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LIANGSTAR WK300

LIANGSTAR WK300 Wireless Lavalier Microphone User Manual

Model: WK300

Introduction

The LIANGSTAR WK300 Wireless Lavalier Microphone system provides a high-quality audio recording solution for various applications, including video recording, interviews, vlogging, and live streaming. This system features automatic noise reduction, a long battery life, and broad compatibility with both iPhone and Android devices. Its plug-and-play design ensures ease of use without the need for additional apps or Bluetooth pairing.

What's in the Box

Verify that all components are present in your package:

- 2 x Transmitter Microphones
- 1 x USB-C Receiver
- 1 x Lightning Adapter
- 1 x Type-C Charging Cable
- 1 x Charging Case
- 1 x User Manual (this document)

Image: All components included in the LIANGSTAR WK300 package.

Product Overview

The LIANGSTAR WK300 system consists of two compact transmitter microphones and a receiver. The microphones are designed for versatility and high-fidelity audio capture.

Key Features:

- **Hi-Fi Sound & Automatic Noise Reduction:** Utilizes a 48kHz/24bit audio format and a 70dB signal-to-noise ratio for clear sound in various environments.
- **Extended Range & Battery Life:** Offers a stable transmission range of up to 100 feet. Each transmitter provides up to 5 hours of use, extended to 40 hours with the charging case.
- **Plug and Play:** No application or Bluetooth pairing required for operation.
- **Mute and Reverb Modes:** Features a one-button mute function and a reverb mode to enhance sound quality.
- **Wide Compatibility:** Compatible with iPhone, iPad, Android smartphones, and tablets via Type-C and Lightning ports.
- **Compact Design:** Lightweight (10g) and small, allowing for discreet placement using either a clip or magnetic attachment.

Image: The compact design of the LIANGSTAR wireless microphone, suitable for clipping onto clothing.

Image: Illustration of the magnetic and clip attachment methods for the microphone.

Image: Visual representation of the microphone's intelligent noise reduction technology.

Setup Instructions

1. **Charge the Microphones and Receiver:** Before first use, ensure both transmitter microphones and the receiver are fully charged using the provided Type-C cable and charging case. The charging case indicates battery status.
2. **Connect the Receiver:**
    - For devices with a USB-C port (e.g., Android phones, newer iPhones, iPads): Plug the USB-C receiver directly into your device's USB-C port.
    - For devices with a Lightning port (e.g., older iPhones, iPads): Attach the Lightning adapter to the USB-C receiver, then plug the combined unit into your device's Lightning port.

    Once connected, the receiver's indicator light will typically flash or turn solid, indicating it's ready for pairing.
3. **Power On Transmitters:** Press and hold the power button on each transmitter microphone until the indicator light turns on.
4. **Automatic Pairing:** The transmitters will automatically pair with the receiver. A solid green light on both the transmitter(s) and receiver indicates a successful connection and readiness for recording. No manual Bluetooth pairing or app installation is required.

Image: Compatibility diagram showing how to connect the receiver to different smartphone and tablet types.

Image: Visual guide for the easy plug-and-play setup of the microphone system.

Your browser does not support the video tag.

Video: Official LIANGSTAR demonstration of the wireless lavalier microphone setup and features.

Operating Instructions

1. **Placement:** Clip the transmitter microphone to your clothing, ideally within 6-12 inches of your mouth, for optimal sound capture. The magnetic attachment can also be used for discreet placement.
2. **Recording:** Once paired, open your device's camera or recording application and begin recording. The microphone will automatically capture audio.
3. **Mute Function:** Press the power button on the transmitter microphone once to mute the audio. The indicator light will flash red and green alternately. Press again to unmute.
4. **Reverb Mode:** To activate the reverb effect, press the designated reverb button (if available, or a specific combination of buttons as per the physical device design). The indicator light will turn orange. This mode can enhance vocal presence. Press again to deactivate.
5. **Monitoring (if supported by device):** Some devices allow real-time audio monitoring through headphones connected to the device's audio jack (if available) or through the receiver's monitoring port (if present).
6. **Power Off:** To turn off the transmitter microphone, press and hold the power button until the indicator light turns off. Unplug the receiver from your device when not in use.

Image: The microphone in use, highlighting its 100-foot wireless transmission range.

Image: Battery life details, showing 5 hours per microphone and 40 hours total with the charging case.

Image: Examples of multiple application scenarios for the wireless microphone.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Avoid using liquids or abrasive cleaners.
- **Storage:** Store the device in its charging case when not in use to protect it from dust and physical damage. Store in a cool, dry place.
- **Battery Care:** To prolong battery life, avoid fully discharging the batteries frequently. Charge the device regularly, even if not in constant use.
- **Avoid Extreme Conditions:** Do not expose the device to extreme temperatures, direct sunlight, or high humidity.

Troubleshooting

Problem	Possible Cause	Solution
No sound or low volume	◦ Microphone not powered on. ◦ Not paired correctly. ◦ Receiver not fully inserted. ◦ Device volume too low. ◦ Microphone muted.	◦ Ensure transmitter is powered on (solid green light). ◦ Re-plug the receiver and power cycle the transmitter(s) to re-pair. ◦ Ensure the receiver is firmly connected to your device's port. ◦ Increase the volume on your recording device. ◦ Press the mute button to unmute (indicator light should be solid green).
Poor sound quality / Excessive noise	◦ Microphone too far from the sound source. ◦ Environmental interference. ◦ Reverb mode accidentally activated.	◦ Position the microphone closer to the speaker (6-12 inches recommended). ◦ Move away from strong electromagnetic sources. ◦ Deactivate reverb mode (indicator light should not be orange).
Microphone not pairing	◦ Transmitter or receiver battery low. ◦ Receiver not recognized by device. ◦ Out of range.	◦ Charge both components fully. ◦ Ensure the receiver is correctly inserted and your device supports external microphones. ◦ Ensure the transmitter is within 100 feet of the receiver in an unobstructed environment.
Short battery life	◦ Not fully charged. ◦ Aging battery.	◦ Ensure the microphones and charging case are fully charged before use. ◦ Contact customer support if battery life significantly degrades over time.

Specifications

Feature	Detail
Brand	LIANGSTAR

Feature	Detail
Model Name	WK300
Connectivity Technology	2.4GHz Wireless
Connector Type	USB Type-C and Lightning
Compatible Devices	Android smartphones, iPhone, iPad, Tablets
Special Feature	Magnetic attachment, Noise Reduction, Mute Button, Reverb Mode
Microphone Form Factor	Lavalier (1.18 x 1.18 x 0.43 inches)
Polar Pattern	Omnidirectional
Signal-to-Noise Ratio	70 dB
Frequency Response	48 KHz (20Hz-20KHz range)
Transmission Range	Up to 100 feet (unobstructed)
Transmitter Battery Life	Up to 5 hours per charge
Total Battery Life (with case)	Up to 40 hours
Item Weight	200 Grams (total package)

Warranty and Support

The LIANGSTAR WK300 Wireless Lavalier Microphone comes with a**1-year warranty** from the date of purchase.
For technical support, warranty claims, or any questions regarding your product, please contact LIANGSTAR customer service through the retailer's platform or visit the official LIANGSTAR website for contact information.
Please retain your proof of purchase for warranty service.

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