tenlamp G9

Tenlamp G9 Podcast Equipment Audio Mixer User Manual

Model: G9

1. INTRODUCTION

This manual provides detailed instructions for the Tenlamp G9 Podcast Equipment Audio Mixer. Please read this manual thoroughly before using the device to ensure proper operation and to maximize its features. The G9 mixer is designed for podcasting, live streaming, short video recording, and other audio content creation, offering a range of audio control and enhancement functions.

2. PRODUCT OVERVIEW

The Tenlamp G9 is a versatile audio mixer featuring a 4.5-inch HD screen for real-time audio adjustments. It includes a 3-band EQ, dual reverb, voice changer, and noise reduction capabilities. The device is designed for plug-and-play compatibility with PCs, Macs, and mobile devices.

2.1 Key Features

- **Plug and Play:** Quick connection to PC, Mac, or mobile devices without complex setup.
- **Visual Audio Mixing:** 4.5-inch HD screen displays audio adjustments in real-time.
- **Noise Reduction:** Ensures clear voice output for recordings and live broadcasts.
- **Comprehensive Control:** Individual controls for microphone, music, headphone, main output, 3-band EQ, dual reverb, and pitch.
- **Voice Customization:** Includes voice changer and auto-tune functions.

2.2 Package Contents

- 1x Tenlamp G9 Audio Mixer
- 1x USB A-C Cable
- 1x 3.5mm TRRS Audio Cable
- 1x USB-C OTG Cable
- 1x User Manual (this document)

Figure 1: Tenlamp G9 Audio Mixer and included accessories.

The G9 mixer measures approximately 10.47 inches in width and 6.3 inches in height.

3. SETUP

The Tenlamp G9 mixer is designed for straightforward setup. Follow these steps to connect your device.

3.1 Connecting to Power

Connect the provided USB A-C cable to the DC 5V port on the mixer and to a power source (e.g., computer USB port, USB wall adapter). The mixer also features a built-in battery for portable use.

3.2 Connecting Microphones and Instruments

- **Microphone Input (MIC1, MIC2):** Use 1/8" (3.5mm) condenser microphones.
- **Dynamic Microphone Input (DYNAMIC):** Use a 1/4" dynamic microphone.
- **Instrument Input (INST):** Connect instruments via a 1/4" jack.
- **Headset Microphone:** Connect a headset with a microphone to the dedicated headset port.

3.3 Connecting to Devices (PC, Mac, Mobile)

- **Digital Signal I/O (DIGITAL):** Use the USB-C OTG cable to connect to a PC, Mac, or compatible mobile device for digital audio input and output.
- **Analog Input/Output (LIVE1, LIVE2, MUSIC):** Use 3.5mm TRRS audio cables for analog connections to mobile devices or other audio sources.
- **Bluetooth (BT):** Activate Bluetooth on the mixer and your device to pair wirelessly for music input.

3.4 Monitoring Headphones and Speaker Output

- **Monitoring Headphones (MONITORING):** Connect headphones to the 3.5mm monitoring jack to hear your mix in real-time.
- **Speaker Output (SPK):** Connect external speakers for audio playback.

Figure 2: Overview of connection ports on the G9 mixer.

4. OPERATION

The G9 mixer provides intuitive controls for managing your audio. The 4.5-inch HD screen displays current settings

and levels, allowing for precise adjustments.

4.1 Power On/Off

Press and hold the Power button to turn the mixer on or off. The screen will illuminate upon activation.

4.2 Adjusting Microphone Settings

Use the dedicated knobs for **HIGH**, **MID**, and **LOW** to adjust the 3-band equalizer for your microphone. The **REV-D** and **REV-L** knobs control the dual reverb depth and length. The **PITCH** knob adjusts the microphone's pitch.

Figure 3: Fine-tuning audio with EQ, reverb, and pitch controls.

4.3 Music and Output Volume

The **MUSIC** knob controls the input volume of background music. The **MON** knob adjusts the monitoring volume for your headphones, and the **OUT** knob controls the main output volume.

4.4 Special Functions

- **DUCKING:** Automatically lowers background music volume when you speak.

- **DENOISE:** Activates the noise reduction feature for clearer vocals.
- **FOLLOW SINGING:** Short press to turn on the sing-along function, which cycles between sing-along mode and vocal removal mode. *Note: This feature is primarily for music from Bluetooth and the MUSIC jack.*
- **AUTO TUNE:** Engages the auto-tune effect for vocals.
- **VOICE CHANGER:** Cycles through four different voice changing modes (female voice, uncle voice, baby voice, magic voice).
- **LOOPBACK:** Enables or disables the loopback function, which sends the output audio back to the input for recording or streaming.
- **REVERB MODE:** Adjusts the reverb effect.
- **ORIGINAL SOUND:** Restores the original sound without effects.

Figure 4: Activating the 'Follow Singing' function.

Figure 5: Cycling through different voice changing modes.

4.5 Customizable Sound Pads

The G9 mixer features four customizable sound pads (A, B, C, D). You can save your favorite voice modes, including current microphone volume, EQ, reverb, pitch, and auto-tune settings, to these pads for quick recall.

Figure 6: Saving custom sound settings to the sound pads.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Tenlamp G9 Audio Mixer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the mixer. Avoid using abrasive cleaners, solvents, or harsh chemicals.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Liquid Exposure:** Keep the mixer away from liquids. Moisture can damage internal components.

6. TROUBLESHOOTING

If you encounter issues with your Tenlamp G9 Audio Mixer, refer to the following common problems and solutions:

6.1 No Sound Output

- **Check Connections:** Ensure all audio cables (microphone, headphones, speakers, device connections) are securely plugged into the correct ports.
- **Volume Levels:** Verify that the **MIC**, **MUSIC**, **MON**, and **OUT** volume knobs are not set to minimum or muted.
- **Device Settings:** On your connected PC, Mac, or mobile device, ensure the G9 mixer is selected as the default audio input and output device.
- **Power:** Confirm the mixer is powered on and has sufficient battery charge or is connected to a power source.

6.2 Poor Audio Quality / Noise

- **Noise Reduction:** Activate the **DENOISE** function to reduce background noise.
- **Microphone Placement:** Ensure the microphone is positioned correctly and not too far from the sound source.
- **Cable Quality:** Use high-quality, shielded audio cables to minimize interference.
- **Gain Levels:** Adjust microphone gain to prevent clipping or distortion.

6.3 Voice Changer / Effects Not Working

- **Function Activation:** Ensure the specific effect button (e.g.,**VOICE CHANGER**, **AUTO TUNE**) is pressed and active.
- **Microphone Input:** Confirm that your microphone is properly connected and receiving input.

6.4 Difficulty with Initial Setup

While the G9 is plug-and-play, some users may find initial setup challenging. Double-check all physical connections and ensure the mixer is recognized by your operating system. Refer to the