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LEKATO WSM-620

LEKATO Wireless Microphone System User Manual

Model: WSM-620

1. PRODUCT OVERVIEW

The LEKATO Wireless Microphone System provides stable and clear audio transmission for various applications such as singing, speech, and PA systems. This system features UHF digital technology, rechargeable microphones and receiver, and a plug-and-play design for ease of use. It is designed for compatibility with devices equipped with a 'MIC INPUT' (6.35mm (1/4") or 3.5mm (1/8") MIC input).



Image: The LEKATO Wireless Microphone System, showing two handheld microphones (one black, one red) and the compact receiver with a 1/4-inch jack.

2. WHAT'S IN THE BOX

- 2 x Handheld Microphones (Black & Red)
- 1 x Wireless Receiver
- 1 x Dual Type-C & USB Charging Cable
- 2 x Microphone Covers
- 2 x Anti-slip Rings
- 1 x User Manual (this document)

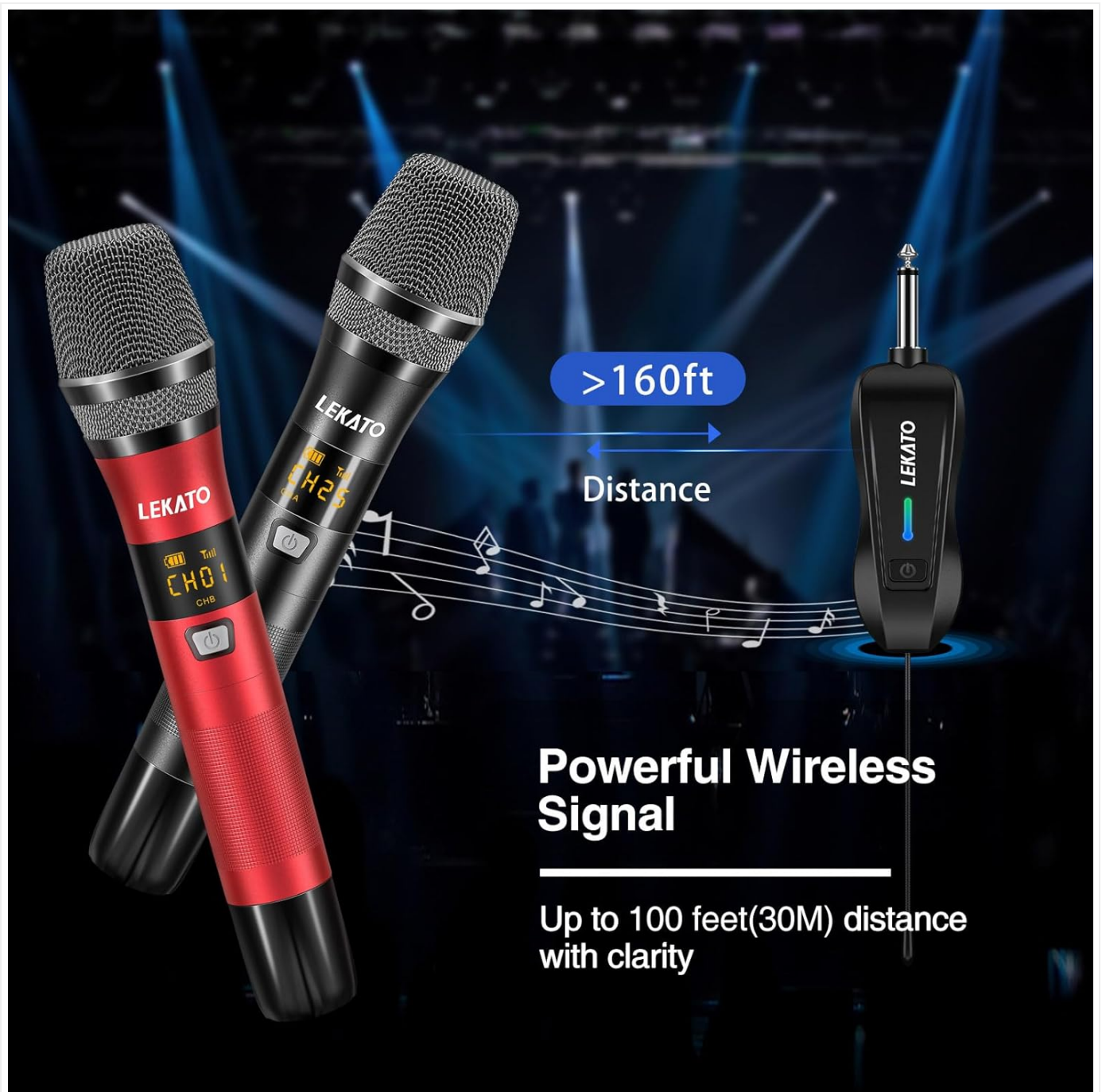


Image: A visual representation of the product contents, including two microphones, a receiver, charging cables, microphone covers, and anti-slip rings.

3. SETUP GUIDE

3.1 Initial Charging

Before first use, ensure both microphones and the receiver are fully charged. Use the provided dual USB charging cable. The battery of the microphone can last for about 8-10 hours, and the receiver's battery can last for 5-7 hours.

Easy Setup, No Need to Pair, Plug-and-Play



Image: The black and red microphones and the receiver connected to a power source via the dual USB charging cable, illustrating the charging process.

3.2 Connecting to Your Device

The LEKATO wireless microphone system is designed for plug-and-play operation. No complex pairing is required for initial setup. Simply plug the receiver into a device with a 6.35mm (1/4") or 3.5mm (1/8") MIC input.

- Insert the receiver's 1/4" plug directly into the MIC input of your karaoke machine, mixer, PA system, powered speaker, or audio amplifier.
- If your device has a 3.5mm (1/8") MIC input, use the included 1/4" to 3.5mm adapter.
- **Important:** Do not plug the receiver into an AUX jack. This system is not compatible with Bluetooth speakers, PCs, or phones.

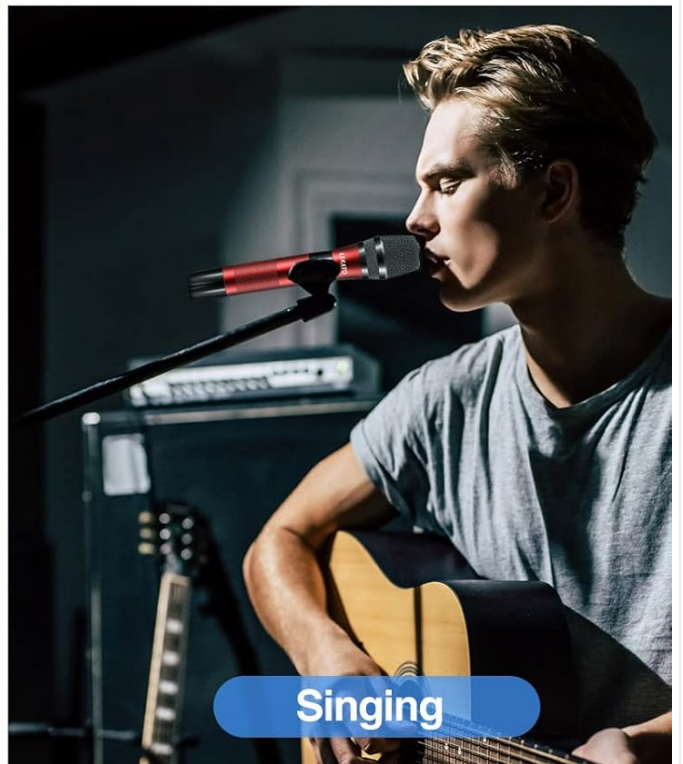
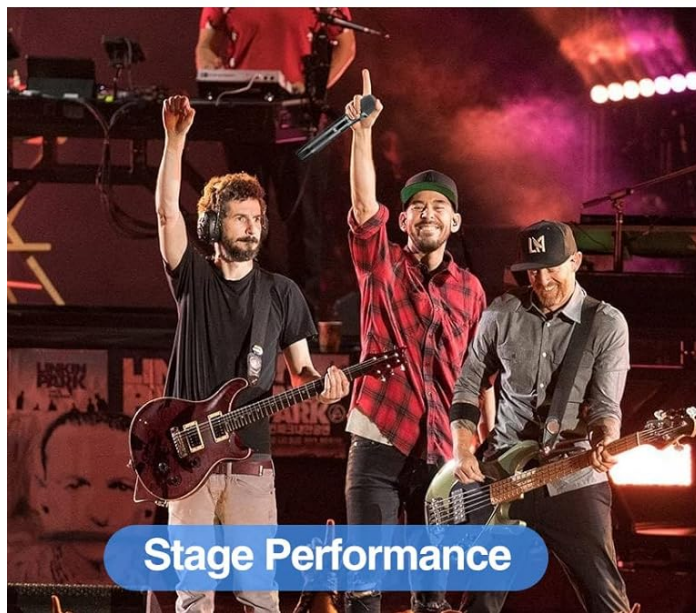


Image: A diagram illustrating compatible devices such as karaoke machines, powered speakers, amplifiers, and audio interfaces, and incompatible devices like Bluetooth speakers, PCs, and phones.

3.3 Powering On and Pairing

Once the receiver is connected and powered on, turn on each microphone. The system should automatically pair. A green light on the receiver indicates the CHB microphone is paired, and a blue light indicates the CHA microphone is paired.

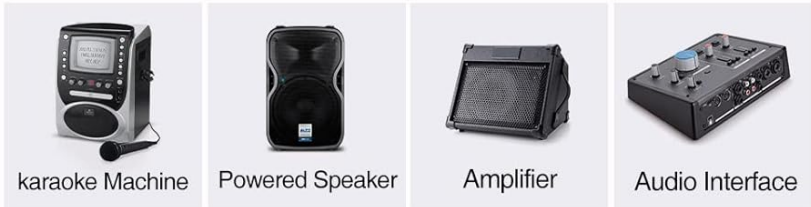
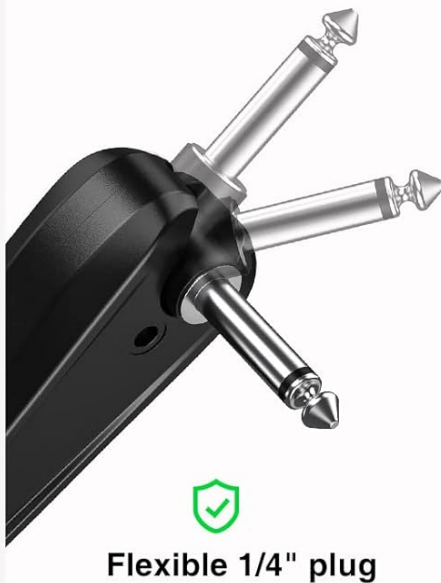
Support Multiple Multimedia Devices

Only for input devices with 6.35mm (1/4") or 3.5mm (1/8") MIC interface



If your microphone has no sound, make sure you have enough power for the microphone and receiver.

✔ Compatible with



✘ Not for



Image: A close-up of the microphone and receiver, highlighting the LED display on the microphone and the power/pairing indicators on both units.

Video: An official product video demonstrating the setup and features of the LEKATO UHF Rechargeable Wireless Microphone system, including pairing and charging.

4. OPERATING INSTRUCTIONS

4.1 Microphone Controls

Each microphone features an LED display that shows battery level, channel, and signal strength. Controls for volume and effects are located on the microphone body.

- **Power Button:** Press and hold to turn the microphone on or off.
- **CH+/CH- Buttons:** Click to change the frequency channel (CH01-CH25). This helps avoid interference signals.
- **VOL+/VOL- Buttons:** Adjust the microphone's output volume (Level 1-5).

- **EFF Button:** Cycles through available effects (0-5).
- **Re-pair:** If pairing is lost, hold the CH+ button and the Power Switch simultaneously while the microphone is in the OFF state to re-pair.

4.2 UHF Digital Technology

The system utilizes UHF professional automatic frequency technology, providing stable sound transmission and fast, constant frequency. It supports up to 25 optional frequency channels, allowing up to 25 sets to be used simultaneously in the same area by selecting different channels for each set.



Image: The LEKATO wireless microphone system demonstrating a powerful wireless signal with a distance of up to 100 feet (30 meters) with clarity.

5. MAINTENANCE

5.1 Cleaning

To maintain the longevity and performance of your microphones and receiver, regularly wipe them with a soft, dry cloth. Avoid using abrasive cleaners or solvents. For the microphone mesh, gently brush away any debris.

5.2 Battery Care

The microphones and receiver contain rechargeable Lithium Polymer batteries. To maximize battery life:

- Charge the devices fully before extended storage.
- Avoid completely draining the batteries frequently.
- Store in a cool, dry place when not in use for long periods.

5.3 Storage

When not in use, store the microphone system in a protective case or a clean, dry environment away from extreme temperatures and direct sunlight. Use the provided microphone covers and anti-slip rings to protect the microphones.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	Microphone or receiver battery low/dead. Microphone not paired with receiver. Receiver not properly connected to audio input. Incorrect input selected on audio device. Microphone volume too low.	Charge both microphones and receiver fully. Perform re-pairing procedure (hold CH+ and Power Switch in OFF state). Ensure receiver is firmly plugged into the correct MIC input (6.35mm or 3.5mm with adapter). Do not use AUX. Select the correct microphone input on your audio device. Increase microphone volume using VOL+ button.
Interference or poor sound quality	Other wireless devices operating on similar frequencies. Distance too far from receiver. Obstructions between microphone and receiver.	Change the microphone's channel using CH+/CH- buttons. Reduce the distance between the microphone and receiver (optimal range up to 100 feet). Ensure clear line of sight between microphone and receiver.
Microphone not turning on	Battery is completely drained. Power button not held long enough.	Charge the microphone for at least 30 minutes. Press and hold the power button firmly for a few seconds.

7. SPECIFICATIONS

Feature	Detail
Brand	LEKATO
Model Name	WSM-620
Connectivity Technology	UHF

Feature	Detail
Microphone Form Factor	Handheld
Polar Pattern	Unidirectional (Cardioid Pickup)
Frequency Band	UHF (530 MHz - 570 MHz)
Frequency Response	0.05 kHz - 18 kHz
Number of Channels	25
Transmission Distance	Up to 100 feet (approx. 30 meters)
Latency	3ms
Signal-to-Noise Ratio (SNR)	90 dB
Power Source	Battery Powered (2 Lithium Polymer batteries included)
Microphone Working Time	8-10 hours
Receiver Working Time	5-7 hours
Material	Metal
Item Weight	1.51 pounds (approx. 685 grams)
Product Dimensions (L x W x H)	11.81 x 2.36 x 7.48 inches

Premium Sound Quality

Noise reduction & clear sound



Hard Metal
Mesh Shell



Dynamiic
Core



Delay
 $\leq 3\text{ms}$



UHF Digital
Technology



Image: A detailed diagram showing the internal structure of the microphone head, highlighting the high-fidelity sound coil and the cardioid pickup pattern for accurate vocal capture.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official LEKATO website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Protection plans may be available for extended coverage. Please check with your retailer for details on available protection plans.