LEKATO WS-50

LEKATO WS-50 5.8GHz Wireless Guitar System Instruction Manual

Model: WS-50 | Brand: LEKATO

1. Introduction

The LEKATO WS-50 5.8GHz Wireless Guitar System provides a high-quality, low-latency solution for musicians seeking freedom from cables. This system is designed for electric guitars, bass guitars, electric-acoustic guitars, and other musical instruments equipped with a pickup. Operating on the 5.8GHz band, it offers enhanced anti-interference capabilities and a stable connection for an optimal playing experience.

2. Package Contents

Upon opening the package, you will find the following items:

- 1 x LEKATO Wireless Transmitter
- 1 x LEKATO Wireless Receiver
- 1 x Dual-head USB Charging Cable
- 1 x User Manual

LEKATO Wireless Guitar System 5.8 Unboxing Video

Video: This video provides an unboxing and initial overview of the LEKATO Wireless Guitar System, showing the contents of the package.

3. Setup Guide

3.1. Initial Charging

Before first use, ensure both the transmitter and receiver units are fully charged. Use the provided dual-head USB charging cable to connect both units to a standard USB power adapter (not included). The battery indicator light will show charging status.



Image: The LEKATO wireless transmitter and receiver being charged simultaneously using the included dual-head USB cable.

3.2. Pairing the Units

The transmitter and receiver units are pre-paired from the factory. If re-pairing is necessary:

1. Turn on both the transmitter and receiver units using their respective ON/OFF switches.
2. Press and hold the signal key (usually indicated by a Wi-Fi-like icon) on both the transmitter and receiver simultaneously until their indicator lights begin to blink.
3. Release the buttons. The units will automatically search for each other and pair. Once successfully paired, the indicator lights will turn solid green.

Video: This video demonstrates the pairing process for the LEKATO Wireless Guitar System, showing how to link the transmitter and receiver units.

3.3. Connecting to Instrument and Amplifier

1. Plug the **transmitter** unit into the output jack of your electric guitar, bass, or other compatible instrument.
2. Plug the **receiver** unit into the input jack of your amplifier, effects pedal, or audio interface.
3. Ensure both units are powered on and successfully paired (solid green indicator lights).

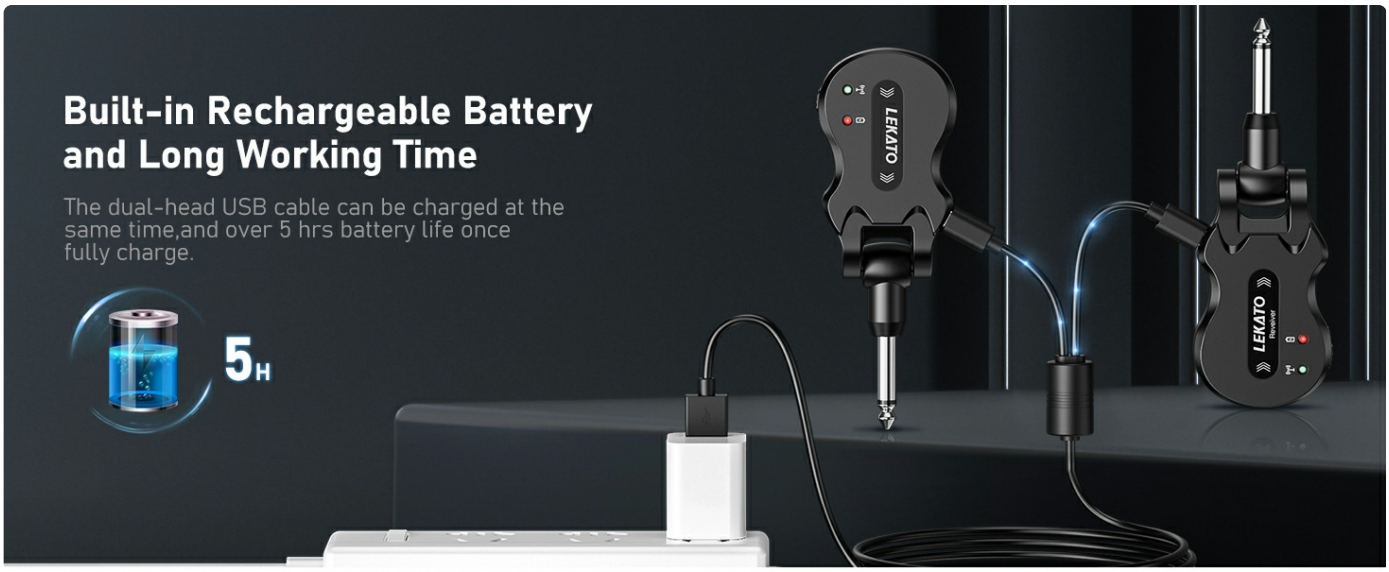


Image: A musician playing an electric guitar with the LEKATO wireless transmitter plugged into the guitar's output jack, illustrating the plug-and-play functionality.

4. Operating Instructions

4.1. Power On/Off

To power on or off each unit, slide the ON/OFF switch located on the side of the device. The indicator lights will illuminate when the unit is powered on.

4.2. Channel Selection

The LEKATO WS-50 system supports simultaneous broadcasts on 4 channels. To switch channels, briefly press the signal key (Wi-Fi-like icon) on both the transmitter and receiver. Ensure both units are set to the same channel for proper operation.

4.3. Rotatable Plug Design

The units feature a 220° rotatable plug, allowing for flexible positioning to accommodate various instrument jack designs and playing styles. Adjust the plug angle as needed to ensure a secure and comfortable fit without obstructing your playing.



Image: Multiple views of a LEKATO wireless unit demonstrating its 220-degree rotatable plug, designed for compatibility with various instrument jack placements.

5. Maintenance

5.1. Battery Care

To prolong the life of the built-in lithium batteries:

- Avoid completely draining the battery before recharging.
- Charge the units regularly, especially after extended use.
- If storing for a long period, charge the units to approximately 50% and recharge every few months.

5.2. Cleaning and Storage

Wipe the units with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials. Store the units in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution
No sound or intermittent signal	Units not paired; low battery; out of range; interference.	Ensure units are paired (solid green light). Recharge batteries. Reduce distance between units. Check for other 5.8GHz devices causing interference.
Static or unwanted noise	Interference from other wireless devices; poor connection.	Change to a different channel. Ensure units are securely plugged in. Move away from potential sources of interference (Wi-Fi routers, microwaves).
Latency (delay in sound)	Rare, but can occur with extreme interference or distance.	Ensure units are within optimal range. Minimize potential interference. The system is designed for <6ms latency under normal conditions.
Units not charging	Faulty cable or power adapter; charging port issue.	Try a different USB power adapter or cable. Ensure the cable is fully inserted into the charging ports.

Video: This video offers a general overview of the LEKATO wireless guitar system, highlighting its features and ease of use as a musical accessory.

7. Specifications

- **Frequency Band:** 5.8GHz ISM Band
- **Audio Quality:** 24-bit / 48KHz High Quality Audio Broadcasting
- **Latency:** Less than 6ms
- **Transmission Range:** Approximately 100 feet (effective range)
- **Dynamic Range:** 110 dB
- **Battery Life:** Up to 5 hours playing time per charge
- **Battery Type:** Built-in Rechargeable Lithium Polymer (600mAh)
- **Charging:** Dual USB cable (USB to USB-C)
- **Channels:** Supports simultaneous broadcasts on 4 channels
- **Plug Design:** 220° Rotatable
- **Product Dimensions:** 6.69 x 4.33 x 1.57 inches
- **Item Weight:** 5.9 ounces



Image: An illustration highlighting the system's 24-bit/48KHz audio, <6ms latency, 10Hz-22KHz frequency response, and 110 dB dynamic range.

8. Warranty and Support

For warranty information, technical support, or any product-related inquiries, please refer to the contact details provided in the original product packaging or visit the official LEKATO website. Keep your purchase receipt for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question