

Yinker LHY1

Yinker Streaming Audio Mixer Model LHY1 User Manual

Model: LHY1

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Yinker Streaming Audio Mixer, Model LHY1. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your experience.



Image 1.1: Top and bottom view of the Yinker Streaming Audio Mixer.

2. KEY FEATURES

- Integrated 48V phantom power for XLR condenser microphones.
- Support for 1/4" dynamic microphones and instrument inputs.
- Two 3.5mm audio interfaces for 1/8" TRS and TRRS headset microphones.
- Four customizable sound effect buttons for user-recorded audio.
- Built-in 12 default sound effects, 4 voice changing effects, and 12 tune changing effects.
- Independent volume control for Microphone, Line IN, Headphone, and Line OUT.
- Adjustable high, mid, and low pitch for microphone input.
- Dodge and Noise Reduction functions for clear audio.
- Built-in 3000mAh battery providing approximately 7 hours of operation.
- USB-C power interface for charging.
- 2.25-inch LCD color display for visual monitoring of music volume and power status.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Yinker Audio Mixer (Model LHY1) x 1
- USB-C to USB-C Charging Cable x 1
- USB-A to USB-C Charging Cable x 1
- 3.5mm TRRS Cable x 1
- User Manual x 1

4. PRODUCT OVERVIEW

Familiarize yourself with the various ports and controls on your Yinker Streaming Audio Mixer.

Broad Compatibility



Image 4.1: Rear and front panel connections of the Yinker Streaming Audio Mixer.

- **Rear Panel:**

- **TYPE-C Power (5V/1A):** For charging the device.

- **TYPE-C OTG (Digital Audio):** For digital audio connection to computers/tablets.
 - **Live Broadcast Interface (2-1):** 3.5mm ports for smartphone connection.
 - **Accompaniment:** 3.5mm input for external audio sources (e.g., music player).
 - **Headset:** 3.5mm output for headphones.
 - **Microphone:** 3.5mm input for TRS/TRRS microphones.
 - **Instrument Interface:** 1/4" input for dynamic microphones or instruments (e.g., guitar/bass).
 - **XLR Interface:** XLR input for condenser or dynamic microphones, with 48V phantom power switch.
- **Front Panel:**
 - **Earphone 1 & 2:** 3.5mm outputs for monitoring headphones.
 - **Power Switch:** On/Off button.
 - **48V Phantom Power Switch:** Activates 48V power for compatible microphones.
- **Top Panel Controls:**
 - **LCD Display:** Shows audio levels, battery status, and settings.
 - **Reverberation Knob:** Adjusts reverb effect level.
 - **Monitor Knob:** Adjusts monitor headphone volume.
 - **Recording Knob:** Adjusts recording output level.
 - **Accompaniment Knob:** Adjusts accompaniment input volume.
 - **Musical Instrument Knob:** Adjusts instrument input volume.
 - **Mic Total Vol Fader:** Master volume control for microphone.
 - **Mic High, Mic Mid, Mic Low Faders:** Equalizer controls for microphone input.
 - **Customizable Sound Pads (1-4):** Buttons for user-recorded sound effects.
 - **Default Sound Effect Buttons:** Pre-loaded sound effects (e.g., RAP, Pop Songs, Kiss, Laughter).
 - **Voice Changer Buttons:** Buttons for voice modulation effects.
 - **Dodge Button:** Automatically lowers background music when speaking.
 - **Noise Reduction Button:** Activates noise reduction feature.
 - **Bluetooth Control Buttons:** Play/Pause, Previous, Next for Bluetooth audio.

5. SETUP

5.1 Powering On and Charging

Connect the mixer to a power source using the provided USB-C to USB-A or USB-C to USB-C cable and a 5V/1A power adapter (not included). The built-in 3000mAh battery provides approximately 7 hours of operation on a full charge. The LCD display will show the charging status.



Image 5.1: USB-C Power and OTG ports.

5.2 Connecting Microphones

- **XLR Condenser Microphone:** Connect your XLR condenser microphone to the XLR Interface. Ensure the 48V Phantom Power switch is turned ON if your microphone requires it.
- **Dynamic Microphone (XLR or 1/4"):** Connect your dynamic microphone to either the XLR Interface or the 1/4" Instrument Interface. 48V phantom power is typically not required for dynamic microphones.
- **3.5mm Microphones:** Connect 1/8" TRS or TRRS headset microphones to the 3.5mm Microphone input.



Image 5.2: Connecting an XLR microphone and activating 48V phantom power.

5.3 Connecting to Devices (Computer/Smartphone)

- **Computer/Tablet (Digital Audio):** Use the USB-C to USB-C cable to connect the mixer's TYPE-C OTG port to your computer or tablet for digital audio transmission.
- **Smartphone (Live Broadcast):** Use the 3.5mm TRRS cable to connect your smartphone to one of the Live Broadcast Interface ports.

5.4 Connecting Headphones and External Audio

- **Monitoring Headphones:** Connect your headphones to either Earphone 1 or Earphone 2 ports on the front panel, or the Headset port on the rear panel.
- **External Accompaniment:** Connect an external audio source (e.g., music player) to the Accompaniment 3.5mm input.

6. OPERATING INSTRUCTIONS

6.1 Basic Audio Control

- **Microphone Volume:** Use the "Mic Total Vol" fader to adjust the overall microphone volume.
- **Microphone EQ:** Use the "Mic High", "Mic Mid", and "Mic Low" faders to adjust the treble, midrange, and bass frequencies of your microphone.
- **Monitor Volume:** Adjust the "Monitor" knob to control the volume in your monitoring headphones.
- **Recording Volume:** Adjust the "Recording" knob to control the output level for recording.
- **Accompaniment Volume:** Adjust the "Accompaniment" knob for external audio input.
- **Musical Instrument Volume:** Adjust the "Musical Instrument" knob for instrument input.



Image 6.1: Individual volume and EQ controls.

6.2 Sound Effects and Voice Changing

- **Default Sound Effects:** Press the labeled buttons (e.g., RAP, Pop Songs, Kiss, Laughter) to trigger pre-loaded sound effects.
- **Customizable Sound Pads:** To record your own sound effect, press and hold one of the "Customize 1-4" buttons until it flashes. Speak into your microphone or play audio from an input source. Press the button again to stop recording. Press the button briefly to play the recorded effect.

- **Voice Changer:** Press the "Voice Changer" buttons to apply different voice modulation effects.
- **Reverberation:** Use the "Reverberation" knob to add or adjust the reverb effect to your microphone audio.

4 CUSTOMIZABLE SOUND PADS

Make your own sound effect



Image 6.2: Customizable sound pads.



Image 6.3: Voice changer and default sound effect buttons.

6.3 Special Functions

- **Dodge:** Press the "Dodge" button to activate the ducking feature, which automatically lowers background music volume when you speak into the microphone.
- **Noise Reduction:** Press the "Noise Reduction" button to minimize background noise in your microphone input.
- **Bluetooth Connectivity:**
 1. Activate Bluetooth on your external device (e.g., smartphone).
 2. Search for "Yinker Mixer" in your device's Bluetooth settings and pair.
 3. Use the Bluetooth control buttons on the mixer (Play/Pause, Previous, Next) to manage playback.



Image 6.4: Visual representation of noise reduction.



Image 6.5: Bluetooth control section.

7. MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the mixer to extreme temperatures, humidity, or direct sunlight.

- Do not use abrasive cleaners or solvents.
- Store the device in a cool, dry place when not in use.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.

8. TROUBLESHOOTING

- **No Sound Output:**
 - Check all cable connections (microphone, headphones, output devices).
 - Ensure volume knobs and faders are not set to minimum.
 - Verify the mixer is powered on and has sufficient battery charge.
 - If using an XLR condenser microphone, ensure 48V phantom power is activated.
 - For computer connections, check audio input/output settings in your operating system and software.
- **Poor Audio Quality / Noise:**
 - Activate the "Noise Reduction" feature.
 - Check microphone placement and ensure it's not too far or too close.
 - Adjust microphone EQ (High, Mid, Low) to optimize sound.
 - Ensure cables are not damaged or faulty.
 - Avoid placing the mixer near sources of electromagnetic interference.
- **Bluetooth Connection Issues:**
 - Ensure the mixer is in pairing mode (if applicable, usually automatic when Bluetooth is active).
 - Check that Bluetooth is enabled on your external device.
 - Move the external device closer to the mixer.
 - Try unpairing and re-pairing the device.
- **Custom Sound Pad Recording Failure:**
 - Ensure you are pressing and holding the button until it flashes to initiate recording.
 - Verify an audio input source (microphone, accompaniment) is active and providing sound.

9. SPECIFICATIONS

Feature	Detail
Model Number	LHY1
Item Weight	2.25 pounds
Package Dimensions	10.94 x 6.77 x 2.99 inches

Power Source	Battery Powered
Voltage	48 Volts (DC) for phantom power
Number of Channels	7
Connectivity Technology	Auxiliary, Bluetooth, USB, XLR
Output Connector Type	USB-C
Battery Capacity	3000mAh (approx. 7 hours working time)
Display	2.25 inch LCD color display

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Please refer to the product packaging or the official Yinker website for specific warranty details. Typically, products are covered by a limited manufacturer's warranty against defects in materials and workmanship.

10.2 Customer Support

For any questions, technical assistance, or issues with your Yinker Streaming Audio Mixer, please contact YINKER OFFICIAL support. Contact information can usually be found on the official Yinker website or through your purchase platform.

You may also visit the [Yinker Store on Amazon](#) for more information.