



# LARK M2

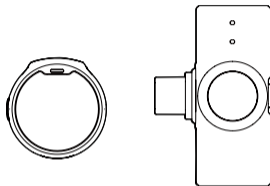
User Manual

V1.0

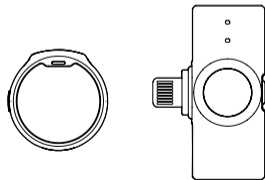


# Product Version Overview

## LARK M2 Solo (Android)

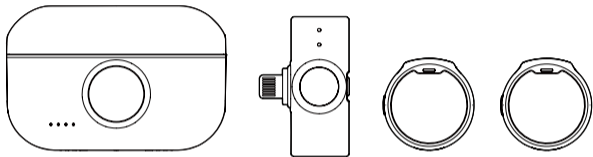


## LARK M2 Solo (iOS)

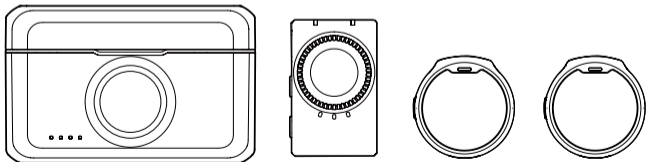


# Product Version Overview

## LARK M2 Duo (iOS)

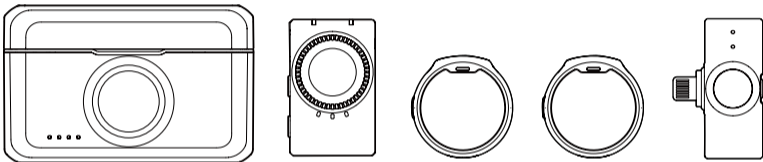


## LARK M2 Duo (Camera)



## Product Version Overview

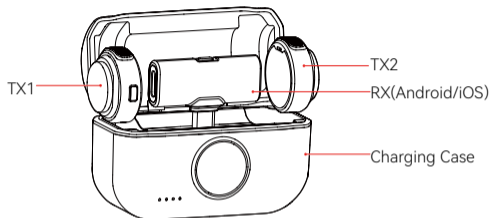
### LARK M2 Combo



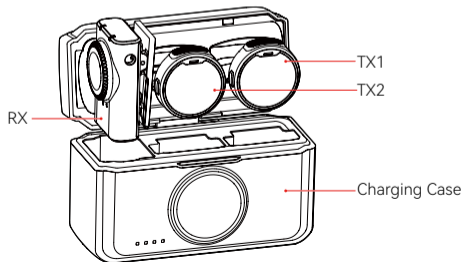
\* The quantity of the items depends on the product configuration.

# Interface Description

## Mobile Version

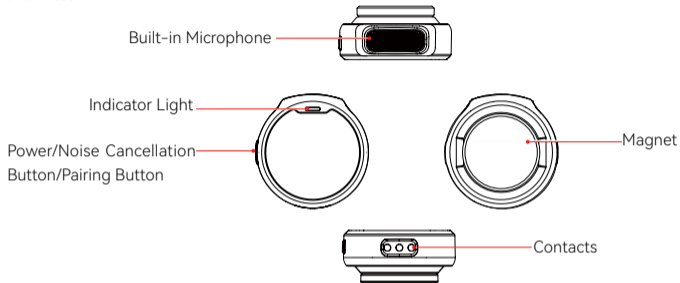


## Camera Version

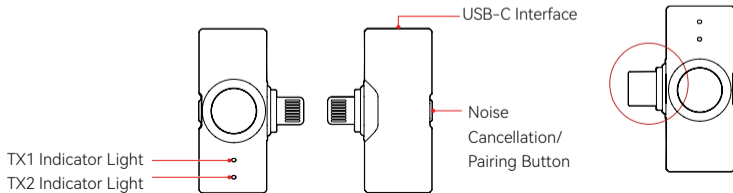


# Interface Description

## TX: Transmitter



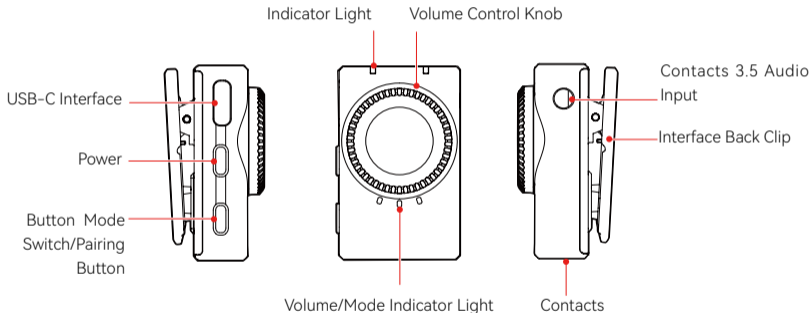
## Mobile Version RX: Receiver (iOS/Android)



\*The plug interface varies between Android and iOS versions.

# Interface Description

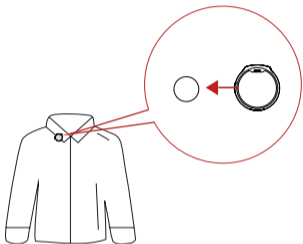
## Camera Version RX: Receiver



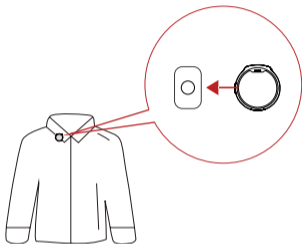


## Mobile Version Installation and Connection Guide

- ① Preferred Placement for TX: Attach it to your collar. If you speak loudly, place it higher up on your chest. Use either a clip or magnet for attachment.



- a. Place the magnet on the inside of your collar and attach the TX to the magnet on the outer side.



- b. Firstly, clip the back clip to your collar and attach the TX to the clip.

- \* If the volume of the recorded voice is fluctuating, it's probably because the microphone isn't placed properly. So, make sure that the microphone is unobstructed. If you're recording outside, use a windscreen to minimize wind and breath noise.

# Mobile Version Installation and Connection Guide

Connect RX (iOS) to iPhone

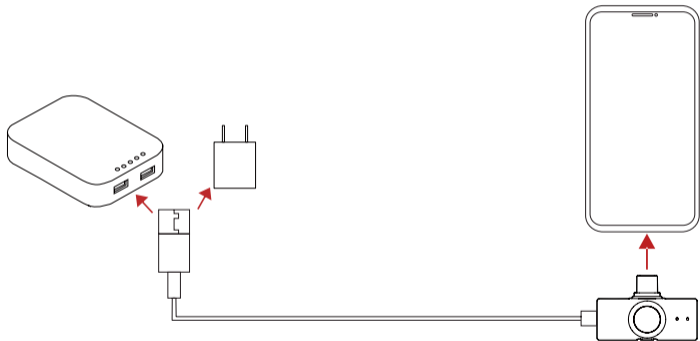


Connect RX (Android) to Android Phone



## Mobile Version Installation and Connection Guide

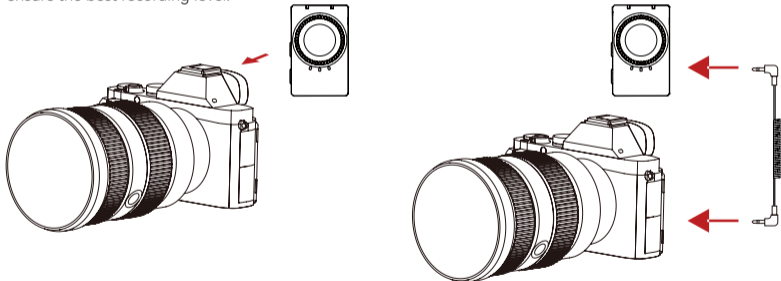
Charge your mobile device with RX while using it.



# Camera Version Installation and Connection Guide

## Connecting Receiver to Camera

1. Attach the receiver to a camera via the hot shoe or cold shoe using the back clip.
2. Connect the 3.5mm audio output interface on the receiver to the 3.5mm audio input interface on the camera using a 3.5mm TRS to TRS cable.
3. Set the recording volume of the camera to the lowest and the output volume of the receiver to the medium to ensure the best recording level.



\* Optional: USB-C to USB-C or USB-C to Lightning cables are available for connecting to smartphones.

# Product Indicator Lights Guide

## TX Indicator Lights

Description	Status
Blue light flashing	TX and RX not connected
Blue light steady	TX and RX connected
Green light steady (In use)	Noise Cancellation ON
Pink light steady	TX updating
Orange light steady	TX charging
Green light steady (While charging)	TX fully charged
Red light flashing slowly	TX low battery

## Mobile Version RX Indicator Lights

Description	Status
Blue light flashing	TX and RX not connected
Blue light steady	TX and RX connected
Green light steady (In use)	Noise Cancellation ON
Pink light steady	RX updating
Red light flashing slowly	TX low battery

## Camera Version RX Indicator Lights

Description	Status
Blue light flashing	TX and RX not connected

## Product Indicator Lights Guide

Blue light steady	TX and RX connected
Green light steady (In use)	Noise Cancellation ON
Pink light steady	RX updating
Orange light steady	RX charging
Green light steady (While charging)	RX fully charged
Red light flashing slowly	TX low battery
RX two red lights flashing quickly	RX low battery
Blue light steady (Volume/Mode Indicator)	Stereo
Green light steady (Volume/Mode Indicator)	Mono
One light steady (Volume/Mode Indicator)	Low volume
Two lights steady (Volume/Mode Indicator)	Medium volume
Three lights steady (Volume/Mode Indicator)	High volume

### Charging Case Indicator Lights

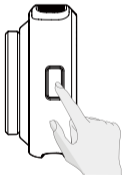
One LED ON	Charging case at 25% battery
Two LEDs ON	Charging case at 50% battery
Three LEDs ON	Charging case at 75% battery
Four LEDs ON	Charging case at 100% battery
One LED ON, steady red	Low battery. The transmitter and the receiver cannot be charged using the charging case.
One LED steady when connected to USB	Charging case is charging
Four LEDs sequence on	Charging case updated

### Automatic On/Off

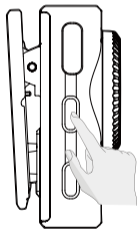
Remove the device from the charging case to turn on automatically. Place the device back in the case to turn off automatically.

### Manual On/Off

Press and hold the TX power button, or the Camera Version RX power button for 3 seconds: To turn on/off



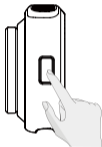
Press and hold the TX power button for 3 seconds



Press and hold the RX power button for 3 seconds

## Noise Cancellation

1. Press the noise cancellation button on the TX to turn noise cancellation on or off. When activated, the TX status light turns green.

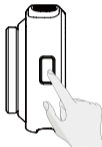


2. Press the noise cancellation button on the mobile version RX to turn noise cancellation on or off. When activated, the RX status light turns green.



## Manual Pairing

1. With the TX turned off, press and hold the pairing button for 6 seconds to start pairing. The TX status light will quickly flash blue when in pairing mode.

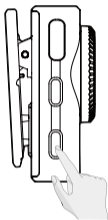


2. For mobile version RX, connect to a phone and hold the pairing button for 3 seconds to start pairing. The RX status light will quickly flash blue when in pairing mode.





3. With the camera version RX turned on, hold the pairing button for 3 seconds to start pairing.



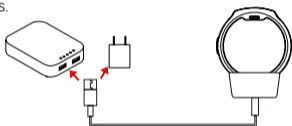
\*The transmitter and the receiver pre-paired from the factory.

### Automatic Charging

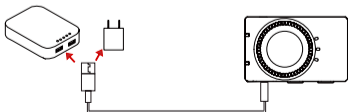
When the TX status light slowly flashes red or both status lights on the camera RX flash red quickly, place them in the charging box. The status lights will turn solid orange during charging and solid green once fully charged.

### Manual Charging

When the TX status light slowly flashes red or both status lights on the camera RX flash red quickly, use the magnetic charger to charge the TX. The light will remain solid orange during charging and turn green once fully charged, going off after approximately 0.5 hours.

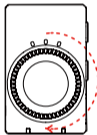


When both status lights on the camera RX flash red quickly, charge the RX using the charging cable. The RX status light will be solid orange during charging and turn green when fully charged, going off after approximately 0.5 hours.

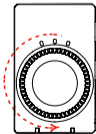


### Volume Adjustment - Only Supported by Camera Version RX

Default volume setting is medium, with low, medium, and high options. Turn the volume knob clockwise to increase volume.



Turn the volume knob counterclockwise to decrease volume.

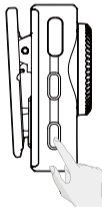


### Mode Switching - Only Supported by Camera Version RX

Connect to Smartphone: Green light on, supports only mono mode.

Connect to Camera: Blue light on for stereo mode, green light on for mono mode.

Press the RX mode switch button to switch modes.



#### Note:

1. The mobile version only supports mono mode.
2. It is recommended to use only one RX at a time for the combo version. Using two RX simultaneously is not supported.

## LARK SOUND

The LARK SOUND app is available for download on Xiaomi, Huawei, and Apple App Stores. Official QR code scanning is also supported.

\* For the camera version, you need to purchase a USB-C to USB-C or USB-C to Lightning cable to use the app on your smartphone.



## LARK SOUND

The LARK SOUND app is a perfect match for Hollyland wireless microphones. With the app, you'll have access to a range of smart features, such as parameter configurations and firmware updates, that work together seamlessly to enhance your microphone performance.



Requires iOS 12.0 or higher



Requires Android 8.0 or higher



## Specifications

Mic Sensitivity	-37dBFS±2dB@1 kHz, 94dB SPL
Modulation Mode	GFSK
Wireless Transmission	2.4GHz
Transmission Range	Mobile Version: Up to 984ft (300m) for LOS/197ft (60m) for NLOS Camera Version: Up to 984ft (300m) for LOS/131ft (40m) for NLOS
Mic Polar Pattern	Omnidirectional
Frequency Response	20 Hz–20 kHz
Signal-to-Noise Ratio	70dB
Sound Pressure Level	115dB SPL
Recorded Audio Format	48 kHz/24-bit WAV
Battery Voltage	TX: 3.87V Camera Version RX: 3.87V Mobile Version Charging Case: 3.8V Camera Version Charging Case: 3.8V
Battery Capacity	TX: 97mAh Camera Version RX: 145mAh Mobile Version Charging Case: 750mAh Camera Version Charging Case: 1950mAh

## Specifications

Operating Time	TX: About 8 hours Camera Version RX: About 8 hours Mobile Version Charging Case: Approx. two times of charging for 2 TX Camera Version Charging Case: Approx. three times of charging
Charging Time	TX: About 1.5 hours Camera Version RX: 1.5H Mobile Version Charging Case: <1.5 hours Camera Version Charging Case: <2 hours
Charging Temperature	0° C to 45° C
Operating Temperature	-10° C to 60° C
Weight	TX: Approx. 9g (0.3oz) Mobile Version RX: Approx. 6g (0.2oz) Camera Version RX: Approx. 14.8g (0.5oz) Mobile Version Charging Case: Approx. 65.6g (2.3oz) Camera Version Charging Case: Approx. 111g (3.9oz)

## Specifications

Charging power	5V⎓ 2.4V
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\* The data provided above is based on laboratory testing results.

If you encounter any problems in using the product or need any help, please contact Hollyland Support Team via the following ways:

 Hollyland User Group

 HollylandTech

 HollylandTech

 HollylandTech

 support@hollyland.com

 www.hollyland.com

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