts the response curve of the crossfader. A sharp curve is ideal for scratching, while a smooth curve is better for blending.

### 3. Master Section

- **MASTER LEVEL:** Controls the overall output volume of the mixer to the main PA system.
- **BOOTH LEVEL:** Adjusts the volume of the BOOTH output for your monitor speakers.
- **MIC LEVEL:** Controls the volume of the microphone input.
- **XPQ 3D SURROUND:** Activates and adjusts the XPQ 3D surround effect, which widens the stereo image and adds transparency to the sound. Turn the knob to increase the effect.

### 4. Headphone Section

- **HEADPHONE LEVEL:** Adjusts the volume of the headphone output.
- **PFL/MAIN MIX Control:** Blends between the PFL (pre-fader listen) signal and the main mix in your headphones.
- **SPLIT/STEREO Switch:** In SPLIT mode, the PFL signal is sent to one ear and the main mix to the other. In STEREO mode, both signals are mixed in stereo.

### 5. BPM Counter

The intelligent dual auto-BPM counter displays the beats per minute for both channels, aiding in beatmatching.

- The display shows the BPM for the active channel or the channel selected for PFL.
- Use the BPM display to visually match the tempo of two tracks before crossfading.

## Maintenance

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Proper maintenance ensures the longevity and reliable operation of your DJX400 mixer.

### Cleaning

- Always disconnect the mixer from power before cleaning.
- Use a soft, dry, lint-free cloth to wipe down the exterior surfaces.
- For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth.
- Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish and internal components.
- Keep faders and knobs free from dust and debris. Compressed air can be used carefully to clear dust from crevices.

### Storage

- When not in use, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- Protect the mixer from dust by covering it with a dust cover.

## Troubleshooting

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This section addresses common issues you might encounter with your DJX400 mixer.

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> <li>• Power not connected or switched on.</li> <li>• Master level turned down.</li> <li>• Channel faders down.</li> <li>• Input selector incorrect.</li> <li>• Amplifier/speakers off or disconnected.</li> </ul>	<ul style="list-style-type: none"> <li>• Check power connection and switch.</li> <li>• Increase MASTER LEVEL.</li> <li>• Raise channel faders.</li> <li>• Ensure INPUT SELECT is set correctly (PHONO/LINE).</li> <li>• Verify amplifier/speaker connections and power.</li> </ul>
Distorted sound	<ul style="list-style-type: none"> <li>• Input GAIN too high.</li> <li>• Master level too high.</li> <li>• Damaged cables.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce channel GAIN until peak LEDs only flash occasionally.</li> <li>• Lower MASTER LEVEL.</li> <li>• Replace suspect cables.</li> </ul>
Hum or buzzing noise	<ul style="list-style-type: none"> <li>• Ground loop (especially with turntables).</li> <li>• Poor cable shielding.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure turntable ground wire is connected to the mixer's ground terminal.</li> <li>• Use high-quality, shielded cables.</li> <li>• Try different power outlets.</li> </ul>
BPM counter not displaying	<ul style="list-style-type: none"> <li>• No audio signal present.</li> <li>• Signal too low or too high.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure audio is playing through the channel.</li> <li>• Adjust channel GAIN to an appropriate level.</li> </ul>

## Specifications

Key technical specifications for the Behringer DJX400 DJ Mixer:

Feature	Detail
Model Number	DJX400
Number of Channels	2
Item Weight	7.5 Pounds
Noise Level	32 Decibels
Faders	"Ultraglide" dual-rail, up to 500,000 life cycles
EQ	3-band kill EQ (-32 dB) per channel
Surround Effect	Adjustable XPQ 3D surround effect

Feature	Detail
BPM Counter	Intelligent dual auto-BPM counter with time and beat sync display

## Warranty and Support

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Behringer products are designed for reliability and performance. For detailed warranty information and technical support, please refer to the official Behringer website or contact your local authorized dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

- **Online Support:** Visit the official Behringer website for FAQs, software downloads, and support resources.
- **Service Centers:** Locate authorized service centers for repairs and maintenance.