FULAIM

X5 Series User Manual

Quick Guide

Overview

Thank you for choosing our Wireless Microphones.

This device adopts 2.4G AFH (adaptive frequency hopping) and innovative digital wireless low-latency technology, provides high quality audio, stable and reliable signal transmission. It can be widely used in interviews, short video recordings, program hosting, live streaming, teaching and training, and other wireless applications.

What's in the box

Recording Transmitter * 2

Receiver * 1

Charging Case * 1

Camera audio cable * 1

Type-C OTG adapter * 1

Furry windscreen * 2

Type-c data cable * 1

Recharging cable * 1

I.User interface of transmitter (TX)

① MIC IN Port: Plug in the lavalier microphone

② Built-in MIC: Omni-directional pick-up, put on the furry windscreen to reduce the wind noise

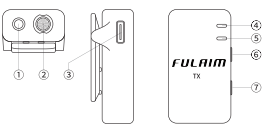
③ Type-C Port: Charge the charging case and output audio files

④ Power/Status indicator: Flashes in blue when not connected, lights in blue when connected, flashes in red when not connected and battery is low, lights in red when connected and battery is low, flashes in red while charging, lights in blue and stay on when fully charged

⑤ Function setting indicator: Lights in blue when noise reduction is on; flashes in red when recording is on; flashes in blue when both functions are on

⑥ Power button: Press and hold for 1 second to turn on or off

⑦ SET button: Click to turn on/off noise reduction function; press and hold for 2 seconds to turn on/off recording function (if applicable)



Transmitter(TX)

II.User interface of receiver (RX)

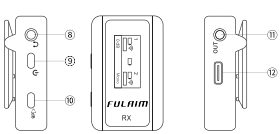
⑧ Headphone output: Real-time audio monitoring

⑨ Power button: Press and hold for 1 second to turn on or off

⑩ SET button: Click to adjust the volume level, long press to switch the output mode

⑪ Audio output: For connecting the receiver to recording device such as camera, etc.

⑫ Type-C port: For charging the receiver/connecting the receiver to recording device such as cell phone, laptop,etc.



Receiver (RX)

TFT display of receiver

⑬ Transmitter channel and connection status: Lights in green means the transmitter is connected; lights in white means no connection

⑭ Transmitter battery level

⑮ Wireless signal indicator

⑯ Receiver battery level

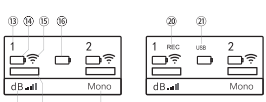
⑰ Output volume level

⑱ Audio level: Displays the microphone audio signal

⑲ Output mode: Mono is mixed output, namely band 1 and 2 are all mixed on both the left and right channel; Stereo is stereo output (band 1 is the left channel output, while band 2 is the right channel output); Ms is safe track output-the right channel output is 6 dB less than the left channel

⑳ Transmitter recording status: Indicates "REC" while recording (if applicable)

㉑ USB connection: This icon will show up when the cell phone or computer is successfully connected through the OTG audio cable or adapter



TFT display of receiver

III.Matching

When TX and RX cannot be connected, follow the steps below for re-matching:

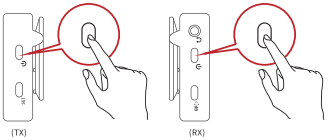
1. TX: Turn on the transmitter, press and hold the power button and SET button at the same time for 2 seconds, the power indicator will flash shows the transmitter enters the matching mode (if there are two TXs, just operate same as above); then go to step 2.

2. RX: Turn on the receiver, press and hold the power button and SET button at the same time for 2 seconds, the signal indicator on the display panel of the receiver will flash shows the receiver enters the matching mode.

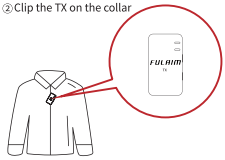
3. Wait till the indicator of both TX and RX stop flashing, the matching is complete.

IV.Start using

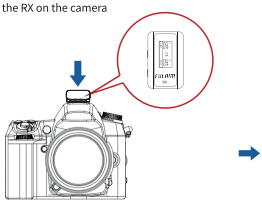
①Long press the power button of the TX and RX to turn on



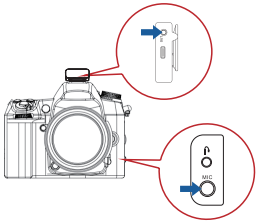
②Clip the TX on the collar



③Mount the RX on the camera



④Connect the“OUT” Port of the RX with the “MIC IN”Port of the camera by using the 3.5mm camera audio cable



⑤Set the RX output volume to 2-3 levels and set the camera recording volume to a lower level to improve the signal to dryness ratio and make the recording without clipping distortion

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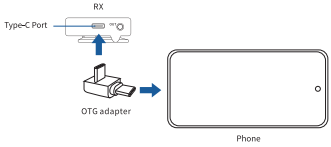
RX - How to use on cell phone:

Connect the Type-C Port of the RX with the Port of the cell phone by using the Type-C OTG adapter or Lightning OTG adapter



*For some cell phones with Type-C Port, you need to turn on the OTG function in the phone setting section

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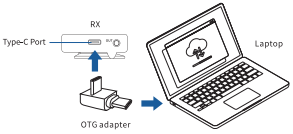
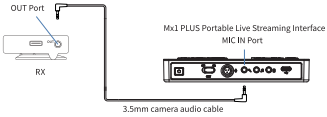
RX - How to use on other devices:

①Connect the Type-C Port of the RX with the Type-C/USB Port of the laptop by using the Type-C OTG adapter



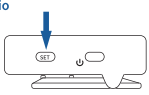
②Connect the “OUT”Port of the RX with the “MIC IN”or “LINE IN”Port of the audio interface by using the 3.5mm camera audio cable



V.Built-in 4GB of internal storage in transmitter, which can handle up to 9 hours of audio

Long press the SET button of the transmitter for 2 seconds to start/end the recording. This function is only used for audio backup. Recording files are automatically saved/deleted in cycles.

* Storage space is about 4GB
* Recording files are exported by using the Type-C cable



(TX)

VI.Precautions

1.This product is a precise electronic device, which should avoid water or heavy fall, if it gets wet, please dry it in time, and hand it up to professional technician for further checking.
2.When not using for a long time, the built-in rechargeable Li-battery should be fully charged every three months to maintain the high performance of the battery.
3.The built-in battery must not be exposed to sunlight, fire, or similar overheating environment.
4.If TX/RX cannot be shut down, press and hold the power button for 8 seconds to reset.
5.To avoid intermittent signal, please try to keep the transmitter and receiver face to face while using.

Face to face(correct)

Reverse direction(wrong)

VII.Specifications

Frequency range: 2402 - 2480 MHz
Modulation: GFSK
Frequency response: 30 Hz - 20 kHz
Audio latency: ⩽ 20 ms
Transmit power: ⩽ 10 dBm
Power supply: DC 3.7V (built-in Li-battery)
Recharging input: 5V⎓ 500mA
Power management: Shut down automatically after 5 minutes no connection
Operating temperature: 0°C to 55°C
Storage temperature: -20°C to +55°C
Dimensions: 47 * 26 * 13 mm (TX); 47 * 29 * 14 mm (RX)
Net weight: Approx.18g (TX); approx.21g (RX)

Charging case :

Recharging input: 5V⎓ 2A
Power supply: DC 3.7V/2000mAh (built-in Li-battery)
*Opening the lid can activate indicator to check the remaining battery power
*Closing the lid will enter the charging mode automatically
*A fully charging case can charge TX+TX+RX for 2 times
*Opening the lid will automatically turn on the TX and RX in the charging case; closing the lid will automatically turn off the TX and RX in the charging case

FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

*RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable

◇The image shown here is indicative only. If there is inconsistency between the image and the actual product, the actual product shall govern.

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