

## Behringer DJX700

# Behringer DJX700 Professional 5-Channel DJ Mixer User Manual

## INTRODUCTION

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The Behringer DJX700 is a professional 5-channel DJ mixer designed for a wide range of audio mixing applications. This manual provides detailed instructions for the proper setup, operation, and maintenance of your DJX700 mixer to ensure optimal performance and longevity.



Figure 1: Front view of the Behringer DJX700 Professional 5-Channel DJ Mixer, showing faders, knobs, and display.

## KEY FEATURES

- **5-Channel Design:** Four dual input stereo channels and one ULN (Ultra Low-Noise) microphone channel with an 'On Air' switch.
- **ULTRAGLIDE Faders:** Super-smooth 45-mm faders with a life expectancy of up to 500,000 cycles, utilizing VCA (Voltage Controlled Amplifier) technology for minimal audio noise.
- **3-Band Kill EQ:** (-32 dB) and precise level meters with peak hold function on each channel for detailed sound shaping.
- **Digital Effects Processor:** Integrated 24-bit digital effects with 47 breathtaking presets including delay, reverb, flanger, filter, panner, ultrabass, exciter, and Vinylizer.
- **Intelligent BPM Counter:** Dual auto-BPM counter with SYNC LOCK and BEAT ASSIST functions for seamless track alignment.
- **XPQ 3D Surround Function:** Widens the stereo image and adds depth and transparency to your sound.
- **Low-Noise Preamps:** Improved ULN preamps ensure maximum headroom and ultra-transparent sound with

minimal noise.

- **Gold-Plated RCA Sockets:** For excellent audio signal integrity.

## SETUP

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Follow these steps to set up your DJX700 mixer:

1. **Unpacking:** Carefully unpack the mixer and ensure all components are present: DJX700 mixer, power supply, and this user manual.
2. **Power Connection:** Connect the included power supply to the mixer's power input and then to a suitable AC outlet. Ensure the mixer's power switch is in the OFF position before connecting.
3. **Audio Input Connections:**
  - Connect your CD players, turntables, or other line-level devices to the RCA input jacks for Channels 1-4. Each channel typically has switchable Phono/Line inputs.
  - Connect a microphone to the XLR or 1/4" input on the microphone channel.
4. **Audio Output Connections:** Connect the main output RCA jacks to your amplifier or powered speakers. Additional outputs (e.g., Booth, Record) can be connected to monitoring systems or recording devices as needed.
5. **External Effects Loop:** If using external effects processors, connect them to the dedicated Send/Return jacks.
6. **Headphones:** Plug your headphones into the 1/4" headphone jack on the front panel.

Once all connections are secure, you can power on the mixer.

## OPERATING INSTRUCTIONS

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### Channel Control

- **Input Select:** Use the switches on each channel to select between Phono, Line, or other available inputs.
- **Gain Control:** Adjust the GAIN knob for each channel to set the input level. Aim for the signal to peak in the yellow range on the level meters without consistently hitting red.
- **EQ Section:** Use the HIGH, MID, and LOW knobs to adjust the frequency response for each channel. The 3-band kill EQ allows for complete removal (-32 dB) of specific frequency ranges.
- **Channel Faders:** Control the volume of each individual channel.
- **PFL/Cue:** Press the PFL (Pre-Fader Listen) button on a channel to monitor its audio through your headphones without affecting the main mix.

### Crossfader

The crossfader allows for smooth transitions between channels. The DJX700 features an adjustable crossfader curve, which can be set to suit different mixing styles, from sharp cuts to gradual fades.

### Digital Effects

The built-in digital effects processor offers 47 presets. Use the dedicated controls to select an effect, adjust its parameters, and apply it to the desired channel or the main mix. Experiment with different effects like delay, reverb, and filter to enhance your performance.

### BPM Counter

The intelligent dual auto-BPM counter helps in beat matching. It displays the beats per minute (BPM) of the tracks playing on selected channels. Utilize the SYNC LOCK and BEAT ASSIST features to align the tempos of two tracks

for seamless transitions.

## Microphone Channel

The ULN microphone channel includes a gain control, 3-band EQ, and an 'On Air' switch. The 'On Air' switch typically mutes other channels slightly when the microphone is active, allowing the vocal to stand out.

## XPQ 3D Surround

Activate the XPQ 3D Surround function to expand the stereo image of your mix, adding a wider and more transparent sound quality to your output.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your DJX700 mixer.

- **Cleaning:** Regularly wipe the mixer's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the finish and controls.
- **Faders and Knobs:** While ULTRAGLIDE faders are designed for durability, keep them free from dust and debris. Avoid spilling liquids on the mixer, especially near faders and knobs.
- **Storage:** When not in use, store the mixer in a clean, dry environment, away from extreme temperatures and direct sunlight. Consider using a dust cover.
- **Power Off:** Always power off the mixer and disconnect it from the power source when not in use for extended periods or during electrical storms.

## TROUBLESHOOTING

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If you encounter issues with your DJX700, refer to the following common troubleshooting tips:

- **No Sound Output:**
  - Check all audio cable connections to ensure they are secure and correctly plugged into the input and output jacks.
  - Verify that the main output level, channel faders, and gain controls are not set to minimum.
  - Ensure your amplifier or powered speakers are turned on and their volume is adjusted appropriately.
  - Confirm the correct input source is selected for each channel.
- **Distorted Sound:**
  - Reduce the GAIN levels on input channels if the signal is consistently clipping (red lights on level meters).
  - Check the master output level to ensure it is not overdriving your amplifier.
  - Inspect cables for damage or loose connections.
- **Effects Not Working:**
  - Ensure the effect is selected and its parameters are adjusted from zero.
  - Verify that the effect is assigned to the correct channel or master output.
- **BPM Counter Inaccurate:**
  - Ensure the audio signal is clean and strong. Very quiet or heavily distorted signals can affect accuracy.
  - For highly complex or irregular rhythms, manual beat matching may be required.

If problems persist after attempting these solutions, contact Behringer customer support or a qualified service technician.

## SPECIFICATIONS

Specification	Detail
Item Model Number	DJX700
Item Weight	9 pounds (4.08 kg)
Product Dimensions	17.4 x 15.71 x 6.18 inches (44.2 x 39.9 x 15.7 cm)
Number of Channels	5 (4 stereo, 1 microphone)
Power Source	Corded Electric
Output Connector Type	RCA

## WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Behringer website. Behringer provides customer support and service for their products.

If you require technical assistance or service, please contact Behringer customer support through their official website or the contact information provided in your product documentation. Ensure you have your product model number (DJX700) and serial number ready when contacting support.

For the latest information, product registration, and support resources, visit the Behringer website: [www.behringer.com](http://www.behringer.com)