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Hollyland LARK A1 Combo

Hollyland Lark A1 Wireless Mini Microphone User Manual

Model: LARK A1 Combo

INTRODUCTION

The Hollyland Lark A1 Wireless Mini Microphone system is designed for content creators using smartphones, offering high-quality audio capture with advanced features. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

WHAT'S IN THE BOX

- Transmitters x2
- Lightning Receiver x1, USB-C Receiver 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

Combo Version



Figure 1: All components included in the Hollyland Lark A1 Combo package.

COMPONENT INTRODUCTION

Charging Case

The charging case serves as both storage and a portable power bank for your Lark A1 system. It can provide up to two full charges for the transmitters and receivers.



Figure 2: The compact charging case for the Lark A1 system.

Receivers (RX)

The kit includes both a USB-C receiver and a Lightning receiver, ensuring compatibility with a wide range of smartphones and devices. Simply plug the appropriate receiver into your phone's charging port.

Pure Sound Unmatched Clarity



120 dB

Sound Pressure Level

48 kHz

Sampling Rate

24 -bit

Bit Depth

Figure 3: USB-C and Lightning receivers for broad device compatibility.

Transmitters (TX)

The mini transmitters are ultra-light (8g) and discreet (9mm thick), attaching magnetically to clothing for unobtrusive recording. They capture high-quality 48kHz/24-bit audio.

Ultra-Light Incredibly Discreet

TX Weighs Only

8g

Thickness Only

0.9cm

Magnetic Attachment



Figure 4: The compact transmitter with magnetic attachment.

Furry Windshields & Magnets

Two furry windshields are included to reduce wind noise, especially useful for outdoor recording. The strong magnets ensure secure attachment of the transmitters to your clothing.

Combo Version



Figure 5: Accessories for enhanced audio quality and secure wearing.

SETUP & OPERATING GUIDE

How to Connect

The Lark A1 system is designed for plug-and-play operation. Simply take the transmitters and receivers out of the charging case. They will automatically power on and pair. Plug the appropriate receiver (USB-C or Lightning) into your smartphone. A solid blue light on both devices indicates a successful connection and readiness to record.

How to Wear the Microphone

Attach the transmitter to your clothing using the magnetic clip. For optimal voice capture, position the microphone near your collar. If projecting loudly, such as for public speaking, move it slightly lower to your upper chest. Always ensure the microphone pickup hole faces upward for studio-quality sound.

Basic Controls (on device)

- **Power On/Off:** Press and hold the power button on the transmitter for 3 seconds.
- **Noise Cancellation:** Single-click the button on the transmitter to toggle noise cancellation on or off.
- **Mute/Unmute:** Double-click the button on the transmitter to mute or unmute the microphone.
- **Start/Stop Recording:** Triple-click the button on the transmitter when connected to your phone's receiver to start or stop recording, or even take photos in your native camera app.

ADVANCED FEATURES

3-Level Intelligent Noise Cancellation

The Lark A1 offers adaptive noise reduction with Weak, Medium, and Strong settings to filter out environmental sounds like wind, traffic, and room echoes. This ensures clear audio in various recording environments.

3-Level Noise Cancellation On Your Terms



Strong

Medium

Weak

STRONG



MEDIUM



WEAK



Figure 6: Adjusting noise cancellation levels for different environments.

Customizable Sound with EQ & Reverb

Fine-tune your audio with 3 EQ presets (Balance, Low, Bright) and 3 Reverb modes (Small, Medium, Large) via the LarkSound app. Sculpt clarity, depth, and texture for podcasts, ASMR, or filmmaking.

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: The LarkSound app interface for EQ and Reverb adjustments.

Auto-Limit Clip Protection

The system intelligently balances excessive volume levels to maintain consistent audio stability and clarity across dynamic ranges, preventing distortion caused by abrupt volume changes during recording.

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 8: Visual representation of auto-limit clip protection in action.

6-Level Gain Control via App

Adjust microphone sensitivity from whispers to shouts effortlessly with the LarkSound app's 6-level gain control, providing smart flexibility for any scenario.



Figure 9: LarkSound app interface for precise gain adjustment.

Extended Battery Life & Wireless Range

Achieve up to 54 hours of battery life using one transmitter alternately with the charging case. Record up to 200m (650ft) with anti-interference technology, ensuring dropout-free transmission.

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 10: Battery life and wireless range capabilities.

APP INTRODUCTION

The LarkSound app provides comprehensive control over your Lark A1 microphone settings, including noise reduction levels, EQ and Reverb adjustments, gain control, and battery status monitoring.

Video 1: Official Hollyland LARK A1 Tutorial Video, demonstrating app features and usage.

SPECIFICATIONS

Feature	Specification
Brand	Hollyland
Model Name	LARK A1 Combo
Item Dimensions (L x W x H)	4.29 x 3.46 x 2.52 inches
Item Weight	7.4 ounces
Power Source	Battery Powered
Number of Batteries	3 C batteries required (included)
Signal-to-Noise Ratio	67 dB
Noise Level	120 dB
Connectivity Technology	2.4GHz
Compatible Devices	Smartphone

TROUBLESHOOTING

- **No Sound/Low Volume:** Ensure the receiver is fully plugged into your device. Check the gain settings in the LarkSound app and adjust as needed. Verify the microphone is not muted.
- **Interference/Dropouts:** Ensure you are within the 200m (650ft) wireless range. Minimize obstacles between the transmitter and receiver. Check for strong Wi-Fi or other 2.4GHz devices nearby that might cause interference.
- **Battery Issues:** Ensure the charging case and units are fully charged. If units are not charging, check the USB-C cable connection to the case.
- **Pairing Problems:** If units do not auto-pair, ensure they are powered on. Refer to the app for manual pairing instructions if necessary.

WARRANTY & SUPPORT

Hollyland products come with a manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions. For further support, visit the [Hollyland Official Store](#) or contact their customer service.