

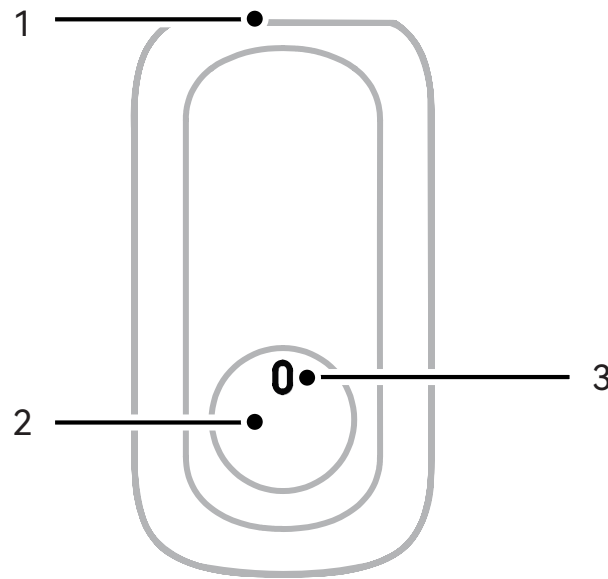


LARK A1

User Manual

Product Overview

TX: Transmitter



1. Microphone Pickup Hole

Position the microphone pickup hole upward during wear to ensure optimal sound capture performance.

2. Button Functions

Power On/Off: Press and hold for **3 seconds** to turn the TX on/off. When placed in the charging case while powered off, the TX will automatically turn on and charge

Pairing Mode: In the off state, press and hold the button for **6 seconds** to enter pairing mode.

Noise Cancellation: **Single-click** to toggle noise cancellation on/off.

Mute: **Double-click** to turn mute on/off for the single TX unit.

Recording Control: When the TX is connected to a mobile version receiver, **triple-click** the TX button to start/stop recording

3. LED Indicator Guide

	Blue Light (Slow Flash)	Disconnected
	Blue Light (Fast Flash)	Pairing
	Blue Light (Solid)	Connected
	Green Light (Solid)	Noise cancellation on
	Red Light (Solid)	TX muted
	Yellow Light (Solid)	TX1 assigned
	Pink Light (Solid)	TX2 assigned

4. Battery Status Indicator

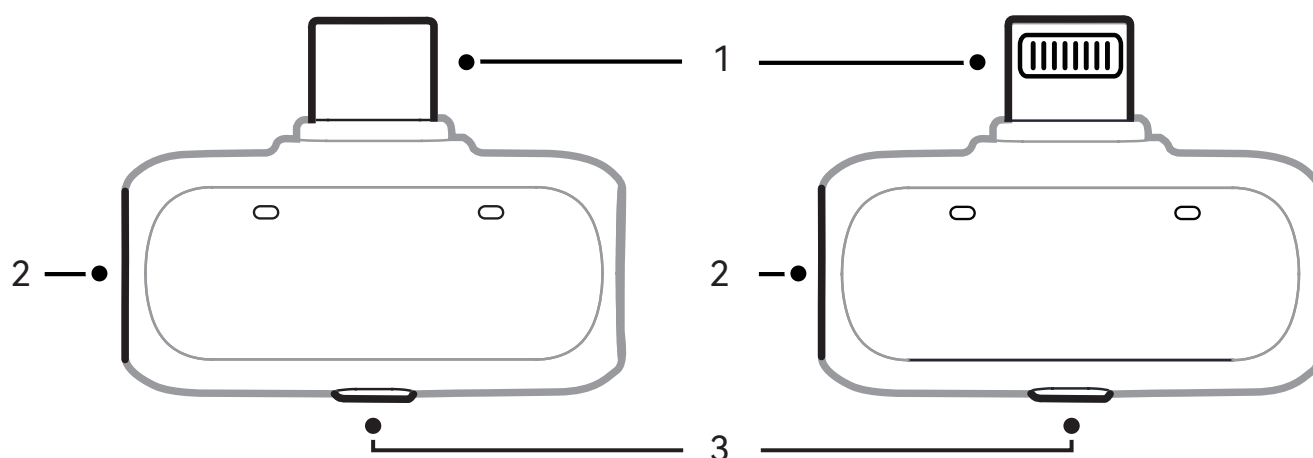
Non-Charging State

	Red Light Slow Flashing	0%-6%
	Green/Blue Light Solid	7%-100%

Charging State

	Orange Light Solid	0%-94%
	Green Light Solid	95%-100%

RX: Receiver



1. USB-C/Lightning Port

For mobile device connection.

2. USB-C Charging Port

Supports charging while using.

3. Button Functions

Pairing: Press and hold the RX button for **3s** to enter pairing mode.

Noise Cancellation: **Single-click** to toggle noise cancellation on/off.

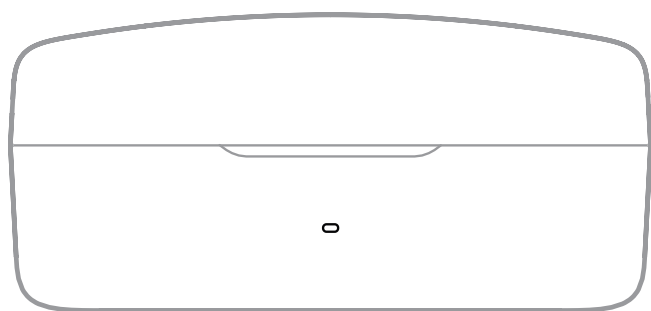
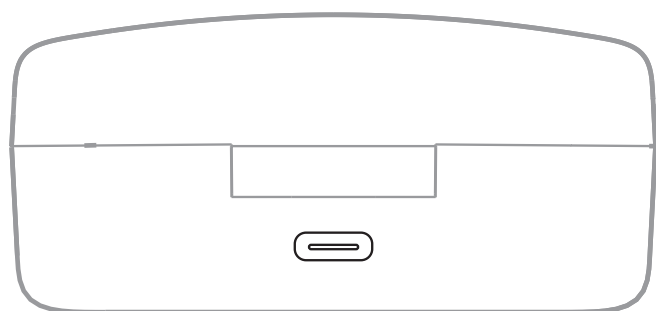
TX 1 Mute: **Double-click** to toggle TX 1 mute.

TX 2 Mute: **Triple-click** to toggle TX 2 mute.

4. LED Indicator Status

	Blue (Slow Flash)	Disconnected
	Blue (Fast Flash)	Pairing mode active
	Blue (Solid)	Connected
	Green (Solid)	Noise cancellation on
	Red (Solid)	TX mute activated

Charging Case



1. USB-C Charging Port

Charges both the charging case and the device.

2. Auto Power On/Off

Power On: Automatically activates when removed from the charging case.

Power Off: Automatically shuts down when placed back into the charging case.

3. Battery Status Indicators

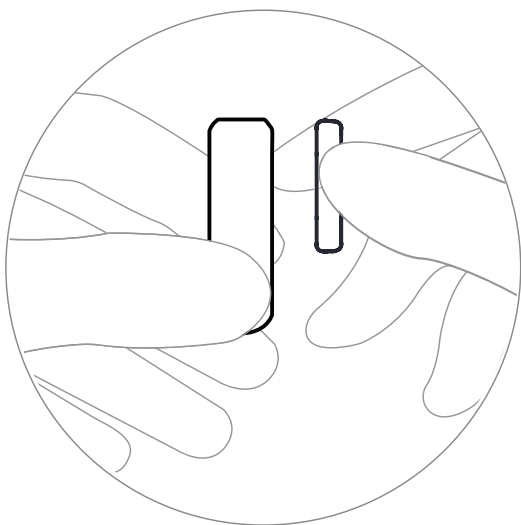
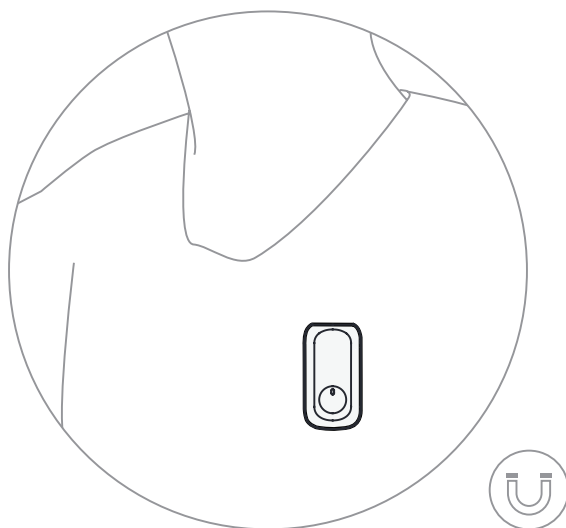
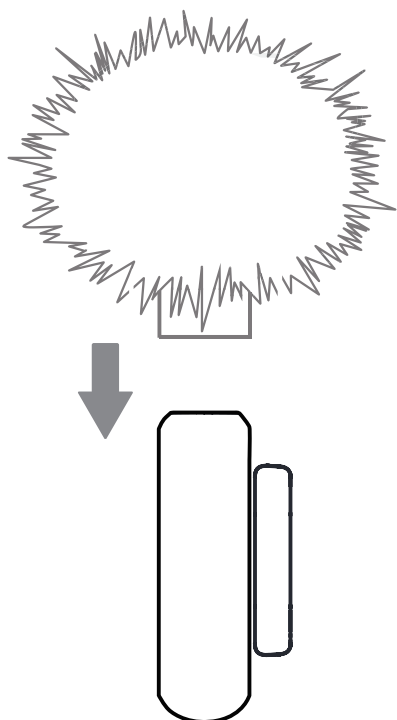
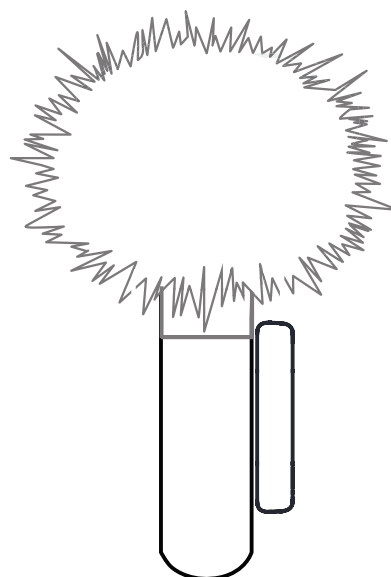
Non-Charging State

	Red (Slow Flash)	0%-10%
	Red (Solid)	11%-25%
	White (Solid)	26%-70%
	Green (Solid)	71%-100%

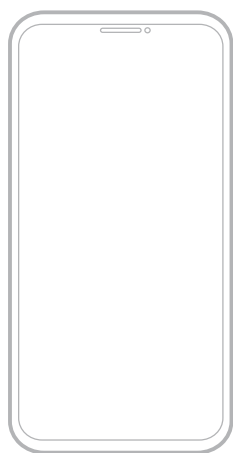
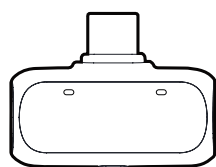
Charging State

	Orange (Solid)	0%-97%
	Green (Solid)	98%-100%

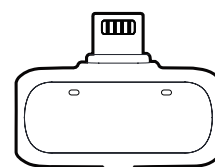
Wearing Instructions



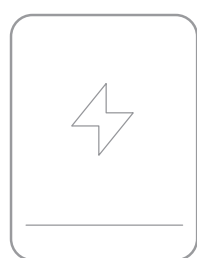
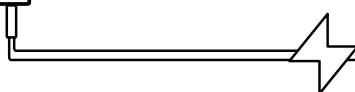
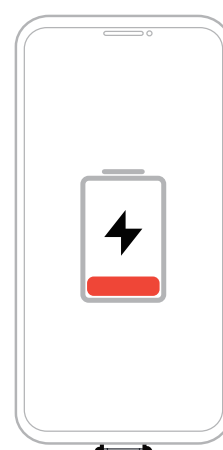
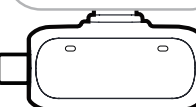
Connection



USB-C



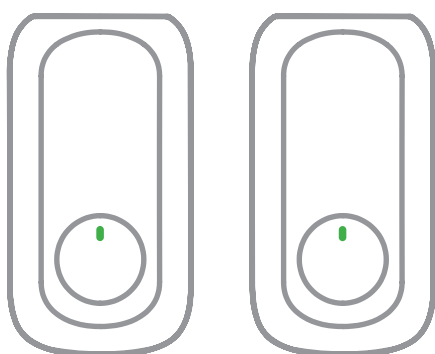
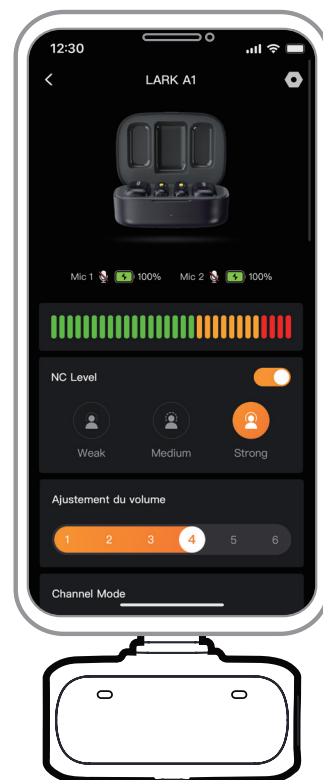
Lightning



*Supports charging the device via RX when smartphone battery is low (compatible models only).

Function Overview

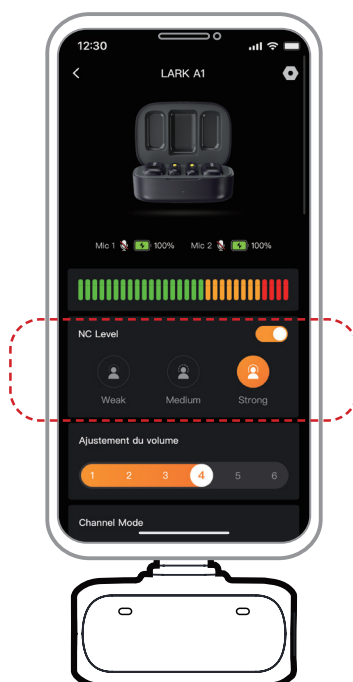
For function adjustment, connect TX and mobile RX to your smartphone and configure via the LarkSound APP.



1. Noise Cancellation

Three levels: Low (10dB), Medium (15dB), High (20dB)

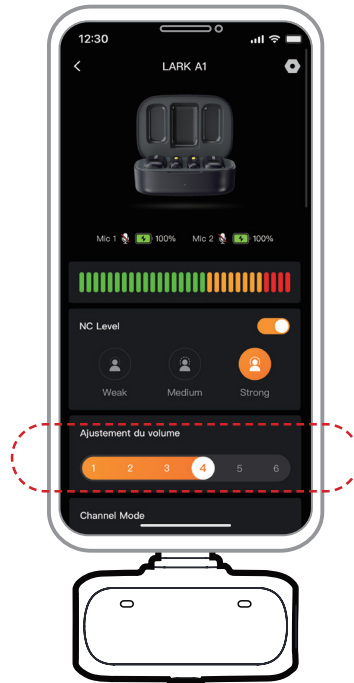
Default: High



2. Volume Gain Control

6 adjustable levels (Level 6 = Max volume)

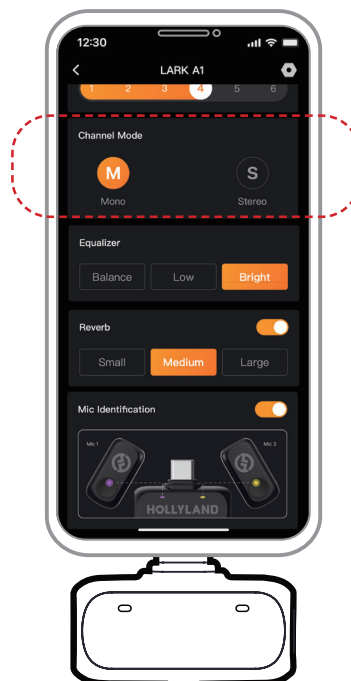
Default: Level 5



3. Audio Channel Mode

Options: Stereo / Mono

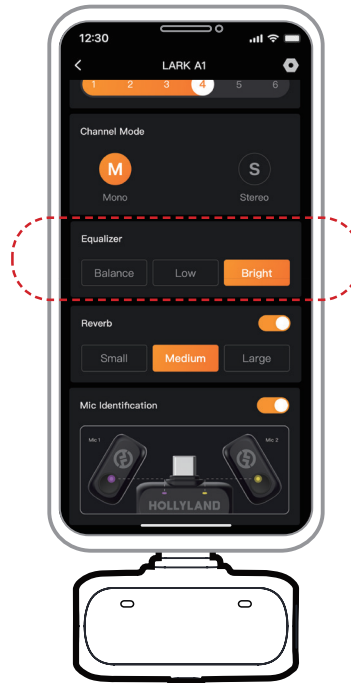
Default: Mono



4. EQ Modes

Presets: Equalization/Low/Bright

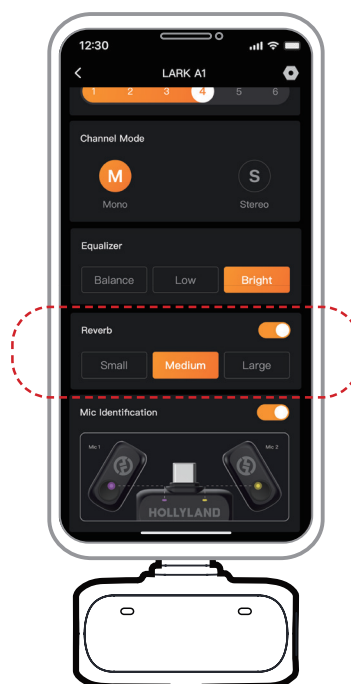
Default: Equalization



5. Reverb Adjustment

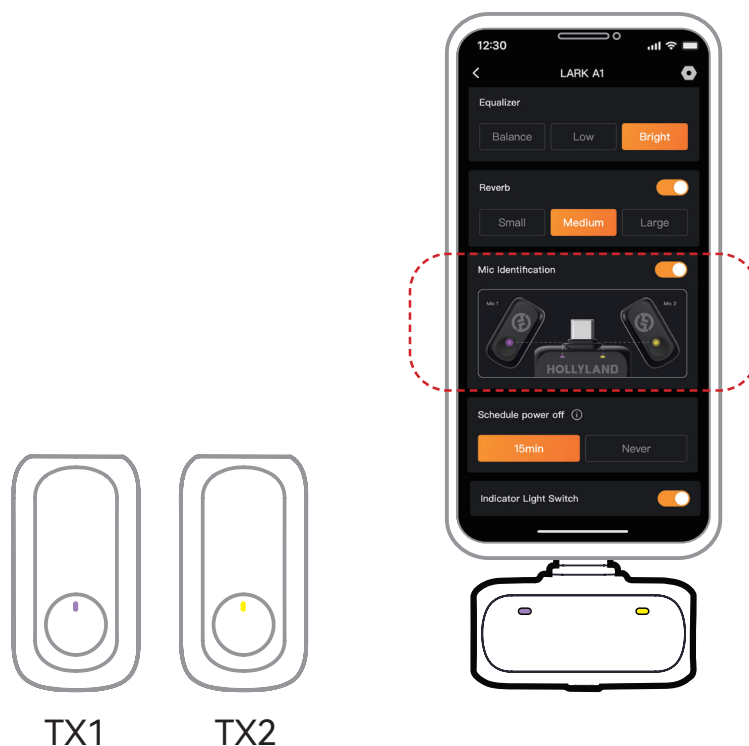
Three levels: Light / Medium / Large

Default: Off (manual activation required)



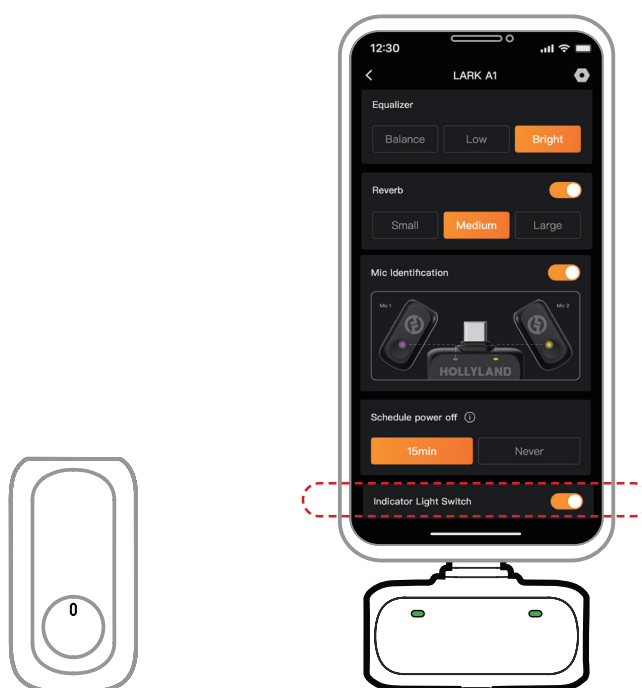
6. MIC Identification

Indicator lights on both TX and RX distinguish TX 1/ TX 2.



7. TX LED Control

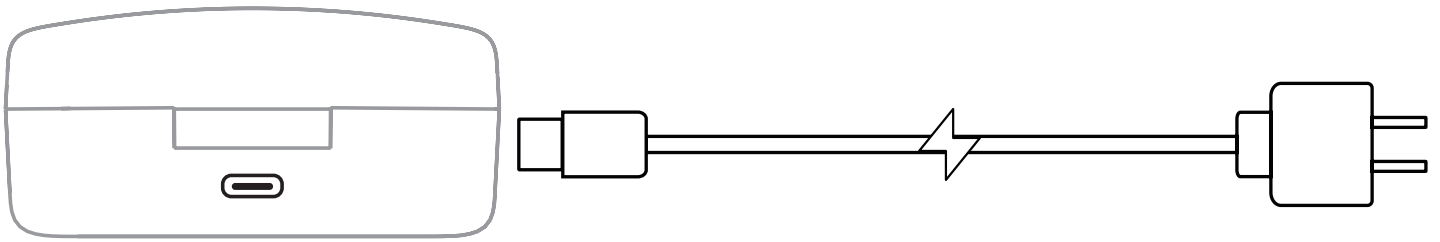
Toggle TX indicator lights On/Of



Charging Method

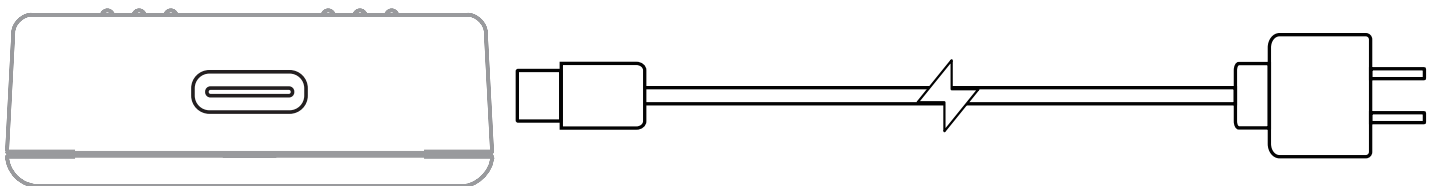
Charging Case

When connected via a USB-C cable, the charging case provides power to the entire device system.



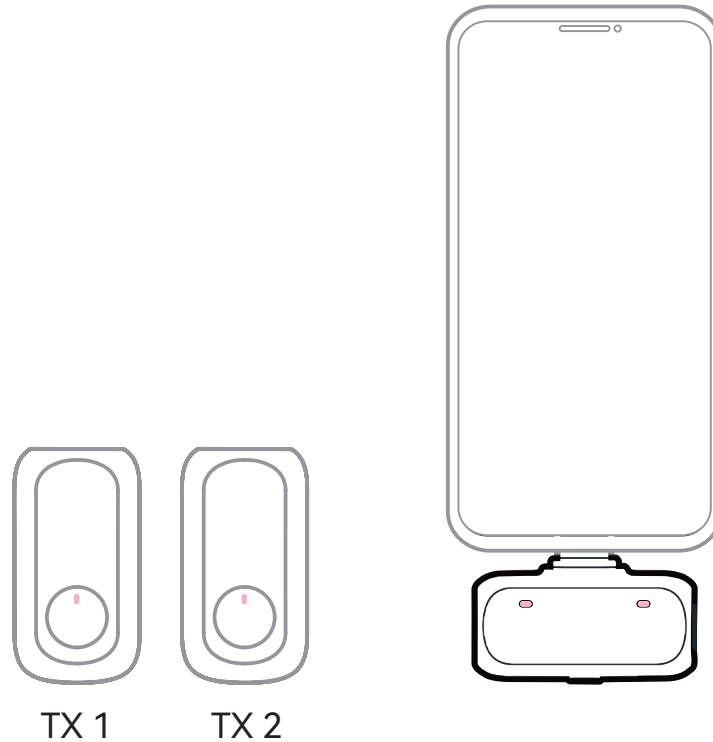
Charging Dock

When connected via a USB-C cable, the charging dock charges the TX devices.



Firmware Update

1. When TX is connected to mobile RX, firmware can be updated through the APP. The device will automatically reboot after successful update.



Solid pink light: RX updating

* Note: Do not disconnect RX during the process. If the update fails, the APP will display an error prompt. Please place TX back in the charging case and retry.

Specifications

Mic Sensitivity	-37dBV±2dBV@1KHz,94dBSPL
Wireless Modulation Mode	GFSK 2Mbps
Wireless Transmission	2.4 GHz Adaptive Frequency Hopping (AFH)
Transmission Range	TX: 200m
Mic Polar Pattern	Omnidirectional
Frequency Response	20Hz~20KHz
Signal-to-Noise Ratio	≥ 67dB
Max Sound Pressure Level	120dB SPL
Sample Rate and Bit Depth	48kHz/24Bit
Battery Voltage	TX: 3.8V Charging Case: 3.7V
Battery Capacity	TX: 65mAh Charging Case: 460mAh
Operating Time	TX: Approx. 9 hours
Charging Cycle	Charging Case: > 2 times charging for 2 Mic
Charging Time	TX: <1.5H Charging Case: <1.5H
Charging Temperature	0~45°C
Operating Temperature	-10~60°C
Dimensions	TX: 30*16.3*8.8mm Mobile Version RX: 34*16.3*9mm
Weight	TX: Approx. 8g Mobile Version RX: Approx. 5.9g

App Information

LarkSound

The LarkSound app is available for download on Xiaomi, Huawei, and Apple App Stores. You can also scan the QR code below to download the app.



The LarkSound 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 above



Requires Android 8.0 or above



App

Support

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



support@hollyland.com



HollylandTech



www.hollyland.com

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