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Hollyland Lark A1

Hollyland Lark A1 Wireless Microphone System User Manual

Model: Lark A1 Duo (USB-C RX + Charging Case)

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Hollyland Lark A1 Wireless Microphone System. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

The Hollyland Lark A1 is a compact and lightweight wireless microphone system designed for high-quality audio recording with smartphones and other compatible devices. It features 48kHz/24-bit audio capture, intelligent noise cancellation, and a long-lasting battery, making it suitable for vlogging, podcasting, live streaming, and more.



Figure 1: Hollyland Lark A1 Wireless Microphone System (Duo USB-C RX + Charging Case)

2. PACKAGE CONTENTS

Verify that all items are present in your package:

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

Duo Version (USB-C)



Charging Case x 1



Transmitter x 2



USB-C Receiver x 1



Furry Windshield x 2

Carrying Bag x 1



USB-A to USB-C Cable x 1



Magnet x2



Figure 2: Included Components for Lark A1 Duo (USB-C)

3. SETUP GUIDE

3.1 Charging the Device

Before first use, fully charge the transmitters and the charging case. Place the transmitters into the charging case. Connect the charging case to a USB power source using the provided USB-A to USB-C cable. The charging indicators on the transmitters and case will show charging status.

Record All-Day 54-Hour Marathon Battery

54H battery life is based on laboratory test data from alternating use of a single TX device (with charging case)



Max Duration

9H

TX (with noise cancellation off)

Max Duration

6.5H

TX (with noise cancellation on)

Up to

2 Times

Full charge

Up to

54H

Battery life

Figure 3: Charging and Battery Life Overview

3.2 Connecting to Your Device

1. Ensure the receiver (RX) is fully charged.
2. Plug the USB-C receiver directly into the USB-C port of your smartphone or compatible device.
3. The transmitters (TX) will automatically pair with the receiver upon powering on.
4. For optimal performance, ensure your device's audio input settings are configured to use the external microphone.

The Lark A1 is compatible with a wide range of devices including iPhones (15/16/17 series), Android smartphones,

tablets, Windows computers, and Mac computers.



Figure 4: Device Compatibility

3.3 Attaching the Transmitter

The transmitters are ultra-light and feature a magnetic attachment system. Simply place the transmitter on your clothing, such as a collar, and secure it with the provided magnet on the inside of the fabric. This ensures a discreet and stable placement.

Ultra-Light Incredibly Discreet

TX Weighs Only

8g

Thickness Only

0.9cm

Magnetic Attachment



Figure 5: Discreet Magnetic Attachment

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The transmitters and receiver typically power on automatically when removed from the charging case and connected, respectively. To manually power on/off, refer to the quick guide for specific button functions.

4.2 Noise Cancellation

The Lark A1 features 3-level intelligent noise cancellation (Weak, Medium, Strong) to filter out ambient sounds like wind or traffic. This can be adjusted via the LarkSound app or by pressing the dedicated button on the transmitter (refer to quick guide for button layout).

3-Level Intelligent Noise Cancellation



Strong

Medium

Weak

STRONG



MEDIUM



WEAK



Figure 6: 3-Level Intelligent Noise Cancellation

4.3 EQ & Reverb Adjustment

Customize your audio with three EQ presets (Balance, Low, Bright) and three Reverb modes (Small, Medium, Large). These settings can be accessed and adjusted through the LarkSound app to fine-tune your sound for different recording environments or desired effects.

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.



Figure 7: EQ & Reverb Adjustment Interface

4.4 Gain Control

Adjust the microphone sensitivity with 6-level gain control via the LarkSound app. This allows you to optimize audio levels for various scenarios, from quiet whispers to loud environments.



Figure 8: 6-Level Gain Adjustment via App

4.5 Auto-Limit Clip Protection

The Lark A1 features auto-limit clip protection, which intelligently balances excessive volume levels to maintain consistent audio stability and clarity, preventing distortion from sudden loud noises.

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.



Figure 9: Auto-Limit Clip Protection

4.6 Wireless Range

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

200m (650ft) LOS Range

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



Figure 10: 200m (650ft) Wireless Range

4.7 Using While Charging & Playback

The receiver allows you to charge your phone while using the Lark A1 simultaneously. Additionally, you can seamlessly play back recorded audio without needing to unplug the receiver.



5. MAINTENANCE

5.1 Cleaning

Wipe the devices with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials. Ensure no moisture enters the ports or microphone grilles.

5.2 Storage

When not in use, store the transmitters and receiver in the charging case. Keep the charging case and its contents in a cool, dry place, away from direct sunlight and extreme temperatures.

5.3 Furry Windshields

Attach the furry windshields to the transmitters when recording outdoors or in windy conditions to minimize wind noise. Remove them when not needed for indoor use.

6. TROUBLESHOOTING

- **No Sound/Low Volume:**

- Ensure the receiver is fully inserted into your device's port.
- Check your device's audio input settings to confirm the external microphone is selected.
- Verify that the transmitters are powered on and paired (indicated by LED status).
- Adjust the gain level via the LarkSound app.

- **Intermittent Connection/Dropouts:**

- Ensure the distance between the transmitter and receiver is within the specified 200m (650ft) range.
- Minimize obstacles (walls, large metal objects) between the transmitter and receiver.
- Avoid areas with strong Wi-Fi or other 2.4GHz interference.

- **Poor Audio Quality/Distortion:**

- Check if noise cancellation is set too high for the environment, which can sometimes affect natural sound.
- Ensure the furry windshields are properly installed in windy conditions.
- Adjust EQ settings in the LarkSound app.
- The auto-limit clip protection should prevent distortion from loud sounds, but ensure the gain is not excessively high.

- **Device Not Charging:**

- Ensure the USB-C cable is securely connected to both the charging case and the power source.
- Try a different USB-C cable or power adapter.
- Clean the charging contacts on the transmitters and inside the charging case.

7. SPECIFICATIONS

Feature	Specification
Model Name	LARK A1 Duo
Model Numbers	M18T, M18R1, M18C2
Brand	Hollyland
Microphone Form Factor	Mini
Connectivity Technology	2.4GHz Wireless
Connector Type (Receiver)	USB-C
Audio Sampling Rate	48 kHz
Bit Depth	24-bit
Sound Pressure Level (SPL)	Up to 120 dB
Signal-to-Noise Ratio (SNR)	67 dB
Number of Channels	2
Wireless Range	200m (650ft) Line-of-Sight
Battery Life (TX with charging case)	Up to 54 hours (alternating use)
Transmitter Weight	8g
Transmitter Thickness	0.9cm
Dimensions (Product)	4.29 x 3.46 x 2.52 inches
Item Weight	0.2 Kilograms / 7 ounces

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your Hollyland Lark A1 Wireless Microphone System comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions. Retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or further inquiries, please visit the official Hollyland support website or contact their customer service. You can find more information and resources at the [Hollyland Store on Amazon](#).

 LARK M2S User Manual	<p><u>Hollyland LARK M2S User Manual: Wireless Microphone System Guide</u></p> <p>Comprehensive user manual for the Hollyland LARK M2S wireless microphone system, covering setup, features, specifications, and troubleshooting for various combos like Ultimate, Combo, Mini Combo, and USB-C Plug versions.</p>
 LARK M2 User Manual	<p><u>Hollyland LARK M2 User Manual: Wireless Microphone System Guide</u></p> <p>Explore the Hollyland LARK M2 wireless microphone system with this user manual. Learn about its features, setup, usage for mobile and camera, and technical specifications for optimal audio recording.</p>
 LARK M2 User Manual	<p><u>Hollyland LARK M2 User Manual</u></p> <p>User manual for the Hollyland LARK M2 wireless microphone system, detailing product overview, usage instructions for mobile and camera versions, indicator descriptions, and specifications.</p>
 LARK C1 User Manual	<p><u>Hollyland Lark C1 Wireless Microphone System User Manual V2.0</u></p> <p>Comprehensive user manual for the Hollyland Lark C1 wireless microphone system, covering packing lists, product introduction, installation, functions, parameters, app usage, support, safety precautions, and FCC requirements.</p>
 LARK A1 User Manual	<p><u>Hollyland Lark A1 User Manual</u></p> <p>User manual for the Hollyland Lark A1 wireless microphone system, detailing TX (transmitter) and RX (receiver) functions, charging, firmware updates, and app integration.</p>
 LARK MAX 2 4 Mic & 1 RX Quick Guide	<p><u>Hollyland LARK MAX 2 4 Mic & 1 RX Quick Guide - Wireless Microphone System</u></p> <p>This quick guide provides essential information for setting up and using the Hollyland LARK MAX 2 wireless microphone system, featuring 4 microphones and 1 receiver. It covers wearing methods, accessory installation, device compatibility, connection procedures for cameras and phones, recommended settings, time synchronization, 32-bit recording, app integration, and support contact details.</p>