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Mackie ProFX10v3+

Mackie ProFX10v3+ 10-Channel Analog Mixer User Manual

Model: ProFX10v3+

1. Introduction

The Mackie ProFX10v3+ is a professional 10-channel analog mixer and USB-C audio interface designed for studio-quality recordings and live streaming. It features high-quality Onyx preamps, a versatile GigFX+ effects engine with a color LCD screen, a 2x4 USB-C audio interface with loopback capabilities, and Bluetooth connectivity for integrating computer audio and calls. This mixer is suitable for home studios, live events, podcasting, and gaming.

2. Package Contents

Please ensure all items listed below are present in your package. If any items are missing or damaged, contact your dealer immediately.

- Mackie ProFX10v3+ 10-Channel Analog Mixer
- Turnstile Audio Headphones
- XLR Male to Female Cable (25 feet)
- Power Adapter
- USB-C Cable
- Quick Start Guide



Figure 2.1: Mackie ProFX10v3+ Mixer. This image displays the top-down view of the mixer, showcasing its various knobs, faders, and input/output ports.



Figure 2.2: Turnstile Audio Headphones. A pair of black over-ear headphones, typically included for monitoring audio.



Figure 2.3: XLR Male to Female Cable. A coiled black XLR cable with male and female connectors, used for connecting microphones or other audio equipment.

3. Setup

3.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the included power adapter to the mixer's power input jack.
3. Plug the power adapter into a suitable AC power outlet.

3.2 Audio Input Connections

The ProFX10v3+ offers various input options:

- **Microphone Inputs (Channels 1-4):** Use XLR cables to connect microphones to the combo XLR/TRS jacks. These channels feature Onyx mic preamps.
- **Line Inputs (Channels 1-4):** Use 1/4-inch TRS or TS cables for line-level instruments or devices.
- **Stereo Line Inputs (Channels 5/6, 7/8, 9/10):** Use 1/4-inch TRS or TS cables for stereo line-level sources like keyboards or media players. Channel 9/10 also supports Bluetooth input.
- **Hi-Z Input (Channel 1/2 switchable):** For direct connection of guitars or basses.

3.3 Audio Output Connections

- **Main Outputs:** Connect XLR cables from the MAIN OUT L/R jacks to your powered speakers or amplifier.
- **Control Room Outputs:** Connect 1/4-inch TRS cables to your studio monitors.
- **Headphone Output:** Plug your headphones into the 1/4-inch PHONES jack.

3.4 USB-C Connection

Connect the mixer to your computer using the supplied USB-C cable. The mixer will function as a 2x4 audio interface,

allowing you to send and receive audio digitally.

3.5 Bluetooth Pairing

1. Press and hold the Bluetooth button on the mixer until the LED flashes, indicating pairing mode.
2. On your device (smartphone, tablet, computer), search for Bluetooth devices and select "ProFX10v3+".
3. Once paired, the LED will glow solid. Audio from your device will be routed to Channel 9/10.



Figure 3.1: Top Panel Layout. A detailed view of the mixer's top panel, showing all input jacks, control knobs, and the GigFX+ display.



Figure 3.2: Rear Panel Connections. This image shows the rear of the mixer, highlighting the power input, USB-C port, and main output jacks.

4. Operating Instructions

4.1 Input Channel Controls

Each input channel features the following controls:

- **GAIN:** Adjusts the input sensitivity for microphones or line-level signals. Set this so the signal peaks around 0 dB on the main meters.
- **COMP (Channels 1-2):** One-knob compressor to smooth out dynamic range.
- **EQ (High, Mid, Low):** Three-band equalizer for shaping the tone of each input.
- **FX:** Sends a portion of the channel's signal to the internal GigFX+ effects processor.
- **PAN:** Positions the channel's signal in the stereo field (left to right).
- **MUTE:** Silences the channel's output to the main mix.
- **LEVEL:** Adjusts the overall volume of the channel in the main mix.

4.2 Onyx Mic Preamps

Channels 1-4 are equipped with Mackie's Onyx mic preamps, offering up to 60 dB of gain and ultra-low noise performance for clear, transparent audio capture.

4.3 GigFX+ Effects Engine

The GigFX+ engine provides 12 high-resolution effects presets, including reverbs, delays, and choruses. Use the color LCD screen to browse, edit parameters (e.g., decay, size, high-cut), and save your custom presets. Adjust the FX SEND knob on each channel to control how much signal is sent to the effects processor, and use the FX RETURN knob to control the overall level of the effects in the main mix.

4.4 USB-C Audio Interface Modes

The built-in 2x4 USB-C audio interface supports 24-bit/192 kHz audio and offers three modes, selectable via a switch:

- **Standard:** Sends the main mix to your computer and receives audio from your computer to channels 9/10.
- **Loopback:** Ideal for streaming, this mode sends the main mix plus computer playback (from channels 9/10) back to your computer.
- **Interface:** Sends individual channels (e.g., channels 1-2) to your computer for multi-track recording.

4.5 Main Output and Monitoring

- **MAIN Fader:** Controls the overall output level of the main mix.
- **Main Meters:** Provide visual feedback of the main output level. Aim for levels around 0 dB to avoid clipping (OL).
- **Control Room/Phones:** Dedicated knobs to adjust the volume for your control room monitors and headphones independently.



Figure 4.1: Detailed Control Section. A close-up view of the mixer's channel strips, showing the gain, EQ, FX send, pan, mute, and level controls.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the mixer's surface. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures. If possible, use a dust cover to protect it from dust and debris.
- **Ventilation:** Ensure proper ventilation around the mixer to prevent overheating. Do not block any ventilation openings.

6. Troubleshooting

6.1 No Sound Output

- Check all power connections and ensure the mixer is turned on.
- Verify that the MAIN fader and individual channel LEVEL knobs are turned up.
- Ensure no MUTE buttons are engaged on channels or the main output.
- Check connections to your speakers/amplifier and ensure they are powered on and set to the correct input.
- For headphones, ensure the PHONES knob is turned up.

6.2 Distorted Sound

- Reduce the GAIN on input channels if the OL (Overload) LED is frequently lighting up.
- Lower the MAIN fader if the main meters are consistently in the red (OL).
- Check all cables for damage or improper connection.
- Ensure input sources are not sending an excessively hot signal to the mixer.

6.3 USB Audio Issues

- Ensure the USB-C cable is securely connected to both the mixer and your computer.
- Verify that the Mackie ProFX10v3+ is selected as the audio input/output device in your computer's sound settings and your DAW/software.
- Try a different USB port on your computer.
- Restart your computer and the mixer.

6.4 Bluetooth Connection Problems

- Ensure the mixer is in pairing mode (flashing LED).
- Make sure your device's Bluetooth is enabled and it's within range.
- Forget the device from your phone/computer's Bluetooth settings and try pairing again.
- Ensure no other devices are currently connected to the mixer via Bluetooth.

7. Specifications

Feature	Specification
Brand	Mackie
Model	ProFX10v3+
Number of Channels	10
Connectivity Technology	Auxiliary, USB-C, Bluetooth
Audio Input	XLR, 1/4" TRS/TS
Output Connector Type	XLR, 1/4" TRS
USB Audio Interface	2x4, 24-bit / 192 kHz
Preamps	Onyx Mic Preamps
Effects Engine	GigFX+ with 12 presets

Item Weight	6.5 pounds
Power Source	Corded Electric

8. Warranty and Support

8.1 Warranty Information

This Mackie ProFX10v3+ mixer is covered by a Mackie 1-year limited warranty. Please refer to the warranty card included with your product or visit the official Mackie website for full terms and conditions.

8.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please visit the official Mackie support website or contact their customer service department. Have your product model and serial number ready when contacting support.

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