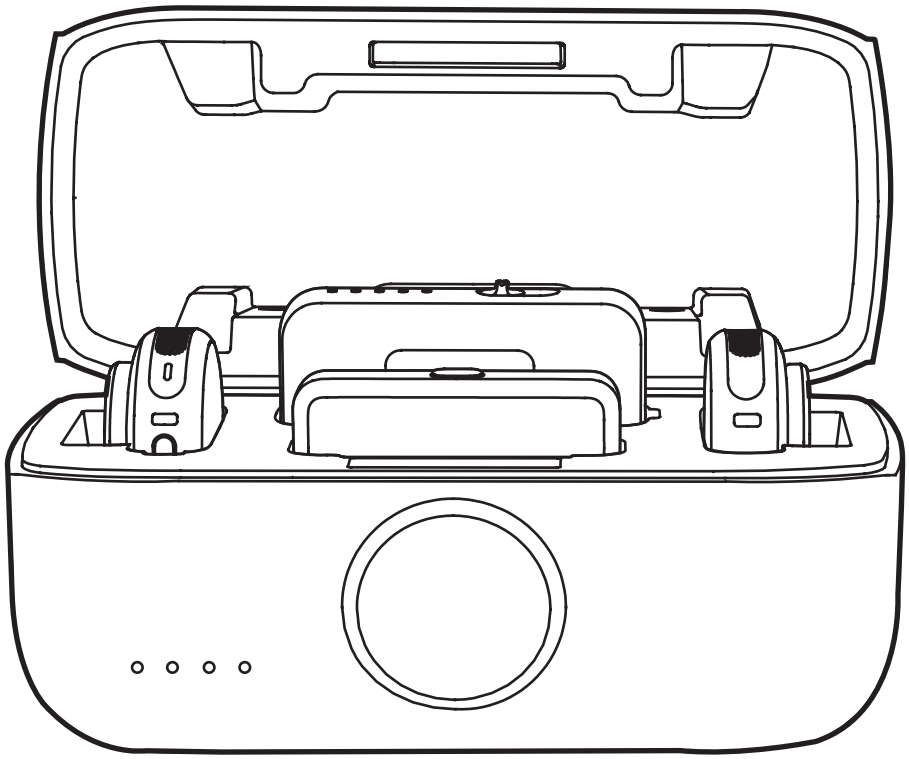
HOLLYLAND



LARK M3
Wireless Microphone
User Manual

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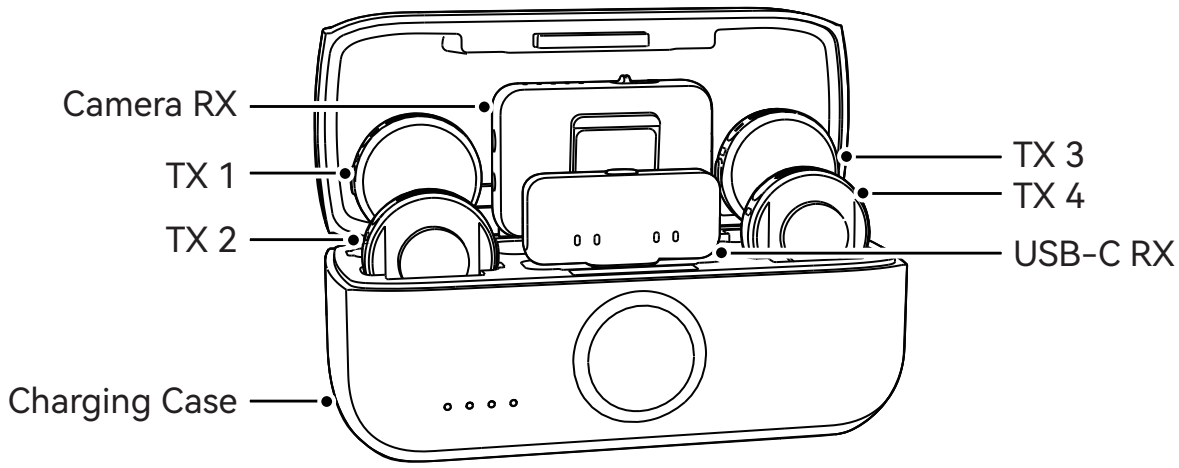
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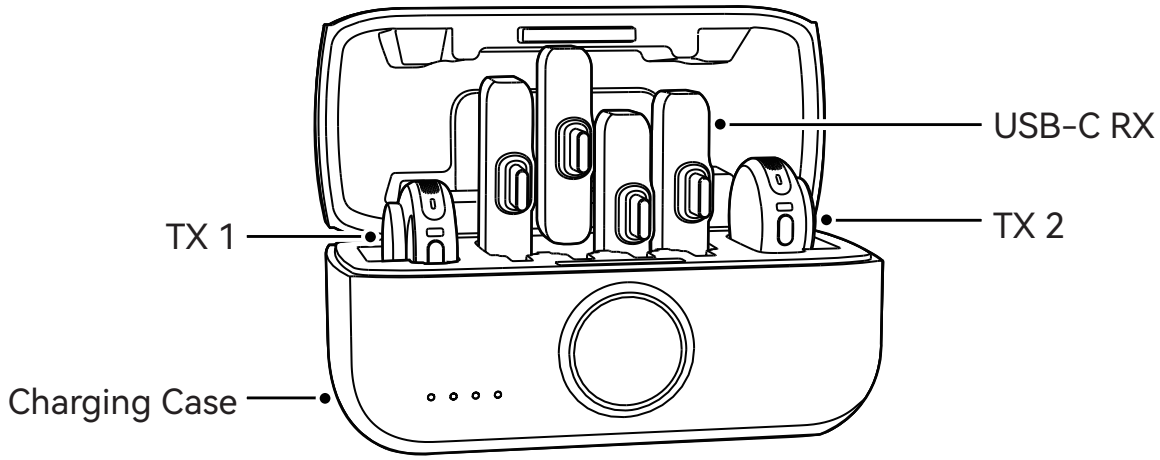
Product Overview

SKU

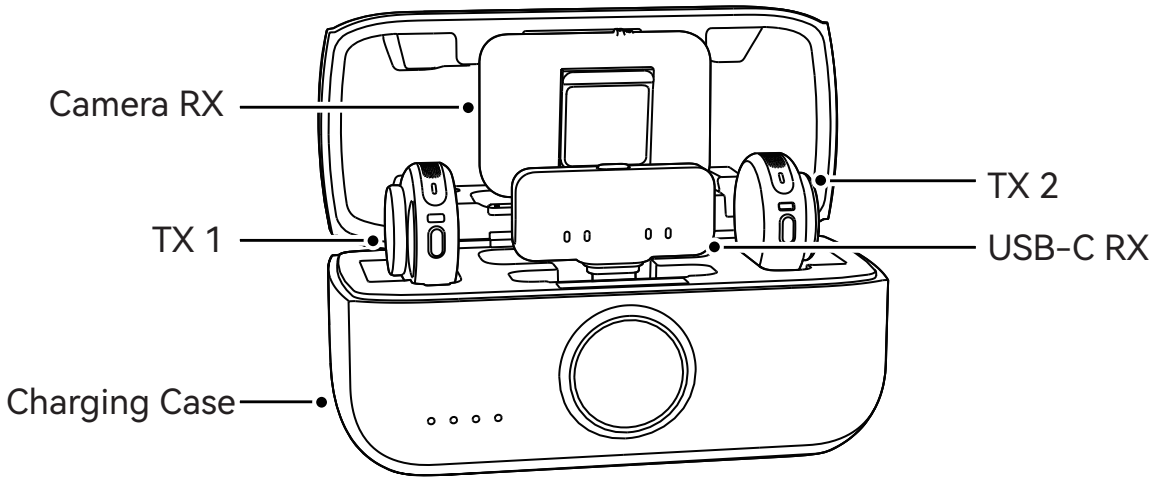
LARK M3 Combo 4TX&2RX Wireless Microphone



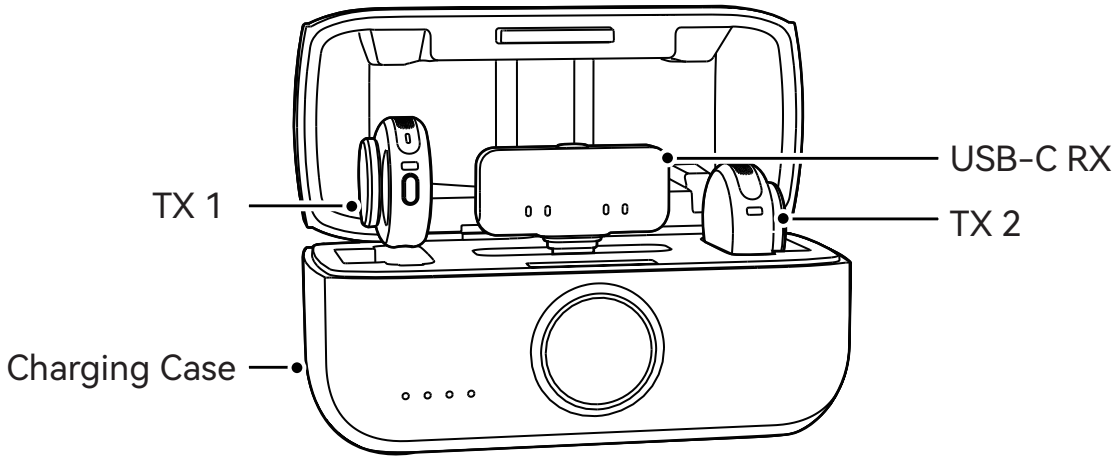
LARK M3 Combo 2TX&4RX Wireless Microphone



LARK M3 Combo 2TX&2RX Wireless Microphone

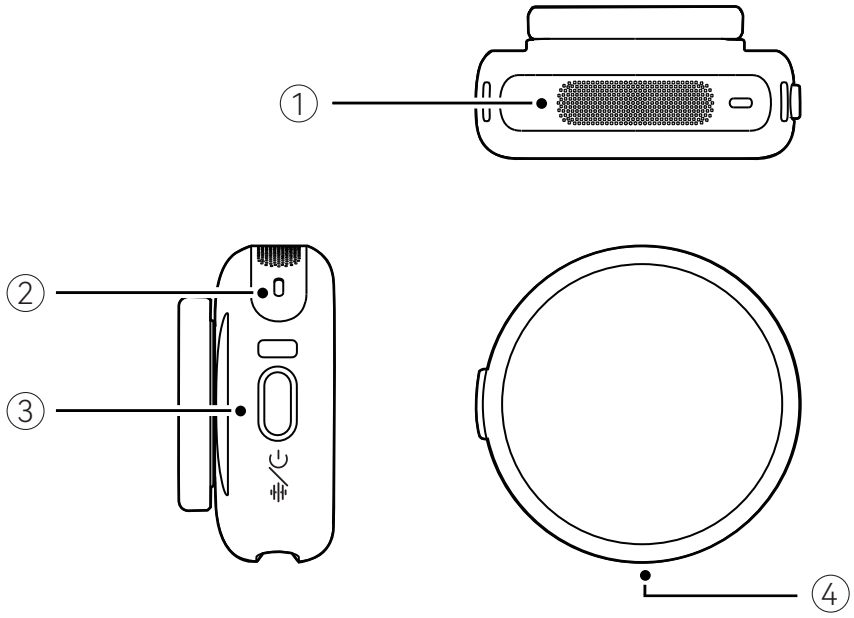


LARK M3 Combo 2TX&1RX Wireless Microphone



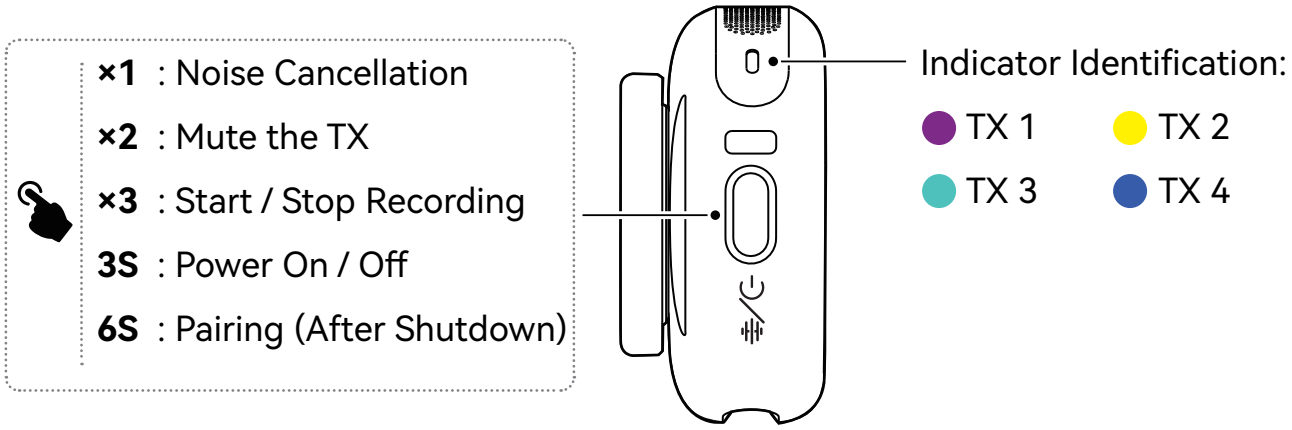
TX: Transmitter

Button Descriptions



① TX Microphone	TX microphone pickup area.
② TX Status Indicator	Displays TX pairing, noise cancellation, mute and battery status.
③ Power / Noise Cancellation / Mute / Recording / Pairing	Press and hold for 3 seconds to power on/off.
	Single press to enable or disable noise cancellation.
	Double press to enable or disable mute.
	Triple press to start/stop photo capture or recording.
	In the off state, press and hold for 6 seconds to pair.
④ Charging Contacts	Insert TX into the charging case to charge.

Button Operations and Indicator Descriptions



● – –	Slow flashing blue light	Not connected
● ----	Fast flashing blue light	Pairing
● ——	Solid blue light	Connected
● ——	Solid green light	Noise cancellation
● ——	Solid red light	Mute

Battery Level Display

Battery Status

Non-Charging State

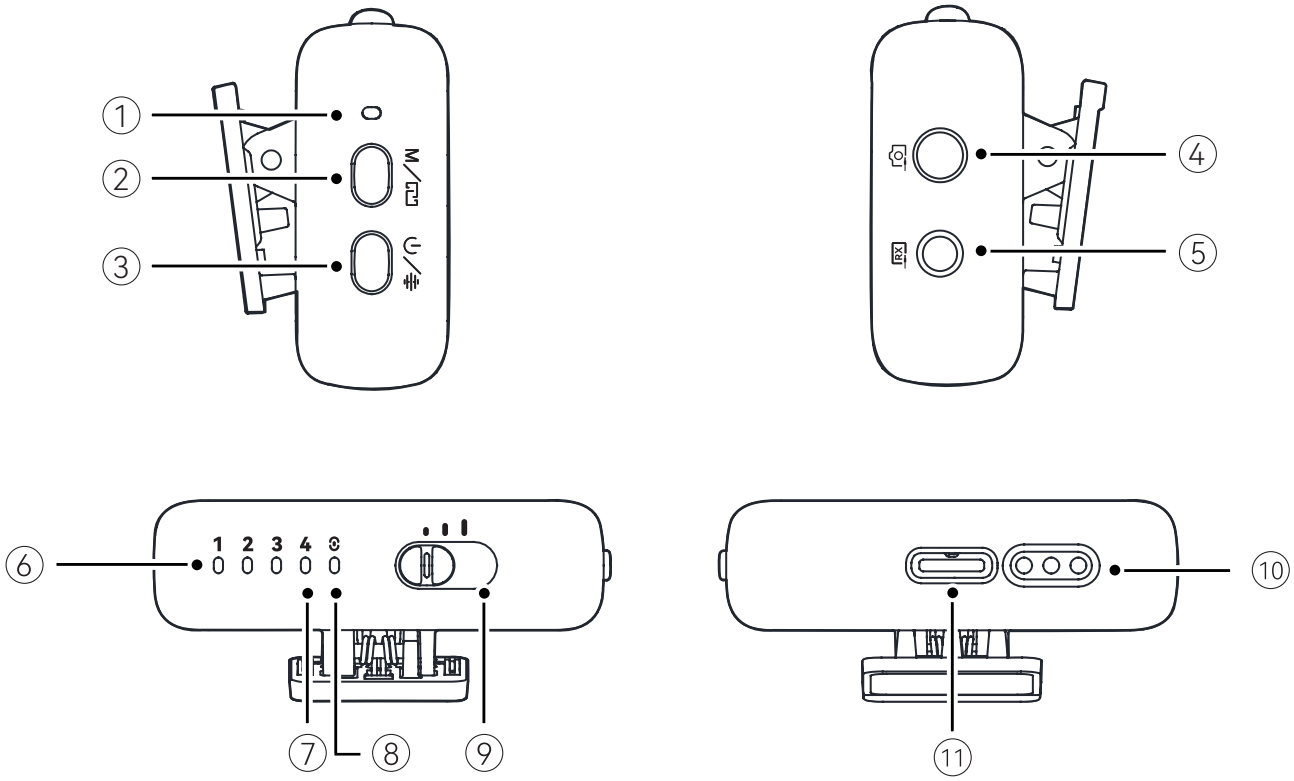
● ——	Solid blue light	Battery level ≥ 6%
● ——	Solid green light	Battery level ≥ 6%
● – –	Slow flashing red light	Battery level < 6%

Charging State

● ——	Solid green light	Battery level ≥ 95%
● ——	Solid orange light	Battery level < 94%

Camera RX: Camera Receiver

Button Descriptions



① Camera RX Mode Indicator	Displays the camera RX channel mode status.
② M/ Pairing / Channel Mode	Long press for 3s to pair (supports RX and TX pairing only, wireless Bluetooth headphone pairing must be performed via the app).
	Double press to switch between channel modes: Mono, Stereo, and 4-Track. (4-Track is available only when connected via hot shoe or UAC output)
③ Power / Noise Cancellation / Mute	Press and hold for 3s to manually power on.
	Single press to enable or disable noise cancellation.
	Double press to enable or disable full TX mute.

④ 3.5mm TRS Output Jack	Outputs analog audio.
⑤ 3.5mm TRS Input Jack	3.5mm TRS Input Jack.
⑥ TX Status Indicator	Displays TX pairing, noise cancellation, low-battery, and mute status.
⑦ RX Status Indicator	Displays the primary/secondary status, battery level, and charging status of the connected camera RX.
⑧ RX Gain Slider	The camera RX volume gain can be adjusted using the gain slider, and the gain settings can be customized via the connected app.
⑨ Charging Contacts	Place the camera RX in the case to charge.
⑩ USB-C Port	Connect to a computer or mobile device to output digital audio.

Button Operations and Indicator Descriptions

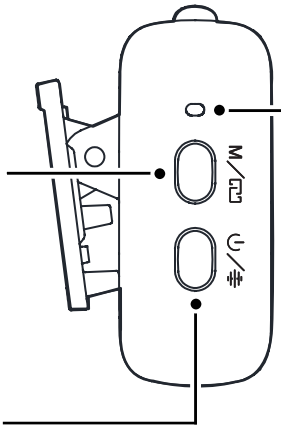
×2 : Channel Switching (Mono, Stereo, 4-Track)

3S : Pairing

×1 : Noise cancellation

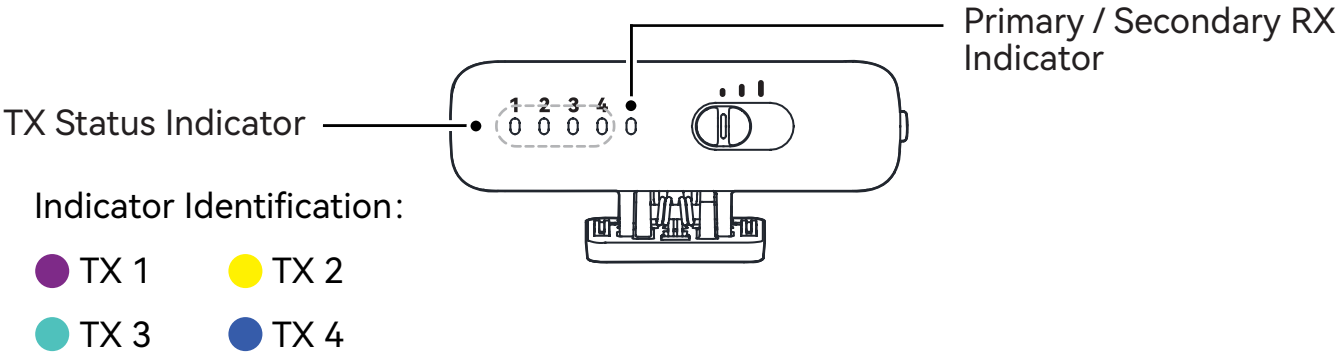
×2 : Full TX mute

3S : Power on/off



Channel Mode Indicator

- Mono
- Stereo
- 4-Track (when using a hot shoe or UAC)



Indicator Identification:

- TX 1
- TX 2
- TX 3
- TX 4

TX Status Indicator

– –	Slow flashing blue ligh	Not connected
——	Solid blue light	Connected
——	Solid green light	Noise cancellation
——	Solid red light	Mute

Primary / Secondary RX Indicator

● – –	Slow flashing blue light	Not connected
● ——	Solid blue light	Connected
● ——	Solid yellow light	Connected (Secondary RX)

Battery Level Display

RX Status Indicator

Non-Charging State

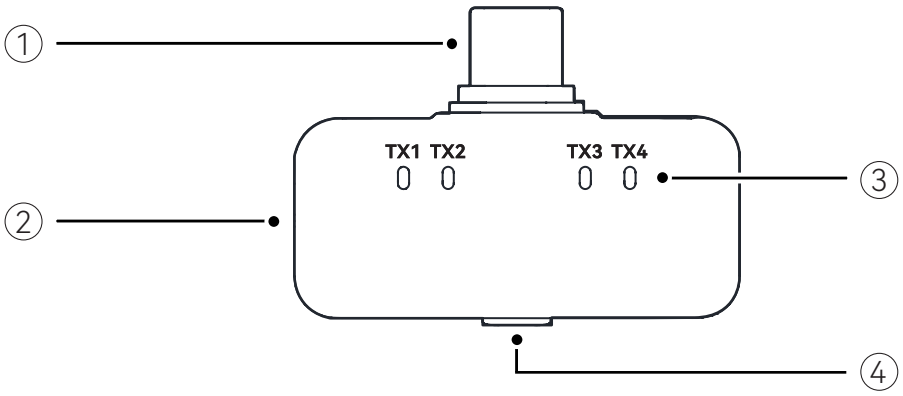
● ——	Solid blue light	Battery level ≥ 6%
● ——	Solid yellow light	Battery level ≥ 6%
● – –	Slow flashing red light	Battery level < 6%

Charging State

● ——	Solid green light	Battery level ≥ 95%
● ——	Solid orange light	Battery level < 94%

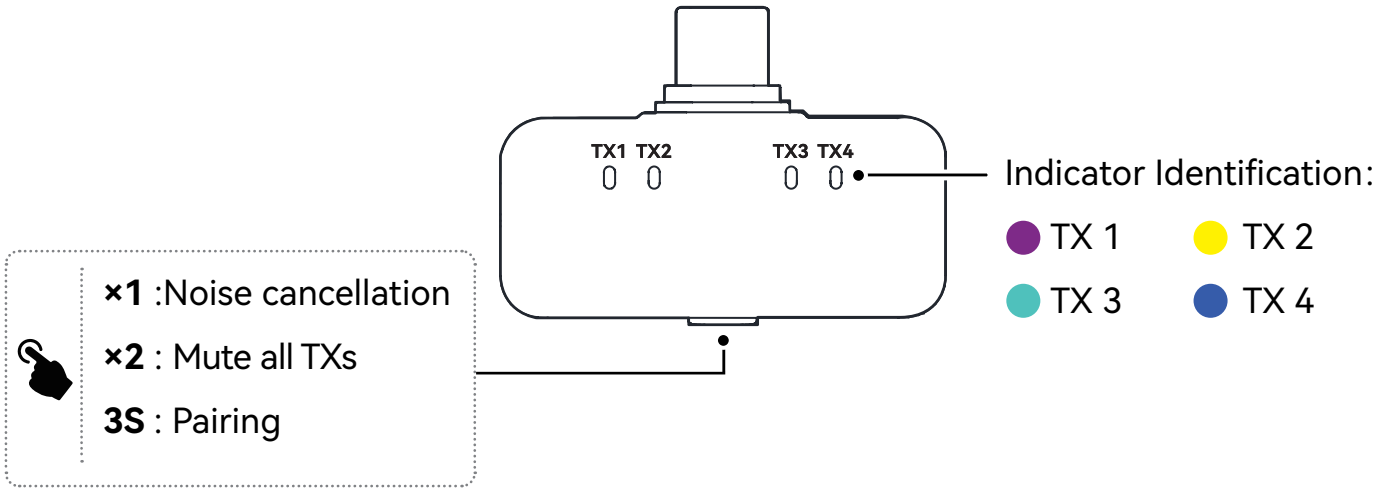
USB-C RX: USB-C Receiver

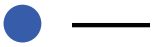
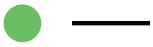
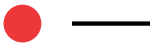
Button Descriptions



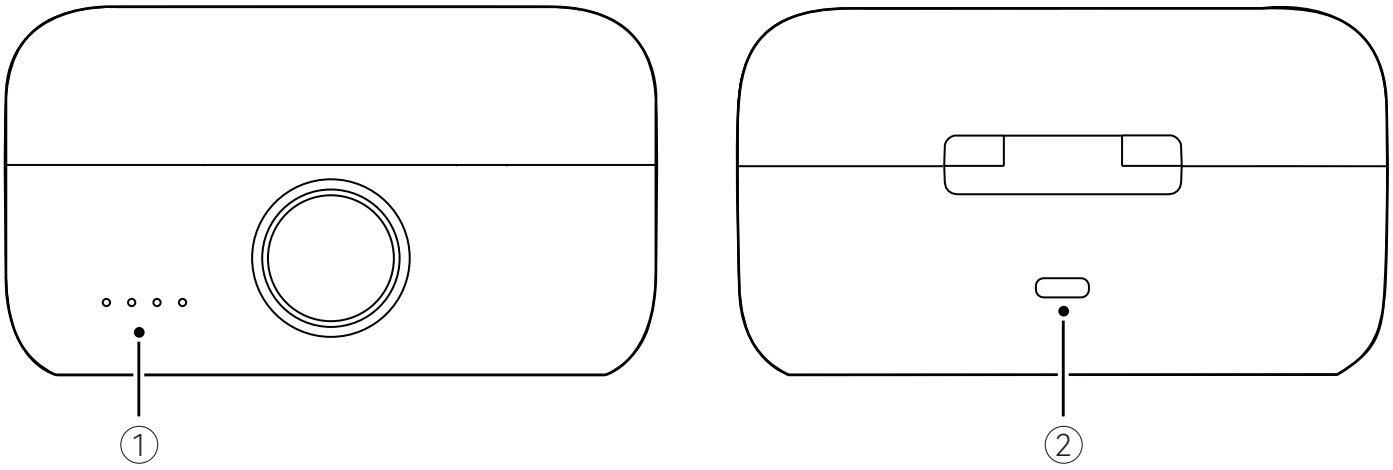
① USB-C Plug	Outputs audio and charges the mobile phone
② USB-C Port	External phone charging.
③ TX1 TX2 TX3 TX4 TX Status Indicator	Displays TX pairing, noise cancellation, and battery status.
④ Noise Cancellation / Pairing / Mute	When connected to the TX, single press to enable or disable TX noise cancellation.
	Press and hold for 3s to enter pairing mode.
	When connected to the TX, double press to mute all connected TXs.

Button Operations and Indicator Descriptions



	Slow flashing blue light	Not connected
	Solid blue light	Connected
	Solid green light	Noise cancellation
	Solid red light	Mute

Charging Case



① Charging Case Indicator	Displays the charging case's battery status.
② USB-C Port	Charges the device and supports firmware updates.

Battery Level Display

Non-Charging State

◌ ○ ○ ○	One flashing light	BOX battery ≤ 10%
● ○ ○ ○	One solid light	10% < BOX battery ≤ 25%
● ● ○ ○	Two solid lights	25% < BOX battery ≤ 50%
● ● ● ○	Three solid lights	50% < BOX battery ≤ 75%
● ● ● ●	Four solid lights	75% < BOX battery ≤ 100%

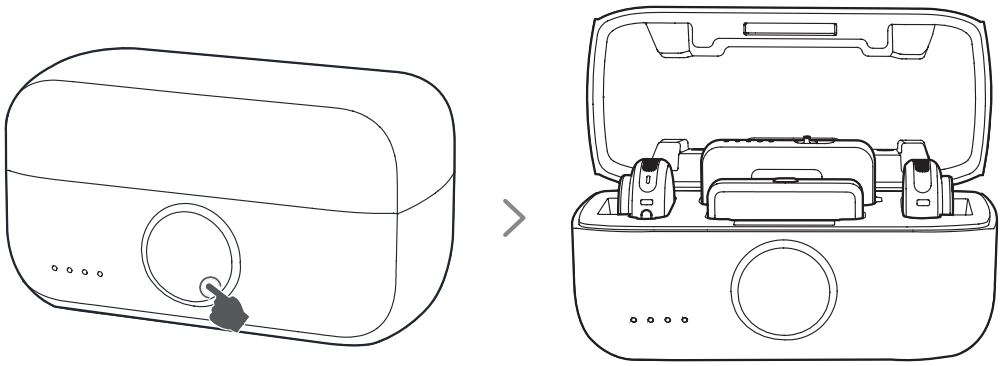
Charging State

◌ ○ ○ ○	One flashing light	BOX battery ≤ 25%
◌ ◌ ○ ○	Two flashing lights	25% < BOX battery ≤ 50%
◌ ◌ ◌ ○	Three flashing lights	50% < BOX battery ≤ 75%
◌ ◌ ◌ ◌	Four flashing lights	75% < BOX battery ≤ 100%

Product Usage

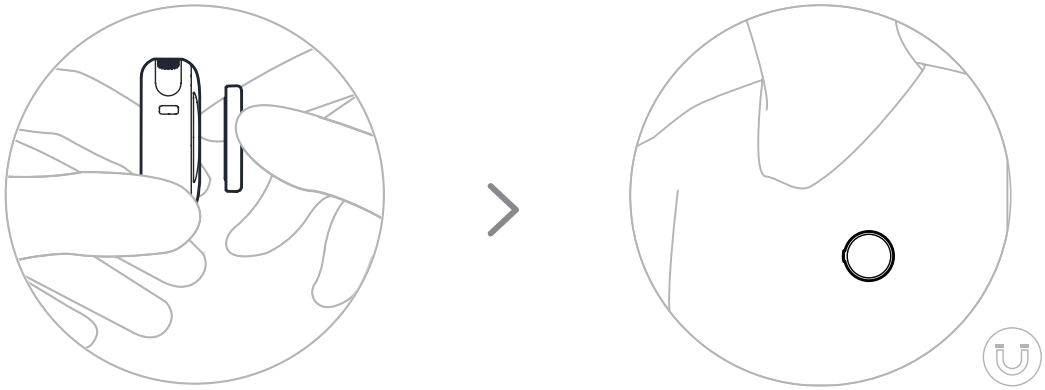
First Time Unboxing

Press the charging case lock button to open it.



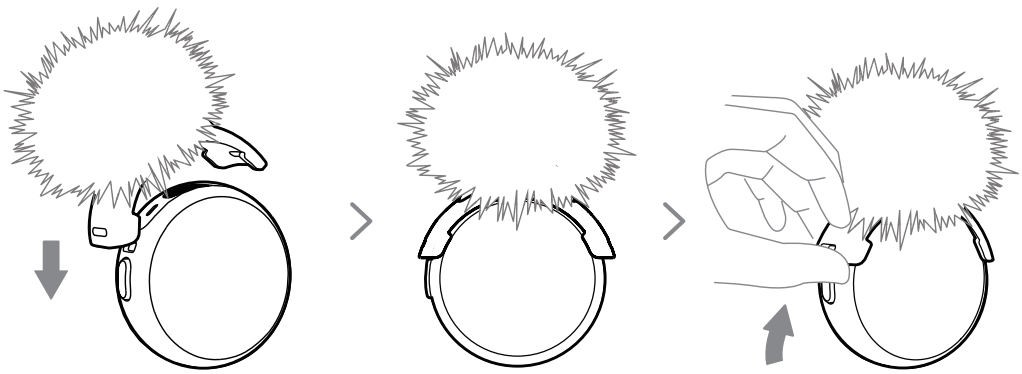
Press to open the charging case.

TX Wearing



Furry Windshield Installation

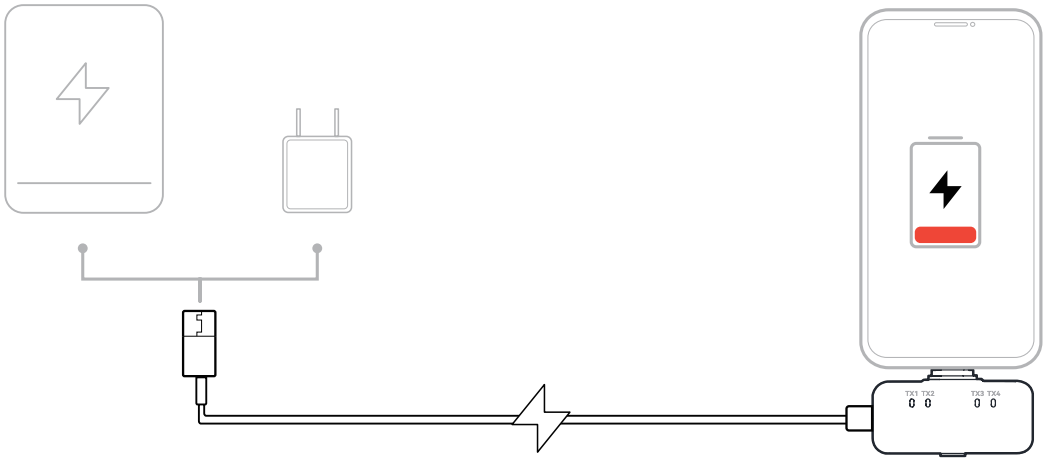
In outdoor or windy environments, it is recommended to use a furry windshield. Align either side of the furry windshield's buckle with the corresponding buckle on the TX, then press down on the opposite side to secure it. To remove it, simply unclip one side.



Connecting to a Phone



When the phone is low on battery, you can charge it via the USB-C receiver.

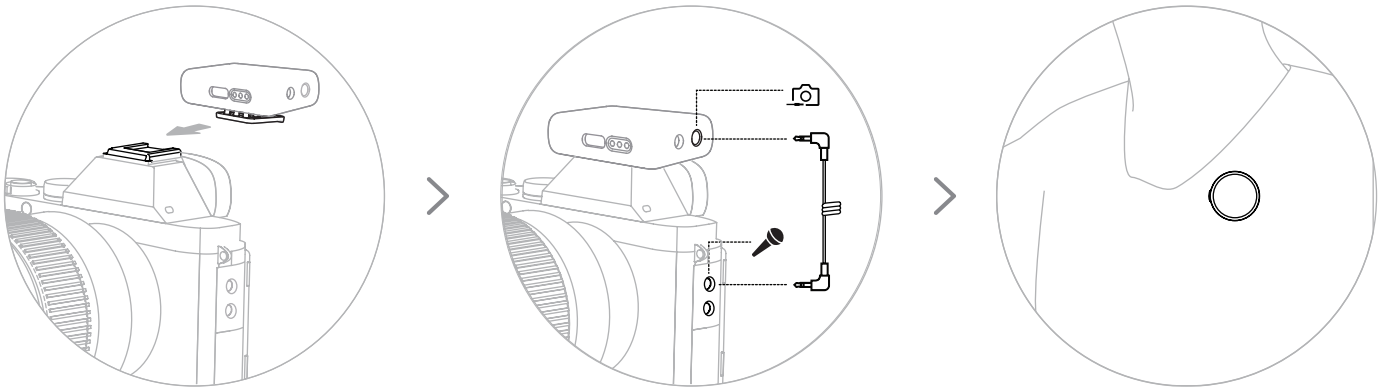


* This feature is only supported by iPhone 15 series and later, as well as certain Android phones.

Connecting to a Camera

Method One

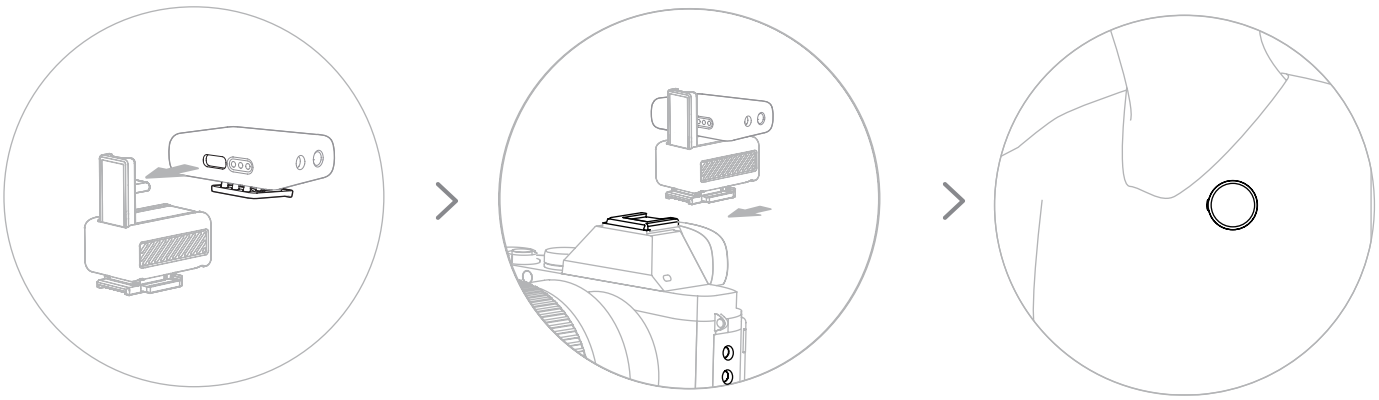
1. Mount the camera RX onto the camera hot shoe.
2. Connect the camera RX to the camera using a 3.5mm TRS to TRS cable.
3. Turn on the TX for audio reception.



Method Two

1. Connect the camera RX to the hot shoe adapter.
2. Mount the camera RX with the hot shoe adapter onto the camera's hot shoe.
3. Turn on the TX for audio reception.

* The hot shoe adapter is sold separately. For compatibility, refer to the list of compatible hot shoe cameras.



Connecting to a Computer

Method One

1. After connecting the USB-C RX to the computer via the USB-C port and configuring the computer's audio input settings, the TX can be used as an external microphone.



Method Two

1. After connecting the camera RX receiver to the computer using a USB-C to USB-C adapter cable and configuring the computer's audio input settings, the TX can be used as an external microphone.



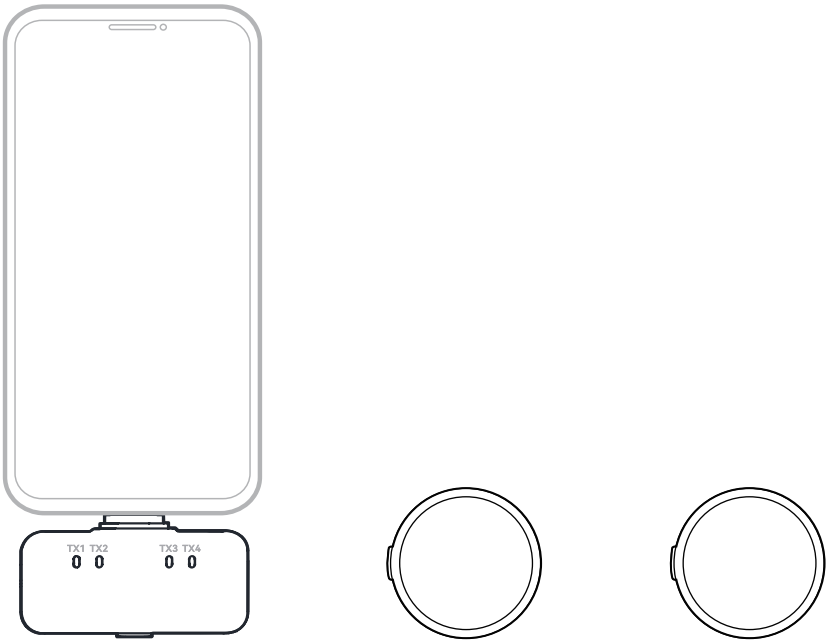
Pairing Method

The TX and RX included in the purchased kit are factory-paired by default. If the TX is disconnected from the RX, they can be paired using the following methods:

USB-C RX Pairing

1. Insert the USB-C RX into the phone, then press and hold the button for 3 seconds to enter pairing mode.
2. With the TX turned off, press and hold the power button for 6 seconds to enter pairing mode.
3. When both the USB-C RX and TX indicators are solid blue or solid green, pairing is complete.

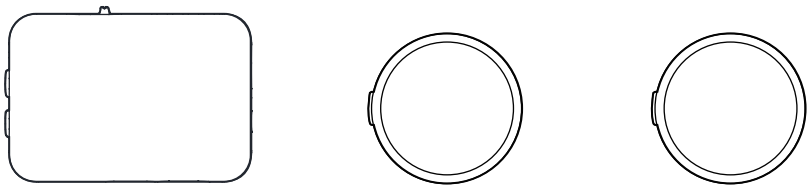
(If pairing fails within 60 seconds, the devices will automatically exit pairing mode)



Camera RX Pairing

1. With the TX turned off, press and hold the power button for 6 seconds to enter pairing mode.
2. Press and hold the pairing button on the camera RX for 3 seconds to enter pairing mode.
3. When both the camera RX and TX indicators are solid blue or solid green, pairing is complete.

(If pairing is not completed within 60 seconds, the devices will automatically exit pairing mode)



Primary-Secondary Mode of the RX

Definition

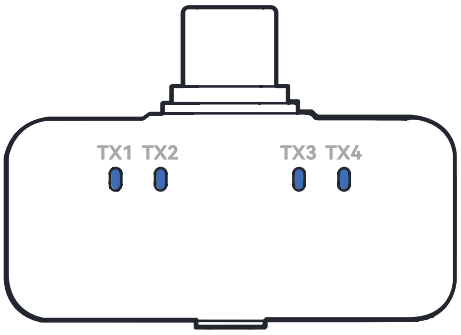
To ensure the connection stability and operational safety of the full 4TX & 4RX system, a primary-secondary distinction is established when multiple RX units are connected simultaneously.

Primary-Secondary RX Assignment

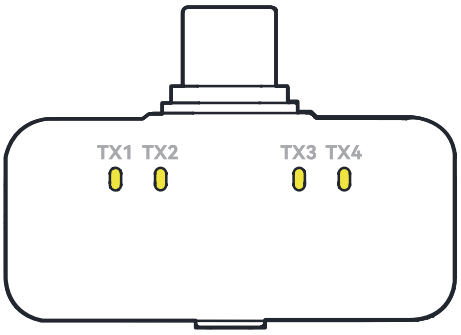
When the TX unit pairs with an RX device for the first time, the system automatically designates the first RX successfully connected after the TX is powered on as the Primary RX. Subsequent RX devices that complete pairing or connection are classified as Secondary RX units. The Primary RX can adjust the TX's operating status via physical buttons or the app, while Secondary RX units are limited to viewing status and cannot perform operational adjustments.

Primary-Secondary Status of USB-C RX

After a successful connection, the TX indicator on the Primary USB-C RX displays blue, while the TX indicator on the Secondary USB-C RX displays yellow; flashing lights indicate that the TX has not yet been connected.



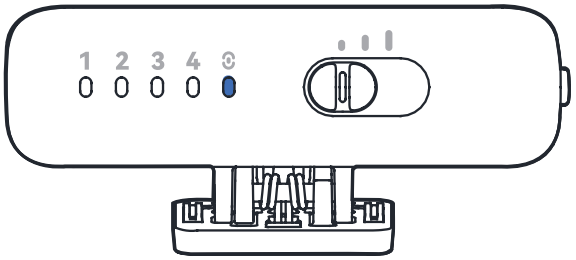
Primary RX Connection Status



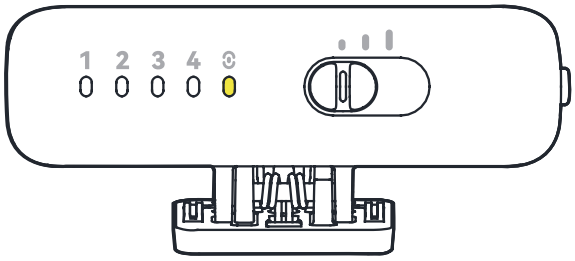
Secondary RX Connection Status
(Flashing lights only indicate that the TX is not connected)

Primary-Secondary Status of Camera RX

After a successful connection, the RX indicator on the Primary Camera RX displays solid blue, while the RX indicator on the Secondary Camera RX displays solid yellow.



Primary RX Connection Status



Secondary RX Connection Status

Audio Reception Status

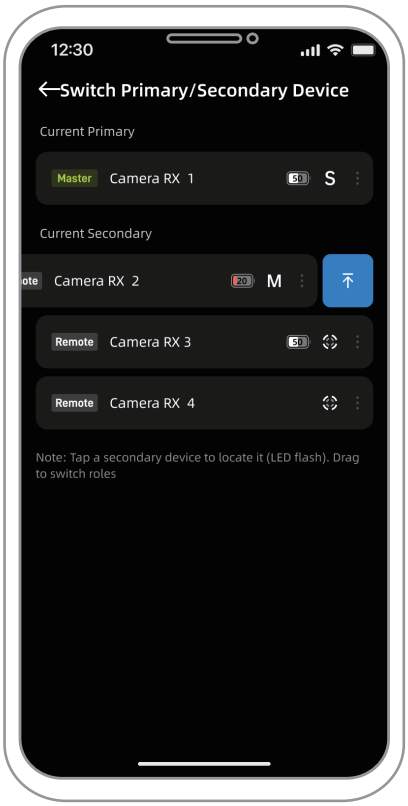
When multiple RX units are connected, if the Primary RX disconnects, the system will automatically select any one of the connected RX units as the new Primary RX. The disconnection of the Primary RX does not affect the normal audio reception of the remaining Secondary RX units, and adding or disconnecting Secondary RX devices during recording will not interfere with the current audio reception.

Switching Between Primary and Secondary Modes on the RX

Switching via App

1. After connecting the Secondary RX to your smartphone, open the app and switch the Secondary RX to become the Primary RX device from the top menu.
2. The Primary RX can directly adjust the TX device settings through the app interface.





Manual Switching

When multiple RX units are connected, keep only the device that needs to be set as the Primary RX, and disconnect the others. The retained RX will automatically become the Primary RX; then reconnect the remaining RX units, which will automatically switch to Secondary RX status.

Primary-Secondary RX Key Operation Comparison Table

USB-C RX		
	Primary RX	**Secondary RX**
Pairing	Initiate pairing between TX and RX devices	Initiate pairing with an RX device
Noise Cancellation	Enabled / Disabled	No permission
Mute	Enabled / Disabled	No permission
App Operations	Available to operate	View-only access

Camera RX		
	Primary RX	**Secondary RX**
Pairing	Initiate pairing between TX and RX devices	Initiate pairing with an RX device
Noise Cancellation	Enabled / Disabled	No permission
Mute	Enabled / Disabled	No permission
Channel Mode	Set independently	Set independently
RX Gain	Adjusted in independent steps	Adjusted in independent steps
App Operations	Available to operate	View-only access

Primary-Secondary RX App Operation Comparison Table

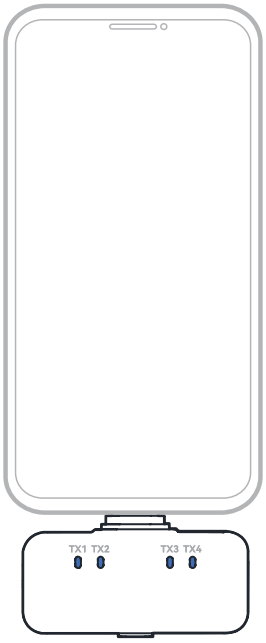
	Primary RX	Secondary RX
TX Mute	Enabled / Disabled	View-only access
Noise Cancellation	Enabled / Disabled	View-only access
RX Volume	Available for independent settings	
Channel Mode	Available for independent channel settings for Primary and Secondary RX	
Smart Reverb	Enabled / Disabled	View-only access
Indicator Switch	Enabled / Disabled	View-only access
TX Identification	Enabled / Disabled	View-only access
Voice Tuning Setting	Enabled / Disabled	View-only access

RX Device Pairing

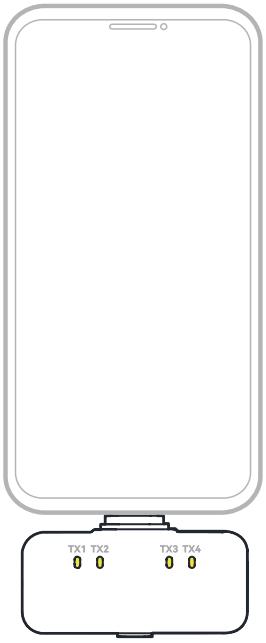
The RX included in the purchased kit is factory-paired by default. If you add a new RX or if pairing is interrupted, you can pair it using the following methods:

Pairing USB-C RX

1. Insert each USB-C RX into its respective phone and press and hold the button for 3 seconds to enter pairing mode.
2. Once pairing is successful, the TX indicator on the Secondary RX will turn yellow; after the TX connection is established, the TX indicator on the Primary RX will remain solid blue, while the TX indicator on the Secondary RX will stay solid yellow. (If pairing is not completed within 60 seconds, the devices will automatically exit pairing mode. This system supports up to four receivers.)



Primary RX

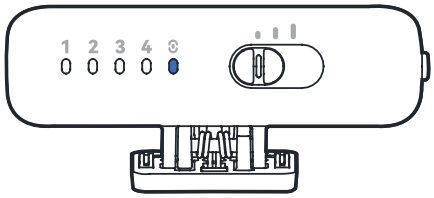


Secondary RX
(Flashing lights indicate that the TX is not connected)

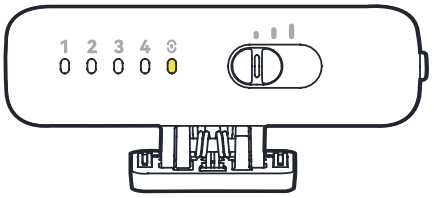
Pairing Camera RX

1. Turn on multiple camera RX units and press and hold the pairing button for 3 seconds to enter pairing mode.
2. Upon successful pairing, the RX indicator on the Primary RX will be solid blue, while the RX indicator on the Secondary camera RX will be solid yellow. (When the TX is not connected, the TX indicator on the Primary RX flashes blue, and the TX indicator on the Secondary RX flashes yellow).

* If pairing is not completed within 60 seconds, the devices will automatically exit pairing mode. This system supports up to four receivers.



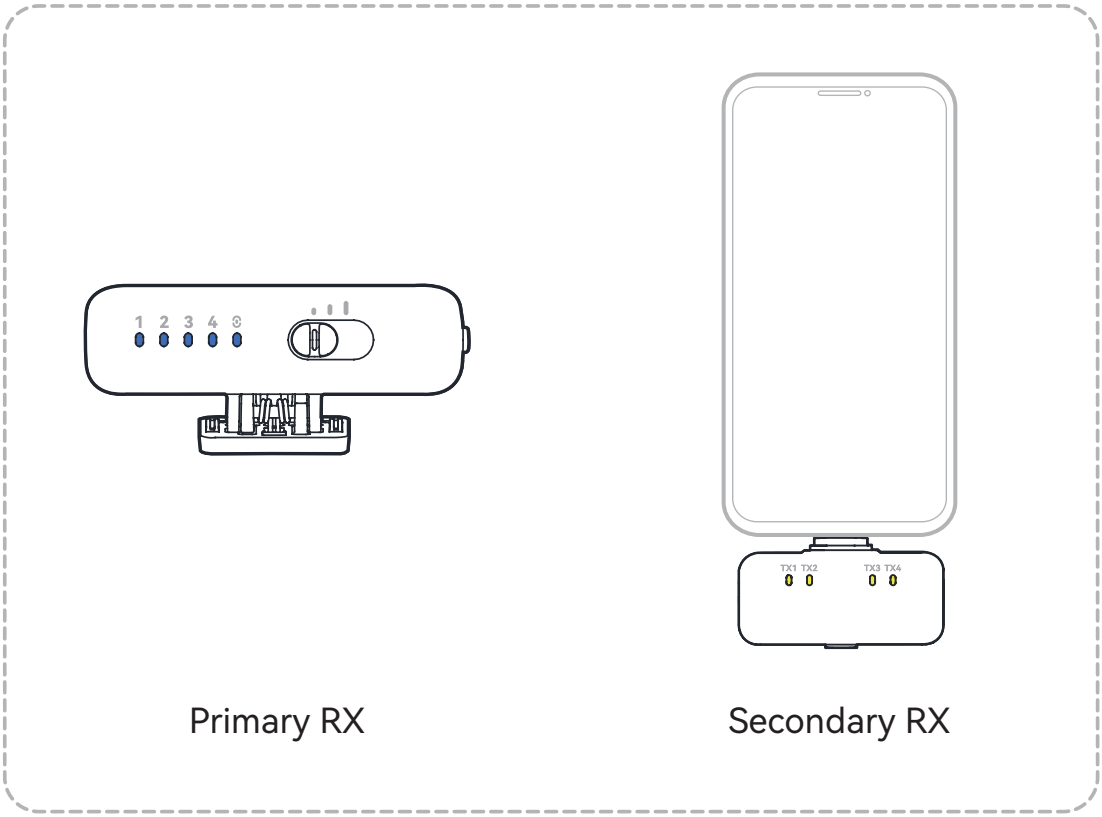
Primary RX



Secondary RX

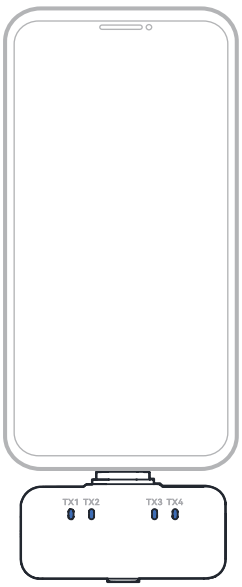
Pairing Camera RX and USB-C RX

1. Remove the camera RX from its charging case and insert the USB-C RX into the phone simultaneously.
2. Press and hold the pairing buttons on both the USB-C RX and the camera RX for 3 seconds to enter pairing mode. Once paired, the system will automatically designate one RX as the Primary RX and the others as Secondary RXs.
3. When the camera RX serves as the Primary RX, its indicator will be solid blue, and the TX indicator on the Secondary USB-C RX will flash yellow. After connecting the TX device, the TX indicator on the USB-C RX will turn solid.

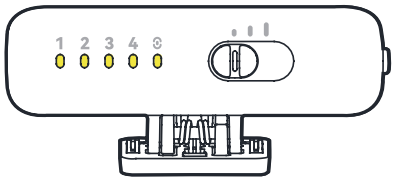


4. When the USB-C RX is set as the Primary RX, the RX indicator on the camera RX remains solid yellow. (When the TX is not connected, the TX indicator on the Primary RX flashes blue, and the TX indicator on the Secondary RX flashes yellow.)

* If pairing is not completed within 60 seconds, the devices will automatically exit pairing mode This system supports up to four receiver connections.



Primary RX

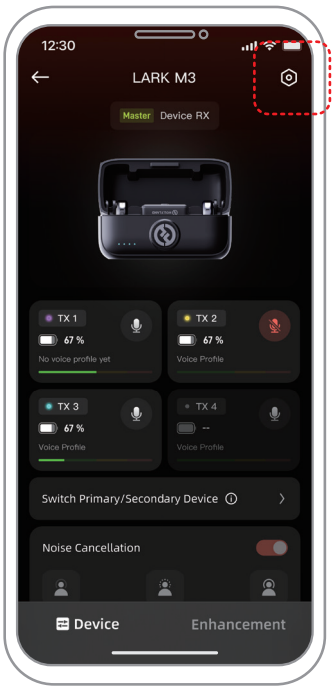


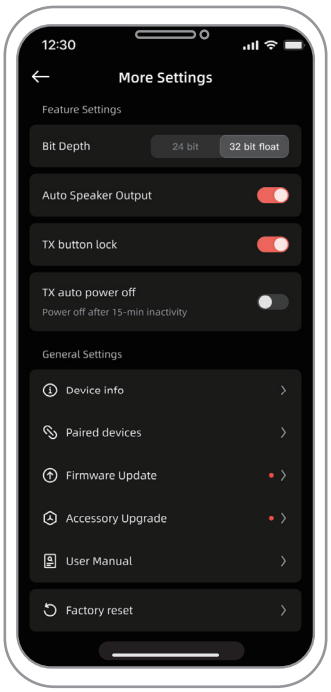
Secondary RX

APP

Function Settings

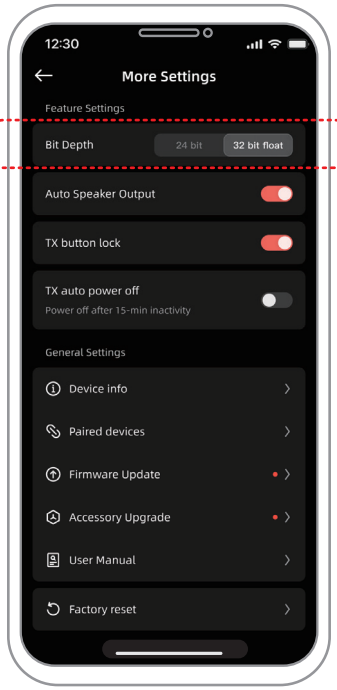
Open the settings menu from the main screen to configure features such as playback without unplugging, TX button lock, and automatic TX shutdown.





Bit Depth

The default bit depth is 24-bit. Switching to 32-bit float depth requires a device restart; complete this setting before recording to avoid interruptions. Note that 32-bit float depth is only supported by PC audio recording software. When using editing or audio applications, set their bit depth to 32-bit float. If your recording device does not support 32-bit float, the system will automatically revert to 24-bit.

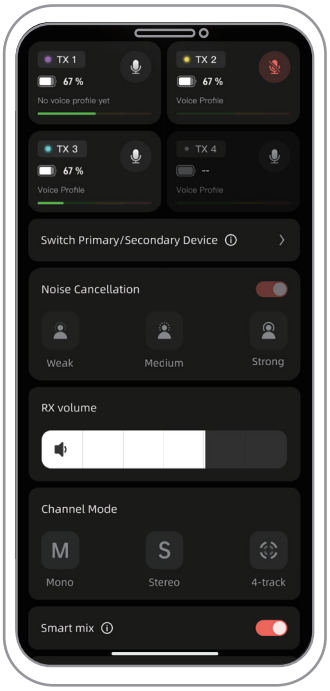


Product Firmware Update

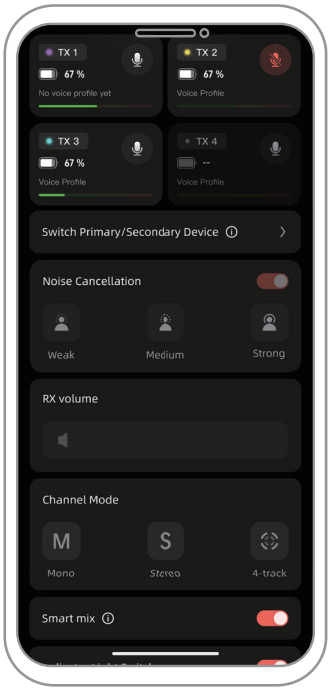
To update your device, connect them all and use the app to upgrade the firmware on your connected USB-C RX, camera RX, and TX. Ensure all devices remain connected throughout the process to guarantee a successful update.

Noise Cancellation

After the USB-C RX is connected to the phone, you can adjust the noise reduction level through the Primary RX in the app. The Secondary RX does not have adjustment permissions.



Primary RX Interface



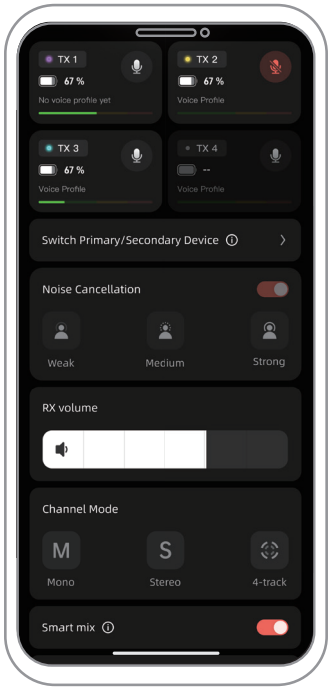
Secondary RX Interface

RX Volume

The RX allows independent volume adjustment. Both the Primary and Secondary RX can set their volumes separately.

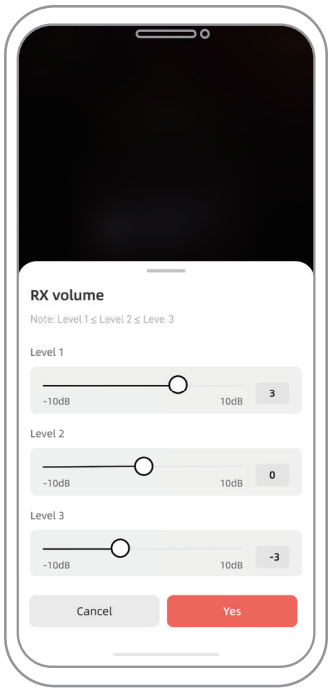
USB-C RX

The USB-C RX can adjust its volume through the app.



Camera RX

The camera RX's audio gain can be quickly adjusted using the gain slider. You can also customize the gain levels within the app.



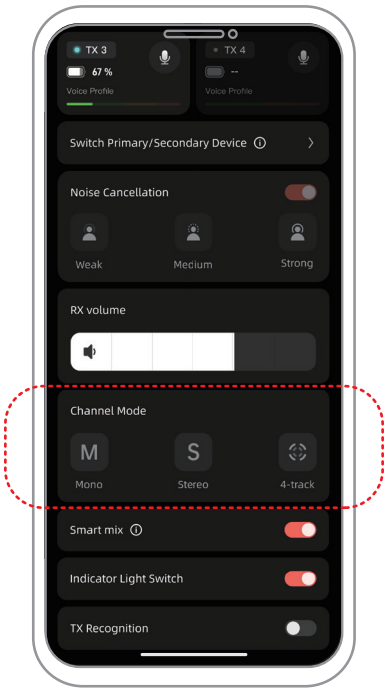
Channel Mode

The RX allows independent channel mode configuration.

(Note: Switching to 4-Track mode may cause intermittent audio on the corresponding RX. Set the channel mode before recording to ensure stable audio.)

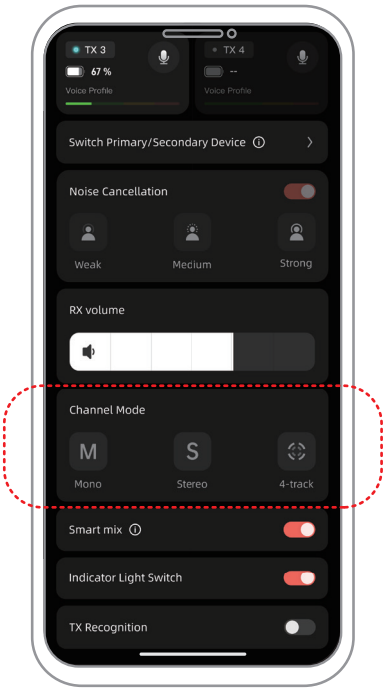
USB-C RX

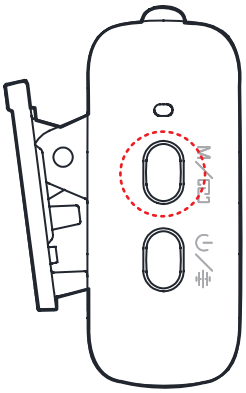
When the USB-C RX switches to 4-Track mode, only PC and third-party audio recording apps on iOS support 4-track audio. Native Android and iOS camera apps do not support this mode; please switch to Stereo or Mono instead. (When recording with four TXs in 4-Track mode, native iOS camera apps can only capture audio from two TXs. To ensure all four TXs are recorded, switch to Mono or Stereo.)



Camera RX

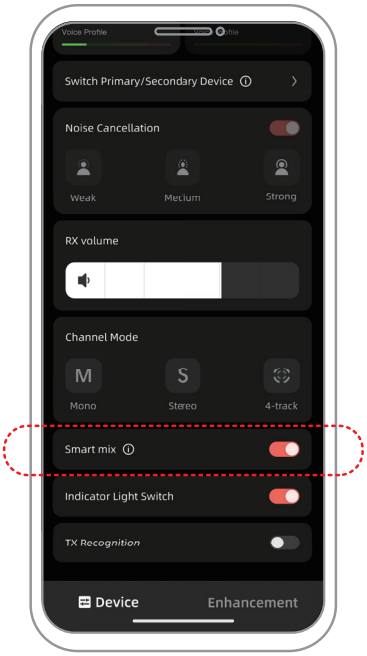
When the Camera RX is connected to a camera via the hot shoe or to a computer using a USB-C to USB-C cable, you can quickly switch to 4-Track mode using the side button on the Camera RX. (If the Camera RX is not connected via the hot shoe or the USB-C to USB-C cable, it only supports Mono and Stereo modes. If the device does not support 4-Track mode, it will automatically switch to Stereo mode.)





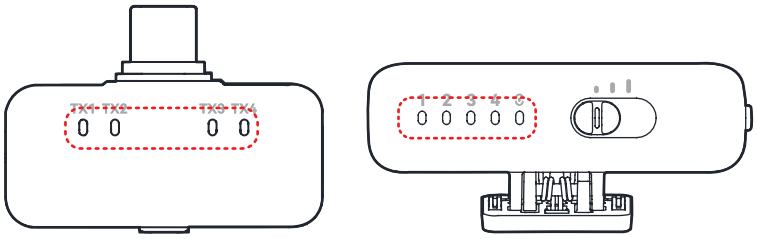
Smart Mix

When using more than two TXs, Smart Mix reduces ambient noise during multi-person recording while emphasizing the voice of one primary speaker, ensuring clear audio for the main speaker. (Only supports Mono mode)



Indicator Switch

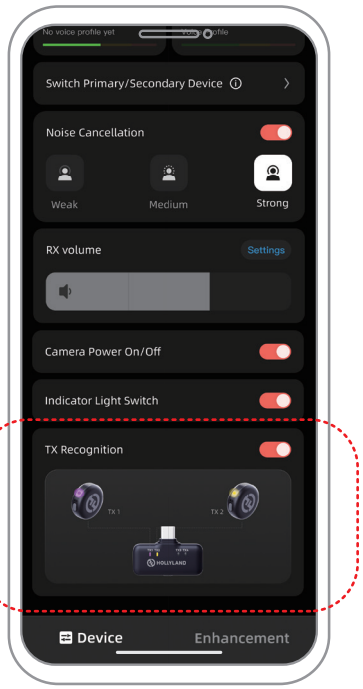
After turning off the indicator switch, the TX indicator will turn off, and the TX status will be displayed on the RX or in the app.





TX Identification

When TX identification is enabled, you can confirm which TX device is being used by the color of its light.



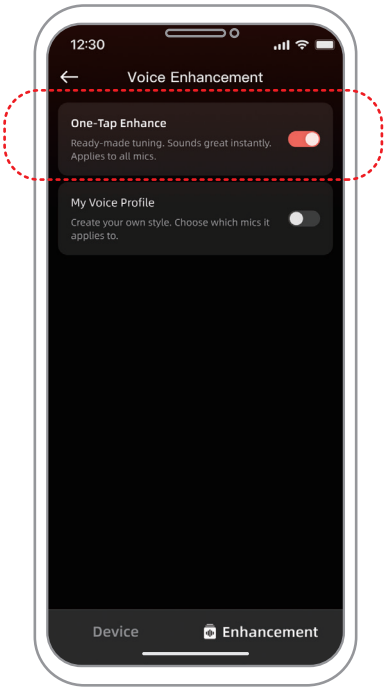
Voice Tuning

The Voice Tuning feature applies style optimization and refinement tailored to human voices, effectively improving vocal texture while reducing sibilance and harsh high-frequency sounds.

(To ensure clear and stable audio, complete the Voice Tuning settings before recording.)

One-Tap Vocal Enhancement

Once the One-Tap Vocal Enhancement function is enabled, it automatically suppresses sibilance, resulting in clean and clear audio. After activation, any connected TX devices—and newly connected ones—will also have this feature enabled simultaneously.



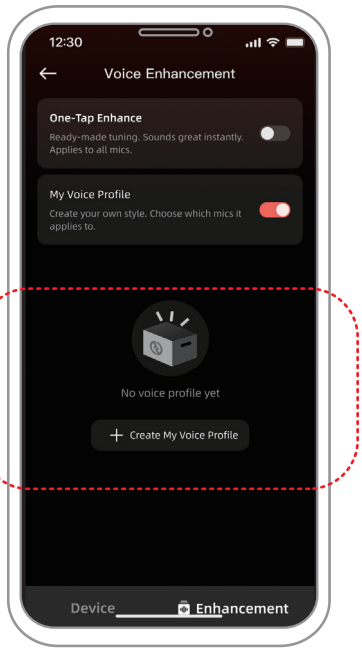
My Voice Profile

My Voice Profile supports preset selection and fine-tuning of sound. For everyday use, you can quickly switch between preset enhancement effects based on different scenarios. Each TX can independently apply a preset effect, with up to four TX devices each using a different preset.

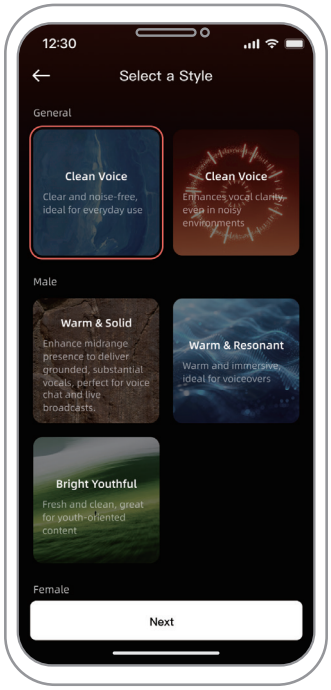
(Due to variations in speaker performance across different smartphone brands, we recommend using your own headphones to confirm and adjust the final effect.)

Voice Enhancement Settings

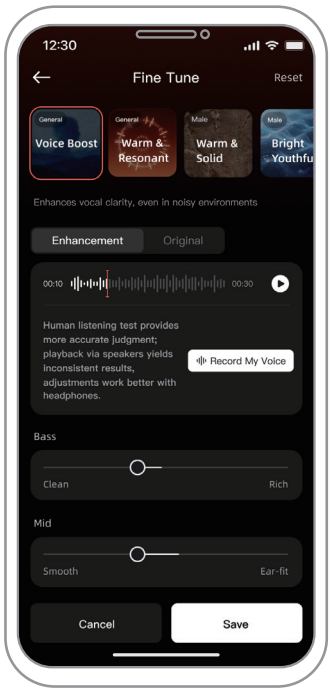
1. Tap Create My Voice Profile to configure your voice enhancement settings.



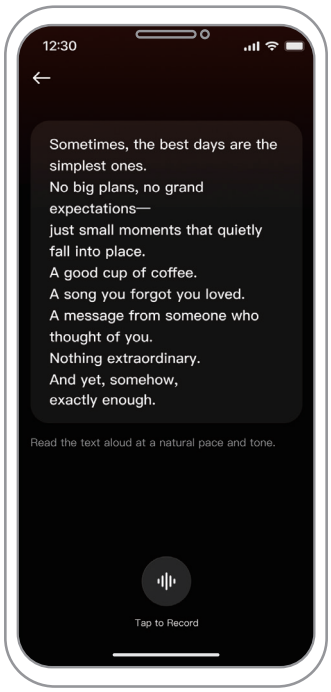
2. Voice presets include General, Male, and Female options. You can select the preset that best suits your needs and the specific shooting scenario.



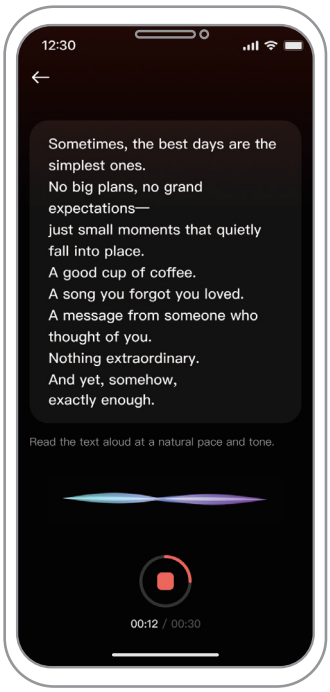
3. After confirming the voice preset, you can adjust its effects. The app includes built-in official voice options, allowing you to switch between a beautified vocal effect and the original sound for comparison. You can also record your own voice to preview the enhancement (to protect your privacy, these recordings are stored locally on your mobile device). Use the bottom slider to fine-tune the effect, then save your settings.



Adjustment Interface

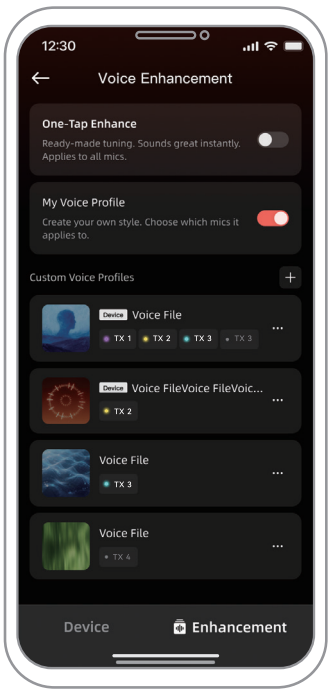


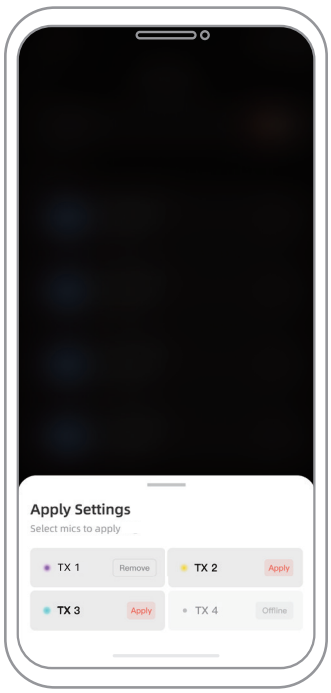
Tap to Record

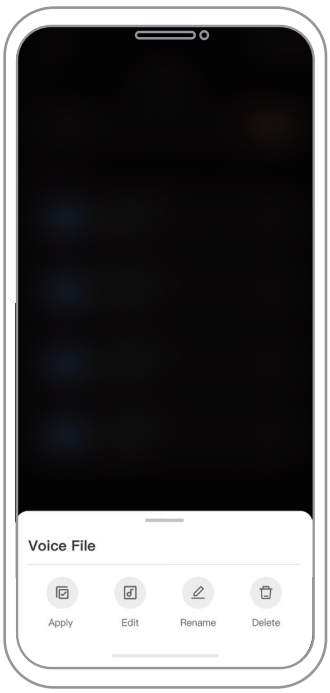


Recording

4. Once saved, the voice preset will appear in the preset list. Select it to apply and push it to your TX device.Voice presets can be edited at any time without requiring you to re-record or readjust the settings, reducing repetitive operations.







App Information

HollyAudio

The HollyAudio App is available for download on Google Play Store and Apple App Store. You can also scan the QR code below to download the app.

The HollyAudio 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.

App

Made for iPhone | iPad

Requires iOS 12.0 or higher

DOWNLOAD APK android

Requires Android 8.0 or higher

Specifications

TX Sensitivity	-37dBV±2dBV@1kHz,94dBSPL
Wireless Modulation Mode	QPSK 3Mbps
Wireless Transmission	2.4 GHz Adaptive Frequency Hopping
Transmission Range	TX: 300 m
TX Polar Pattern	Omnidirectional
Frequency Response	20Hz~20kHz
Signal-to-Noise Ratio	≥ 70dB
Max Sound Pressure Level	125dB SPL
Sample Rate and Bit Depth	48kHz/24-bit & 48kHz/32-bit float
Battery Voltage	TX: 3.87V Camera RX: 3.87V Charging Case: 3.7V
Battery Capacity	TX: Approx. 95mAh Camera RX: Approx. 260mAh Charging Case (2TX&2RX): Approx. 1800mAh
Operating Time	TX: Approx. 8 hours Camera RX: Approx. 9 hours
Charging Cycles	Charging Case (2TX&2RX): > 2 times charging for 2 TX
Charging Time	TX: Approx. 1.5 hours Charging Case: Approx. 2.5 hours
Charging Temperature	0~45℃
Operating Temperature	-10~60℃

Dimensions	TX: Approx. D26.5*10mm USB-C RX: Approx. 40*16.5*9mm Camera RX: Approx. 40*25*13mm
Weight	TX: Approx. 9g USB-C RX: Approx. 5.9g Camera RX: Approx. 20g

Disclaimer

Safety Precautions

Do not place the device near or inside heating devices (including but not limited to microwave ovens, induction cookers, electric ovens, electric heaters, pressure cookers, water heaters, and gas stoves) to prevent the battery from overheating and exploding. Use the original charger, data cables, and batteries provided with the product. Using unauthorized or incompatible chargers, data cables, or batteries may cause electric shock, fire, explosion, or other dangers.

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
- HollylandTech
- support@hollyland.com
- www.hollyland.com

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HOLLYVIEW

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