

## LEKATO WS50

# LEKATO WS50 Guitar Wireless System & Looper Pedal Instruction Manual

Model: WS50

## INTRODUCTION

This manual provides comprehensive instructions for the LEKATO WS50 Guitar Wireless System and Looper Pedal. It covers essential information regarding setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The system combines a 24-bit/48KHz wireless audio transmission with a versatile looper pedal featuring 9 loops and up to 40 minutes of recording time.

## KEY FEATURES

- **Clear Signal Transmission:** 24-bit 48KHz high-quality audio broadcasting with less than 6ms latency and an effective range of approximately 100 meters.
- **Rechargeable Wireless System:** Built-in rechargeable lithium battery provides up to 5 hours of working time. Includes a dual USB cable for convenient recharging.
- **Widespread Use:** 220° rotatable plug design compatible with most electric guitars, bass, electric-acoustic guitars, and other musical instruments with a 1/4" pickup jack.
- **Long Memory Looper:** Features 9 loops, with a single loop recording duration of up to 10 minutes, and a total recording time of 40 minutes. Includes a visual time indicator.
- **Uncompressed Audio:** 48K/24bit sampling rate for lossless, uncompressed, professional tone quality. Analog-Dry-Through design ensures pure music enjoyment.

## PACKAGE CONTENTS

The LEKATO WS50 package includes the following items:

- 1 x Guitar Effect Pedal (Looper)
- 1 x USB Cable (Dual Micro-USB for charging transmitter and receiver simultaneously)
- 1 x User Manual
- 1 x Wireless Transmitter
- 1 x Wireless Receiver

# PACKAGE LIST

- 1 \* Guitar Effect Pedal
- 1 \* USB Cable
- 1 \* User manual



## POWER ADAPTER IS NOT INCLUDED



DC 9V  
+ -  
Central Negative

Image: Contents of the LEKATO WS50 package, including the looper pedal, USB cable, user manual, and the wireless transmitter and receiver units.

## SETUP GUIDE

### 1. Charging the Devices

Before initial use, ensure both the wireless transmitter and receiver are fully charged. Use the provided dual USB cable. The charging ports are Micro-USB. A power adapter is not included; use a standard 5V USB power adapter.

# PACKAGE LIST

- 1 \* Guitar Effect Pedal
- 1 \* USB Cable
- 1 \* User manual



## POWER ADAPTER IS NOT INCLUDED



DC 9V  
+ -  
Central Negative

Image: The dual USB charging cable for the wireless units. Note that a power adapter is not included.

## 2. Connecting the Wireless System

The wireless system consists of a transmitter and a receiver.

- **Transmitter:** Plug the transmitter unit into the 1/4" output jack of your guitar. The 220° rotatable plug allows for flexible positioning to fit various guitar body shapes.
- **Receiver:** Plug the receiver unit into the input of your amplifier, pedalboard, or audio interface.



Image: The LEKATO wireless transmitter plugged into an electric guitar's output jack, demonstrating its compact and adjustable design.

### 3. Pairing the Transmitter and Receiver

Both the transmitter and receiver will automatically pair when powered on.

- Power on both the transmitter and receiver units.
- The indicator lights on both units will flash while searching for a connection.
- Once successfully paired, the indicator lights will turn solid, indicating a stable connection.





Image: Close-up of the LEKATO wireless transmitter and receiver units, showing their indicator lights during the pairing process. The system supports simultaneous broadcasts on 4 channels.

## OPERATING INSTRUCTIONS

---

### 1. Looper Pedal Basic Functions

The looper pedal is controlled primarily by a single footswitch and a level knob.

- **Record:** Single press the footswitch to start recording.
- **Play/Overdub:** Single press again to play the loop or to start overdubbing.
- **Stop:** Double-tap the footswitch to stop playback.
- **Undo/Redo:** Press and hold the footswitch for a short period (e.g., 1-2 seconds) to undo the last overdub. Repeat to redo.
- **Erase:** Press and hold the footswitch for a longer period (e.g., 3+ seconds) to erase the current loop.
- **Level Knob:** Adjusts the playback volume of the recorded loop.

# Easy to Use & One Key to Achieve All Function

Record, undo/redo, stop and erase are all accessed via different foot commands by one button.

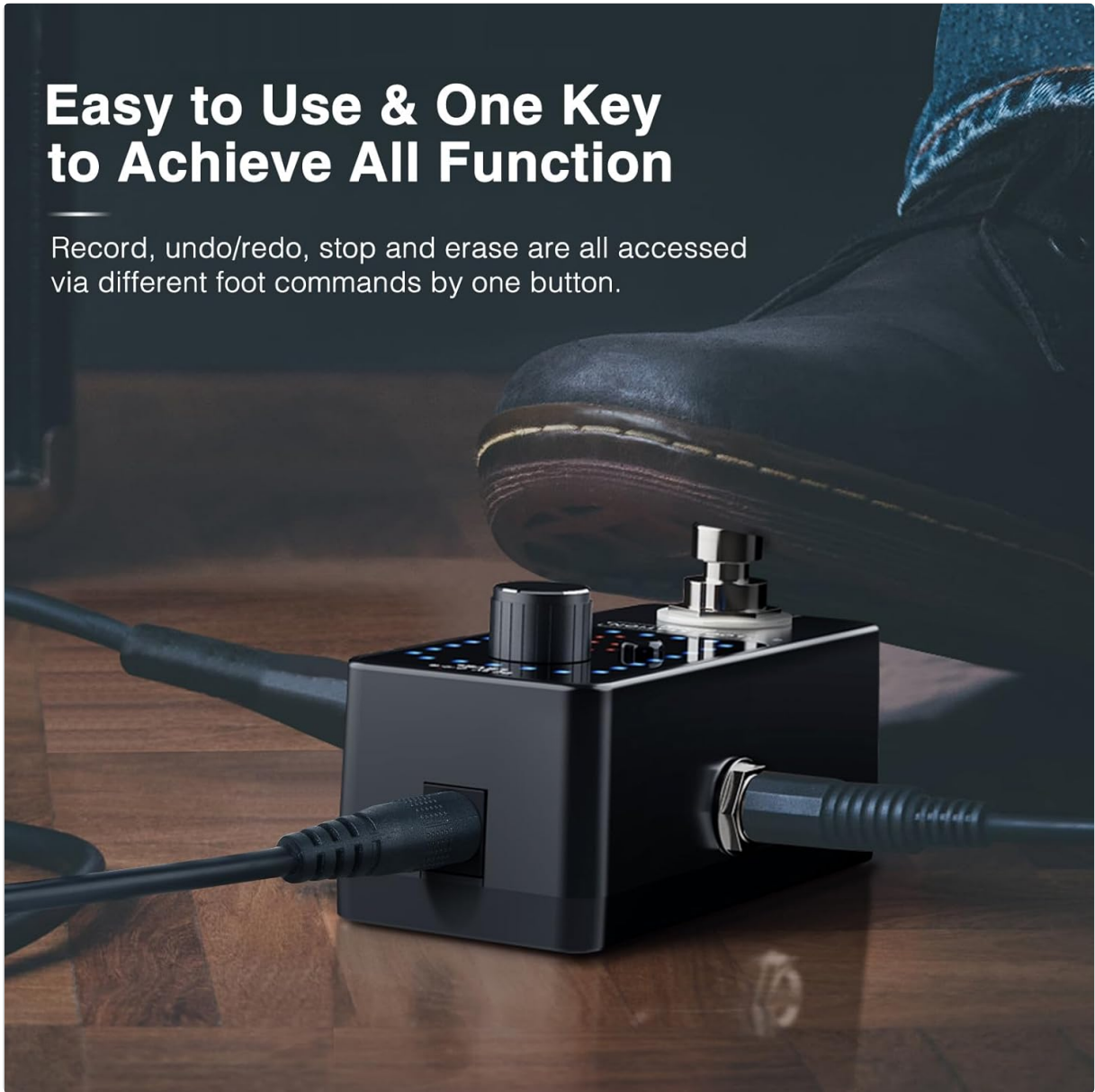


Image: The LEKATO WS50 looper pedal with a foot pressing the footswitch, illustrating its easy-to-use, one-key functionality for record, undo/redo, stop, and erase operations.

## 2. Tuner Function

The looper pedal includes a hidden tuning function for convenience.

- To activate the tuner, press the two small buttons located near the "TUNER" label on the pedal simultaneously.
- The display will show tuning indicators. Adjust your guitar's tuning until the central indicator lights up, signifying accurate pitch.
- Press the footswitch to exit tuner mode and return to looper operation.

# Hidden Tuning Function

Press 2 buttons at the same time for turn on the tuner



Image: Close-up of the LEKATO WS50 looper pedal highlighting the "TUNER" section and the two buttons used to activate the hidden tuning function.

## 3. Channel Selection (Wireless System)

The wireless system supports 4 channels to avoid interference.

- To change the channel, briefly press the channel button on both the transmitter and receiver units.
- Ensure both units are set to the same channel for proper operation. The indicator lights will show the selected channel.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the devices. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the units frequently. Recharge them regularly, especially if not used for extended periods.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Units not powered on, not paired, or low battery.	Ensure both units are powered on and paired. Check battery levels and recharge if necessary. Verify connections.
Interference/Static noise	Interference from other wireless devices or selected channel is busy.	Change the wireless channel on both the transmitter and receiver. Move away from other wireless devices.
Short range/Signal drops	Obstructions between units, or excessive distance.	Reduce distance between transmitter and receiver. Ensure clear line of sight.
Looper not recording/playing	Incorrect footswitch operation.	Refer to the "Looper Pedal Basic Functions" section for correct footswitch commands.

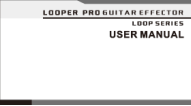
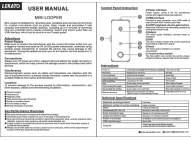




## SPECIFICATIONS

- **Model:** WS50
- **Brand:** LEKATO
- **Audio Quality:** 24-bit/48KHz uncompressed digital transmission
- **Latency:** Less than 6ms
- **Range:** Approximately 100 meters (effective range)
- **Battery Life:** Up to 5 hours (after full charge)
- **Charging Port:** Micro-USB
- **Looper Loops:** 9
- **Single Loop Recording Time:** Up to 10 minutes
- **Total Recording Time:** 40 minutes
- **Plug Type:** 1/4" (6.35mm) rotatable plug (220°)
- **Controls Type:** Footswitch (for looper)
- **Hardware Interface:** Bluetooth 5 (Note: This refers to internal communication, not direct Bluetooth audio connection to external devices)
- **Power Source:** Corded Electric (for charging)

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official LEKATO website or contact your retailer. Keep your purchase receipt as proof of purchase.



	<p><a href="#">Looper Pro Guitar Effector User Manual - LEKATO</a></p> <p>Comprehensive user manual for the LEKATO Looper Pro Guitar Effector. Learn about its 48K/24bit audio quality, 40-minute recording capacity, 9 loops, built-in tuner, USB connectivity for WAV file import/export, and detailed operation instructions. Ideal for guitarists seeking professional looping capabilities.</p>
	<p><a href="#">LEKATO MINI LOOPER User Manual - Features, Instructions &amp; Specifications</a></p> <p>Comprehensive user manual for the LEKATO MINI LOOPER, detailing its features, control panel instructions, operation guide, and technical specifications. Learn how to record, playback, and manage audio loops.</p>
	<p><a href="#">LEKATO M01698 3 Slots Auto Looper FAQ and Troubleshooting Guide</a></p> <p>Comprehensive FAQ and troubleshooting guide for the LEKATO M01698 3 Slots Auto Looper, covering common issues like clicking sounds, power supply requirements, and firmware updates.</p>
	<p><a href="#">LEKATO LOOP AUTO Guitar Looper Pedal User Manual</a></p> <p>Comprehensive user manual for the LEKATO LOOP AUTO guitar looper pedal, detailing features, operation, connection methods, and troubleshooting. Learn how to maximize your creative potential with unlimited overdubs, sync function, and WAV file import/export.</p>
	<p><a href="#">LEKATO Looper &amp; Drum Machine Owner's Manual</a></p> <p>This manual provides detailed instructions for operating the LEKATO Looper &amp; Drum Machine, including features, layout, operational modes for looper and rhythm, editor software usage, and technical specifications.</p>
	<p><a href="#">LEKATO Guitar Looper Series Firmware Update Guide</a></p> <p>Instructions for updating the firmware on your LEKATO Guitar Looper Series to resolve tick noise issues. Includes steps for downloading the CubeSuite app and performing the OTA upgrade.</p>