KORG MW-1608

Korg SoundLink MW-1608 16-Channel Hybrid Mixer User Manual

Model: MW-1608

1. INTRODUCTION

The Korg SoundLink MW-1608 is a 16-channel hybrid mixer designed for a wide range of audio applications, including studio recording and live sound reinforcement. This mixer integrates both analog and digital processing to provide comprehensive control over audio signals. It features high-quality components such as HiVolt microphone preamps, Velvet Sound AD/DA converters, and ALPS faders.

Key functionalities include per-channel 3-band equalizers, 1-knob compressors, mute groups, a dedicated monitor section, feedback suppression, all-XLR speaker outputs, a built-in spectrum analyzer, and a suite of Korg digital effects. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your MW-1608 mixer.

Figure 1: Front view of the Korg SoundLink MW-1608 mixer, showing the control surface with faders, knobs, and display.

2. SETUP

Before operating the Korg SoundLink MW-1608, ensure all connections are made correctly and securely. This section outlines the basic steps for setting up your mixer.

2.1 Unpacking and Placement

- Carefully remove the mixer from its packaging. Retain all packaging materials for future transport or storage.
- Place the mixer on a stable, flat surface with adequate ventilation. Avoid placing it near heat sources or in direct sunlight.
- Ensure sufficient space around the unit for cable connections and heat dissipation.

2.2 Power Connection

- The MW-1608 operates on a "Corded Electric" power source.

- Connect the supplied AC power cord to the mixer's power input on the rear panel.

- Plug the other end of the power cord into a suitable electrical outlet. Ensure the power switch is in the OFF position before connecting.

2.3 Audio Connections

The MW-1608 offers various input and output options. Refer to the rear panel diagram below for connection points.

Figure 2: Rear view of the Korg SoundLink MW-1608 mixer, showing various input and output connectors.

- **Microphone Inputs:** Connect microphones to the XLR inputs (channels 1-12, 15/16, 13/14, 11/12, 9/10, 7, 6, 5, 4, 3, 2, 1) using balanced XLR cables.

- **Line Inputs:** Connect line-level devices (e.g., keyboards, media players) to the 1/4-inch TRS or RCA line inputs.

- **Main Outputs:** Connect your main speakers or power amplifier to the MAIN OUT (XLR L/R) connectors. The mixer features "XLR" output connector type.

- **Auxiliary Outputs:** Use the AUX OUT (XLR) connectors for monitor mixes or external effects processors.

- **Group Outputs:** Utilize the GROUP OUT (XLR) for sub-mixes.

- **USB Connectivity:** The USB port allows for connection to a computer for recording or playback.

3. OPERATING INSTRUCTIONS

This section provides an overview of the Korg SoundLink MW-1608's operational features and controls.

3.1 Channel Controls

- **Input Gain:** Adjust the input sensitivity for each channel to achieve optimal signal levels.

- **3-Band EQ:** Each channel features a 3-band equalizer for tone shaping. Adjust the HIGH, MID, and LOW

frequency bands as needed.

- **1-Knob Compressor:** Engage and adjust the built-in compressor on individual channels to control dynamics and add punch.
- **Aux Sends:** Route channel signals to auxiliary outputs for monitor mixes or external effects.
- **Pan Control:** Position the channel's signal within the stereo field.
- **Mute Button:** Silences the channel's output.
- **Channel Fader:** Controls the volume level of the individual channel in the main mix.

3.2 Master Section

- **Main Mix Faders:** Control the overall output level of the stereo main mix.
- **Group Faders:** Adjust the output levels of the 8-bus groups.
- **Monitor Section:** Provides control over headphone and control room outputs. The "Musician's Phone Feature" allows for dedicated monitoring.
- **Digital Effects:** Access and apply Korg's studio-quality digital effects to your mix.
- **Feedback Suppression:** Utilize the integrated feedback suppression system to prevent unwanted audio feedback.
- **Spectrum Analyzer:** The built-in spectrum analyzer provides visual feedback on the frequency content of your audio.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Korg SoundLink MW-1608 mixer.

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the mixer. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Avoid abrasive cleaners or solvents.
- **Dust Protection:** When not in use, cover the mixer with a dust cover to prevent dust and debris from accumulating on controls and inside the unit.
- **Environmental Conditions:** Operate and store the mixer in a clean, dry environment. Avoid extreme temperatures, high humidity, and direct exposure to liquids.
- **Cable Management:** Ensure cables are neatly organized and not under strain to prevent damage to connectors and ports.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your MW-1608 mixer. If the problem persists after attempting these solutions, contact Korg customer support.

- **No Power:**
  - Ensure the power cord is securely connected to both the mixer and a working electrical outlet.
  - Check the power switch on the rear panel.
  - Verify the electrical outlet is functional by plugging in another device.
- **No Sound Output:**

- Check all input and output cable connections.
- Ensure channel faders, group faders, and main mix faders are raised.
- Verify that channels are not muted.
- Check the gain settings for each input channel.
- Confirm that connected speakers or amplifiers are powered on and functioning.

- **Distorted Audio:**
  - Reduce input gain levels if the signal is clipping (indicated by peak LEDs).
  - Check for damaged cables or faulty connectors.
  - Ensure output levels are not overdriving connected devices.

- **Channel or Group Functionality Issues:**
  - Verify routing assignments for channels to groups or main mix.
  - Ensure mute buttons are disengaged for relevant channels/groups.
  - Check if any effects or processing are inadvertently applied.

6. SPECIFICATIONS

Feature	Detail
Model Number	MW-1608
Brand	KORG
Number of Channels	16
Connectivity Technology	Auxiliary
Output Connector Type	XLR
Power Source	Corded Electric
Item Weight	3.41 pounds
Product Dimensions (L x W x H)	18.9 x 7.36 x 20.91 inches
ASIN	B08FSYXMW9

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Korg website. Warranty terms and conditions may vary by region.

For technical support, service, or additional product information, please visit the official Korg support website or contact their customer service department. Keep your product's model number (MW-1608) and serial number (if applicable) ready

when seeking support.

Official Korg Website: www.korg.com