

LEKATO FW24G

LEKATO 2.4GHz Wireless Guitar System (Model FW24G) - Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the LEKATO 2.4GHz Wireless Guitar System, Model FW24G. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its performance. This system is designed to provide a reliable and high-quality wireless connection for your electronic musical instruments.

PRODUCT OVERVIEW

The LEKATO Wireless Guitar System consists of a transmitter and a receiver, designed for seamless audio transmission for electronic musical instruments. It features a 2.4GHz digital signal, low latency, and a unique silent jack for a clean audio experience.



Image: The LEKATO wireless guitar system, showing both the transmitter and receiver units. These compact devices facilitate wireless audio transmission for musical instruments.



Guitar Wireless System With Silent Jack

Not subject to electromagnetic and noise interference
Clear sound quality, no noise and no current sound

Image: A detailed view of the silent jack feature on the LEKATO wireless system, designed to minimize noise and interference when plugging or unplugging.

SETUP INSTRUCTIONS

1. Charging the Units

The system includes a built-in rechargeable battery. Before first use, fully charge both the transmitter and receiver.

- Connect the included dual-ended charging cable to both the transmitter and receiver, and then to a USB power source.
- The charging indicator light will illuminate during charging and turn off when fully charged.
- A full charge provides approximately 6 hours of operating time.

Built-in Rechargeable Battery

More than 6 hours of battery working time after full charge



Image: Both the transmitter and receiver units are shown connected via a dual-ended USB charging cable, highlighting the built-in rechargeable battery and over 6 hours of battery life.

2. Connecting and Pairing

The LEKATO Wireless Guitar System is designed for easy plug-and-play operation.

- **Transmitter:** Plug the transmitter unit into your instrument's output jack (e.g., guitar, bass). The transmitter features a 180° adjustable plug for compatibility with various instrument designs.
- **Receiver:** Plug the receiver unit into the input of your amplifier, mixer, or other audio equipment.
- **Pairing:** Both units are pre-paired from the factory. If re-pairing is needed, long-press the pairing button on both the transmitter and receiver simultaneously until the indicator lights flash, then release. The lights will become solid when successfully paired.

Plug and Play

Easy pairing, give you the best playing experience

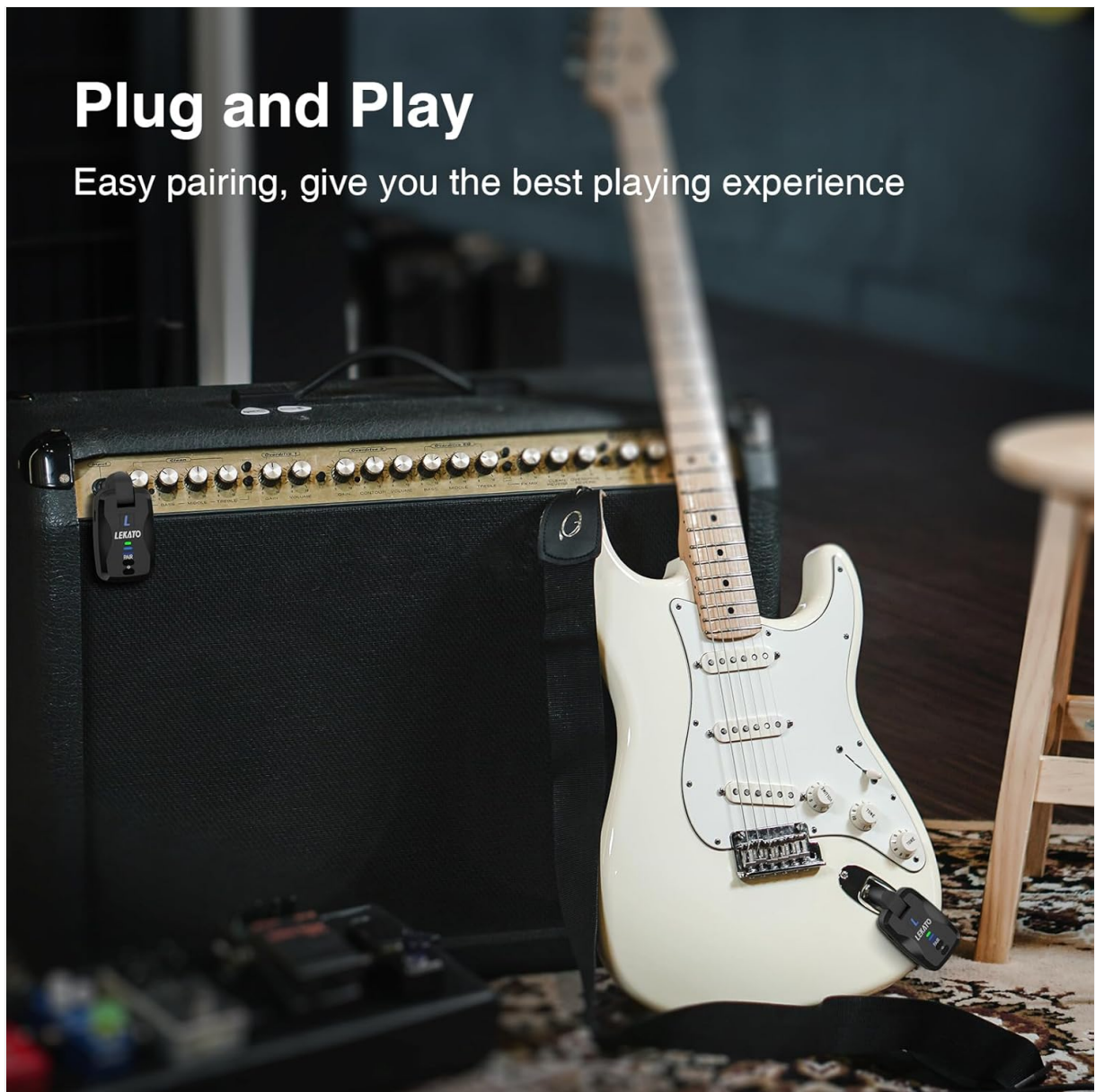


Image: The LEKATO transmitter is shown plugged into an electric guitar, illustrating its 180-degree arbitrary rotation feature for flexible positioning.

180° Arbitrary Rotation

Suitable for angles required by most instruments



Image: The LEKATO wireless system is depicted in a 'Plug and Play' setup, with the transmitter connected to an electric guitar and the receiver to an amplifier, ready for immediate use.

OPERATING INSTRUCTIONS

1. Power On/Off

Long-press the power button on both the transmitter and receiver to turn them on or off.

2. Channel Selection

The system supports 18 channels, allowing multiple units to operate simultaneously without interference. A single transmitter can be paired with multiple receivers.

- To change channels, briefly press the pairing button on the transmitter. The channel indicator will change. Ensure the receiver is on the same channel as the transmitter for proper operation.

3. Signal Transmission

The system operates on a 2.4GHz frequency, providing clear, uncompressed signal transmission with low noise and a latency of less than 5ms. The effective transmission range is approximately 30 meters (100

feet).

30M Transmission Distance

Enough space to move around but latency Time: <5ms



Image: A visual representation of the LEKATO wireless system's operational range, showing a 30-meter transmission distance and a latency of less than 5 milliseconds.

4. Instrument Compatibility

This system is compatible with most electronic instruments, including electric guitars, basses, violins, electronic pianos, microphones, mixers, and percussion instruments, thanks to its 48kHz/16bit high-quality audio digital system.

48kHz/16bit

High-Quality Audio Digital Guitar System

Available for most instruments



Guitar



Keyboard



Violin



Mixer



Drum



Image: Icons illustrating the broad compatibility of the LEKATO wireless system with various instruments, including guitar, keyboard, violin, mixer, and drums, emphasizing its 48kHz/16bit high-quality audio.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the units frequently. Recharge them regularly, even if not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	Units not powered on	Ensure both transmitter and receiver are powered on.

Problem	Possible Cause	Solution
No Sound	Units not paired	Perform the pairing procedure as described in the "Connecting and Pairing" section.
No Sound	Low battery	Recharge both units.
Interference/Noise	Other 2.4GHz devices nearby	Change the operating channel on the transmitter. Move away from other wireless devices.
Interference/Noise	Distance too far	Reduce the distance between the transmitter and receiver.
Interference/Noise	Silent Jack feature not working as expected	Ensure the silent jack is fully inserted and the connection is secure. The unique silent jack design minimizes current noise.
Short Battery Life	Battery degradation or incomplete charging	Ensure units are fully charged before use. Battery life naturally decreases over time.

SPECIFICATIONS

Feature	Detail
Model	FW24G
Brand	LEKATO
Transmission Frequency	2.4GHz
Latency	< 5ms
Transmission Range	Approx. 30 meters (100 feet)
Sampling Rate	48kHz/16bit
Channels Supported	18
Battery Type	Lithium-ion (built-in)
Battery Life	Approx. 6 hours (after full charge)
Product Dimensions	17 x 11 x 4 cm (6.7 x 4.3 x 1.6 inches)
Item Weight	180 grams (0.4 lbs)

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact LEKATO customer service directly. Specific warranty details are not provided in this manual.

