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› [Hollyland](#) /

› [Hollyland Lark A1 Wireless Microphone User Manual](#)

Hollyland LARK A1 Mini Duo (USB-C RX)

Hollyland Lark A1 Wireless Microphone User Manual

Model: LARK A1 Mini Duo (USB-C RX) | Brand: Hollyland

INTRODUCTION

The Hollyland Lark A1 is a compact, high-fidelity wireless microphone system designed for mobile content creators. It offers studio-grade audio capture, intelligent noise cancellation, and versatile sound customization, making it ideal for vlogging, podcasting, live streaming, and more. This manual provides essential information for setting up, operating, and maintaining your Lark A1 system.

WHAT'S IN THE BOX



The Hollyland Lark A1 Mini Duo package includes two transmitters, one USB-C receiver, a charging dock, a USB-A to USB-C cable, two magnets, two furry windshields, a carrying bag, a quick guide, and a warranty card.

- Transmitters (TX) x2
- USB-C Receiver (RX) x1
- Charging Dock x1
- USB-A to USB-C Cable x1
- Magnets x2
- Furry Windshields x2
- Carrying Bag x1
- Quick Guide x1
- Warranty Card x1

PRODUCT OVERVIEW

Studio-Grade Audio Quality

Pure Sound Unmatched Clarity



120 dB
Sound Pressure Level

48 kHz
Sampling Rate

24 -bit
Bit Depth

The Lark A1 captures audio at 48kHz/24-bit, delivering clear and crisp sound. It can handle sudden noises up to 120dB SPL without distortion, ensuring high-fidelity recordings.

3-Level Intelligent Noise Cancellation

3-Level Intelligent Noise Cancellation



Strong

Medium

Weak

STRONG



MEDIUM



WEAK



Equipped with adaptive noise reduction, the Lark A1 offers three levels (Weak, Medium, Strong) to filter out ambient sounds like wind, traffic, or room echoes, providing cleaner audio in various environments.

Extended Battery Life

Record All-Day 18-Hour Marathon Battery

18H battery life is based on laboratory test data from alternating use of a single TX device (no charging case)



Max Duration

9H TX (with noise cancellation off)

Max Duration

6.5H TX (with noise cancellation on)

Each transmitter provides up to 9 hours of battery life with noise cancellation off, and 6.5 hours with noise cancellation on. The charging case extends the total operating time to up to 54 hours when alternating between two transmitters.

Ultra-Light and Discreet Design

Ultra-Light Incredibly Discreet

TX Weighs Only

8g

Thickness Only

0.9cm

Magnetic Attachment



Weighing only 8 grams and with a thickness of 0.9 cm, the transmitters are incredibly light and discreet. They attach magnetically, ensuring comfortable and unobtrusive wear.

200m (650ft) Wireless Range

200m (650ft) LOS Range

Designed for creators who need ultimate flexibility, the LARK A1 delivers an impressive 200m (650ft) transmission range.



The system offers a robust transmission range of up to 200 meters (650 feet) in line-of-sight conditions, with anti-interference technology for stable connections.

Auto-Limit Clip Protection

Auto-Limit Clip Protection

The LARK A1 doesn't just suppress sudden noise—it intelligently balances excessive volume levels to maintain consistent audio stability and clarity across dynamic ranges.



The Lark A1 intelligently balances excessive volume levels to maintain consistent audio stability and clarity across dynamic ranges, preventing audio clipping.

Customizable Sound with EQ & Reverb

EQ & Reverb Adjustment

Fine-tune your audio with the LARK A1's expert EQ presets: Balance, Low, and Bright. Enhance your recordings further with adjustable Reverb: Small, Medium, or Large.



Fine-tune your audio with three EQ presets (Balance, Low, Bright) and three Reverb modes (Small, Medium, Large) via the LarkSound app.

SETUP

Initial Setup and Connection

The Hollyland Lark A1 is designed for plug-and-play operation. To begin, ensure your transmitters are charged using the provided charging dock.

1. Open the charging case and remove the USB-C Receiver (RX) and the Transmitters (TX).
2. Plug the USB-C Receiver directly into the USB-C port of your iPhone or Android device. The receiver will

automatically power on.

3. The transmitters will automatically pair with the receiver once removed from the charging case. A solid blue indicator light on the transmitters confirms successful pairing.
4. Attach the transmitters to your clothing using the magnetic clips, ensuring the microphone is facing upwards for optimal audio capture.
5. For outdoor use or windy conditions, attach the furry windshields to the transmitters to minimize wind noise.

LarkSound App Installation (Optional)

For advanced control and customization, download the LarkSound app from your device's app store (App Store for iOS, Google Play Store for Android). The app allows you to adjust gain levels, noise cancellation, EQ, and reverb settings.

OPERATING INSTRUCTIONS

Transmitter Controls

- **Single Press (Yellow Button on RX, Black Button on TX):** Toggles noise cancellation on/off.
- **Double Press (Black Button on TX):** Mutes/unmutes the individual transmitter.
- **Triple Press (Black Button on TX):** Starts/stops recording on the connected device (if supported by the recording app).

LarkSound App Usage

The LarkSound app provides a comprehensive interface for managing your microphone system:

- **NC Level:** Adjust the intensity of noise cancellation (Low, Medium, High).
- **Volume Adjustment:** Fine-tune the audio gain with 6 adjustable levels.
- **Channel Mode:** Select between Mono or Stereo recording modes.
- **Mic Mute:** Mute individual microphones (Mic 1, Mic 2).
- **EQ Adjustment:** Apply equalization presets (Equalization, Low, Bright) to shape your sound.
- **Reverb Adjustment:** Add reverb effects (Small, Medium, Large) for spatial audio.
- **Indicator Light Switch:** Toggle transmitter indicator lights on/off.
- **Schedule Power Off:** Set a timer for automatic power off (e.g., 15 minutes, Never).

Recording with Your Device

Once the receiver is plugged in and transmitters are paired, your device will automatically recognize the Lark A1 as the audio input. You can then use your preferred camera or recording app to capture audio.

Your browser does not support the video tag.

Official product video demonstrating the setup and features of the Hollyland Lark A1 microphone system. This video provides a visual guide to connecting the receiver to a smartphone and using the transmitters.

MAINTENANCE

- Keep the devices clean using a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the microphone system in its carrying bag when not in use to protect it from dust and physical damage.
- Ensure the charging contacts on the transmitters and charging dock are clean and free of debris for efficient

charging.

- Avoid exposing the devices to extreme temperatures, humidity, or direct sunlight.

TROUBLESHOOTING

No Audio Recording

- **Check Connection:** Ensure the USB-C receiver is fully and correctly inserted into your device's port.
- **Check Pairing:** Verify that the transmitters are paired with the receiver (solid blue indicator light). If not, place them back in the charging case briefly to re-pair.
- **Check Battery:** Ensure both transmitters and the charging case have sufficient battery charge.
- **Mic Mute:** Confirm that the microphones are not muted via the physical button or the LarkSound app.
- **App Compatibility:** Some third-party recording apps might require specific audio input settings. Check your app's settings.

Poor Audio Quality / Excessive Noise

- **Noise Cancellation:** Adjust the NC Level in the LarkSound app. Experiment with Weak, Medium, or Strong settings based on your environment.
- **Windshields:** Use the furry windshields in windy outdoor conditions.
- **Placement:** Ensure the transmitter is positioned correctly on your clothing, facing upwards, and not obstructed.
- **Gain Adjustment:** Adjust the Volume Adjustment in the LarkSound app. Too high gain can introduce distortion, too low can result in faint audio.
- **Interference:** Move away from strong electromagnetic interference sources.

Limited Wireless Range

- **Line of Sight:** Ensure there are no major obstructions between the transmitter and receiver.
- **Interference:** Avoid areas with high Wi-Fi traffic or other 2.4GHz devices that might cause interference.

SPECIFICATIONS

Feature	Specification
Maximum Frequency	48 KHz
Microphone Form Factor	Mini
Item Dimensions (L x W x H)	4.25 x 3.74 x 1.69 inches
Power Source	Battery Powered
Number of Batteries	2 C batteries required (included)
Signal-to-Noise Ratio	67 dB
Number of Channels	2
Noise Level	120 dB

Item Weight	4.6 ounces
Item Model Number	M18T, M18R1
Battery Type	Lithium Ion
Connectivity Technology	2.4GHz
Connector Type	USB
Compatible Devices	Smartphone
Audio Sensitivity	12 dB

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the Warranty Card included in your product package or visit the official Hollyland website.

A digital version of the user manual is available for download: [User Manual \(PDF\)](#)