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- › [PROEL](#) /
- › [Proel PLAYMIX8 8-Channel PA Mixer User Manual](#)

PROEL PLAYMIX8

Proel PLAYMIX8 8-Channel PA Mixer User Manual

Model: PLAYMIX8

Brand: PROEL

INTRODUCTION

The Proel PLAYMIX8 is a compact and versatile 8-channel PA mixer designed to meet various audio recording and live sound needs. It features a comprehensive set of controls, superior audio quality, and integrated digital effects. This manual provides detailed instructions for setting up, operating, and maintaining your PLAYMIX8 mixer to ensure optimal performance and longevity.



Figure 1: Angled view of the Proel PLAYMIX8 mixer, showcasing its compact design and control layout.

SETUP GUIDE

Before operating your Proel PLAYMIX8 mixer, follow these steps to ensure proper setup and connection.

1. Power Connection

- Ensure the mixer's power switch is in the OFF position.
- Connect the provided power adapter to the 'DC IN 5V 1A' port on the rear of the mixer.
- Plug the power adapter into a standard 240 Volts AC power outlet.



Figure 2: Rear panel of the PLAYMIX8, highlighting the DC IN 5V 1A power input and USB port.

2. Input Connections

- **Microphone/Line Inputs (Channels 1-4):** Connect microphones via XLR cables or line-level instruments/devices via 1/4-inch TRS/TS cables to the respective MIC/LINE inputs.
- **Stereo Line Inputs (Channels 5/6, 7/8):** Connect stereo line-level sources (e.g., keyboards, media players) to these inputs using 1/4-inch TS cables.
- **USB Audio Interface:** Connect the mixer to a PC using a USB cable for audio playback and recording.

3. Output Connections

- **MAIN MIX Output:** Connect these XLR outputs to your main PA system, powered speakers, or recording interface.
- **AUX SEND Output:** Use this 1/4-inch output to send a monitor mix to stage monitors or external effects processors.
- **PHONES Output:** Connect headphones to the 1/4-inch PHONES jack for monitoring.
- **C.ROOM Output:** Connect these 1/4-inch outputs to control room monitors.

4. Initial Power On

- Once all connections are secure, switch the mixer's power button to the ON position. The power indicator light will illuminate.
- Ensure all gain and level controls are set to their minimum positions before powering on connected amplifiers or powered speakers to prevent sudden loud noises.

OPERATING INSTRUCTIONS

This section details the functions of the various controls and features on your Proel PLAYMIX8 mixer.



Figure 3: Detailed top-down view of the PLAYMIX8's control surface, showing all knobs, faders, and buttons.

1. Channel Controls (Channels 1-4)

- **GAIN Knob:** Adjusts the input sensitivity for the microphone or line input. Use the PEAK LED to monitor for clipping.
- **PAD Button (-20 dB):** Reduces the input signal by 20dB for very loud sources.
- **+48V PHANTOM Power:** Activates phantom power for condenser microphones. Ensure microphones are connected before engaging.
- **HPF (High-Pass Filter) Button:** Cuts low frequencies to reduce rumble and unwanted noise.
- **3-Band EQ (HI, MID, LOW):**
 - **HI:** Adjusts high frequencies (treble).
 - **MID:** Adjusts mid frequencies. Features a Sweeping Mid Knob to select the specific mid-frequency to boost or cut.
 - **LOW:** Adjusts low frequencies (bass).
- **FX/AUX Knob:** Controls the amount of signal sent to the internal effects processor or external AUX send.
- **PAN Knob:** Positions the channel's signal in the stereo field (left to right).
- **60mm FADER:** Controls the overall volume level of the individual channel in the main mix.

2. Stereo Channels (5/6, 7/8)

- These channels are designed for stereo line-level inputs. They typically feature simplified controls such as Level, Balance, and FX/AUX send.

- **LEVEL Knob:** Adjusts the volume of the stereo channel.
- **BAL Knob:** Adjusts the balance between the left and right signals of the stereo input.

3. Digital Effects (DFX) Section

- The PLAYMIX8 features a high-quality 24-bit built-in DSP with 100 studio-grade presets.
- **PRESETS Knob:** Rotate to select from 100 different effects, including Reverbs, Delays, and Modulations.
- **FX LEVEL Knob:** Adjusts the overall return level of the selected effect into the main mix.

4. MP3 Player/Recorder & Bluetooth Interface

- **USB Port:** Insert a USB drive for MP3 playback or recording.
- **Mode Button:** Switches between USB playback, USB recording, and Bluetooth modes.
- **Transport Controls:** Play/Pause, Previous, Next buttons for media control.
- **Bluetooth Pairing:** In Bluetooth mode, search for "PLAYMIX8" on your device and pair.
- **USB Audio Interface:** When connected to a PC, the mixer acts as a 48KHz stereo USB audio interface for direct recording and playback.

5. Master Section

- **MAIN MIX Fader:** Controls the overall output volume of the main stereo mix.
- **LEVEL Meters:** LED meters display the output level of the main mix. Aim for levels around 0dB to avoid clipping.
- **PHONES Level Knob:** Adjusts the volume for the headphone output.
- **C.ROOM Level Knob:** Adjusts the volume for the control room monitor outputs.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Proel PLAYMIX8 mixer.

- **Cleaning:** Use a soft, dry cloth to wipe down the mixer's surface. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid abrasive cleaners or solvents.
- **Dust Protection:** When not in use, cover the mixer to protect it from dust and debris, which can affect faders and knobs.
- **Environmental Conditions:** Operate and store the mixer in a dry environment, away from direct sunlight, extreme temperatures, and high humidity. Do not expose the product to rain or moisture.
- **Ventilation:** Ensure adequate airflow around the mixer to prevent overheating. Do not block ventilation openings.
- **Cable Management:** Keep cables organized and avoid sharp bends or excessive tension to prevent damage to connectors and internal wiring.

CAUTION: RISK OF ELECTRIC SHOCK. DO NOT OPEN. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.

TROUBLESHOOTING

If you encounter issues with your Proel PLAYMIX8 mixer, refer to the following common troubleshooting steps.

No Sound Output

- Check that the mixer is powered on and the power indicator is lit.
- Verify that the MAIN MIX fader is raised and not at its minimum position.
- Ensure individual channel faders are raised and not muted.
- Check all cable connections from inputs to outputs, ensuring they are securely plugged in.
- Confirm that connected amplifiers or powered speakers are turned on and their volume is adjusted appropriately.
- If using phantom power, ensure it is engaged for condenser microphones.

Distorted Sound

- Check the GAIN knob on individual channels. The PEAK LED should only flash occasionally, not stay lit. Reduce gain if it's constantly lit.
- Ensure the MAIN MIX level meters are not consistently in the red, indicating clipping. Lower the MAIN MIX fader if necessary.
- Verify that the input source itself is not distorted.

Bluetooth Connectivity Issues

- Ensure the mixer is in Bluetooth mode (indicated on the display).
- Make sure Bluetooth is enabled on your transmitting device and it is within range.
- Try unpairing and re-pairing the device.

USB Playback/Recording Problems

- Ensure the USB drive is properly inserted and formatted correctly (FAT32 is common).
- Check that the mixer is in USB playback or recording mode.
- If recording to PC, ensure the PLAYMIX8 is selected as the audio input device in your computer's sound settings and recording software.

SPECIFICATIONS

Feature	Specification
Model Number	PLAYMIX8
Number of Channels	8
Power Source	Corded Electric
Voltage	240 Volts
Item Weight	1.8 kg
Package Dimensions	33.1 x 27.4 x 6.1 cm
Connectivity Technology	Bluetooth, USB
DSP Effects	24-bit, 100 presets (Reverbs, Delays, Modulations)
USB Audio Interface	48KHz Stereo (for PC connection)

Feature	Specification
Phantom Power	+48V (on mono MIC/LINE channels)

WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support for your Proel PLAYMIX8 mixer, please refer to the warranty card included with your product or visit the official PROEL website. You may also contact the retailer from whom you purchased the product for assistance.

PROEL S.p.A. is committed to providing high-quality products and customer satisfaction.

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