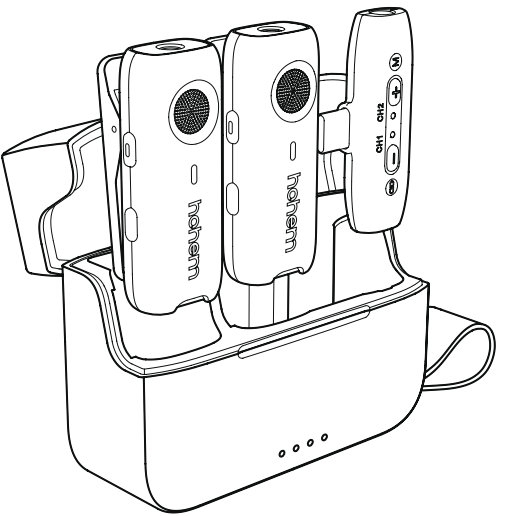
hohem 浩瀚

MIC-01

Wireless Lavalier Microphone
User Manual V1.0



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Warnings & Disclaimers

· Thank you for buying the Vast MIC-01. Once you use this product, it is deemed that you have carefully read the disclaimer and warning, understand, accept and accept all terms and contents of this statement. You undertake to take full responsibility for the use of this product and the consequences that may result from it. You undertake to use the Product only for legitimate purposes and agree to these Terms and any applicable rules, policies and guidelines established by hohem.

· hohem is not responsible for damage, injury or any legal liability arising from direct or indirect use of this product. Users should follow all safety guidelines, including but not limited to those mentioned herein.

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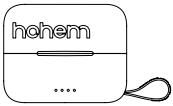
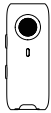
01 Product list

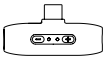
Before using this product, please carefully check whether the product packaging contains all of the following items, if missing, please contact customer service or your purchase channel.



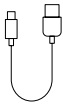
Charging storage box *1



TX emitter *2

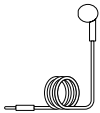


RX receiver *1



Type-C Charging cable *1

Rabbit hair windbreaker *2



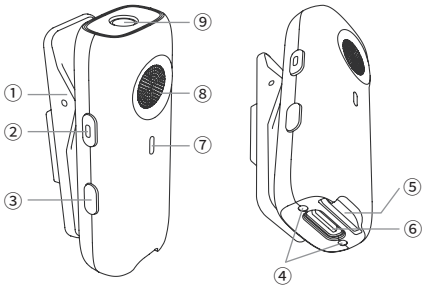
Headphones *1

Specification *1

02 Product Overview

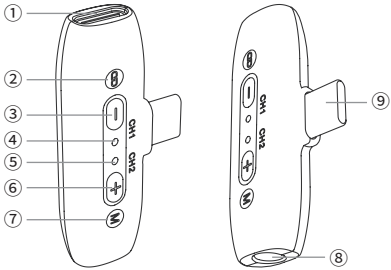
TX emitter

① collar clip
② Power button (shutter)
③ Mode switch key (repair)
④ Charging metal contact
⑤ TF card slot
⑥ Type-C Charging port
⑦ Indicator light
⑧ Radio port
⑨ External microphone jack



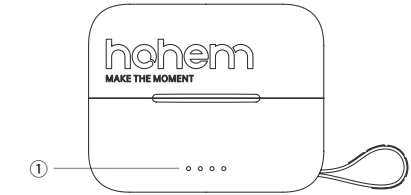
RX receiver

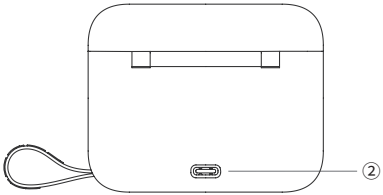
① Type-C charging port
② Pairing icon
③ CH1 gain - key (cut Change audio mode)
④ CH1 indicator
⑤ CH2 indicators
⑥ CH2 gain + key (Repair)
⑦ Mode icon
⑧ 3.5mm TRS earphone listening port

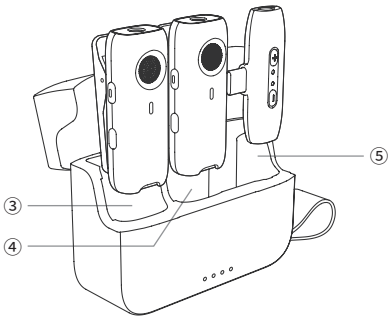


⑨ Type-C interface (Android version) /Lightning interface (Apple version)

Charging storage box: two send and one receive





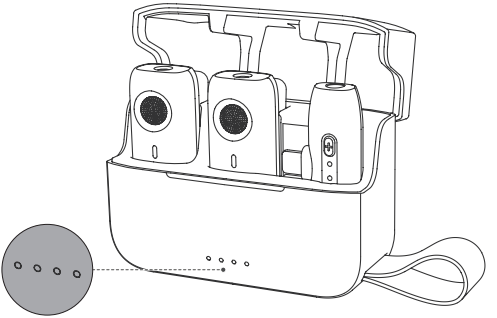


- ① Charging box power indicator
  ② Type-C charging port
  ③ TX transmitter 1 charging area
- ④ TX transmitter 2 charging area
  ⑤ RX receiver placement area

03 Charging instructions

Before use, please ensure that the TX transmitter has sufficient power, if the power is insufficient, the TX can be charged in the charging box.

TX1 charging: The leftmost light outside the box blinks
TX1 Fully charged: The leftmost light outside the box is off
TX2 charging: The light on the far right outside the box blinks
TX2 Fully charged: The right-most light outside the box is off
TX low power warning: less than 10% power, the indicator light is red; Below 3% power, the red light flashes until shutdown (the indicator has the highest priority, and no other state can be indicated in this state)



* After opening the battery compartment cover, light the number of lights, corresponding to the charge box power

Light 4 lights: 100%
3 lights on: 75%
Light 2 lights: 35%
1 light on: 15% (1 light on); Less than 3% (1 light flashing, low power warning, stop external power supply)

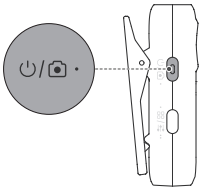
* Use the standard USB charging cable to plug into the Type-C port to charge the charging box
Charging: The single indicator blinks slowly
Charging complete: All four indicator lights are on

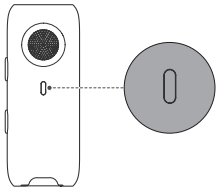
04 TX transmitter power on & wear

a. On/Off: Hold down the power button for 3 seconds

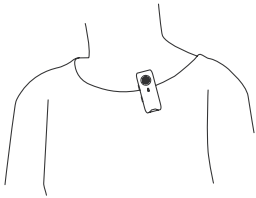
On: The indicator blinks

Off: The indicator is off

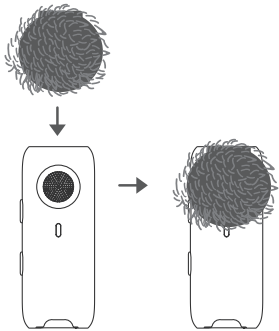




b. Wear the transmitter at the neckline, and the best radio effect is 10cm from the neckline to the mouth.



c. To reduce wind noise and wheat spraying, install the windproof jacket at the receiver end of the transmitter.



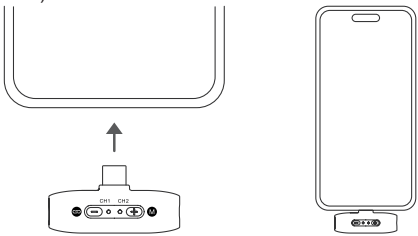
05 RX receiver connection & pairing

(Make sure the TX transmitter is powered on)

RX The receiver is connected to the recording device

a. Connect your phone

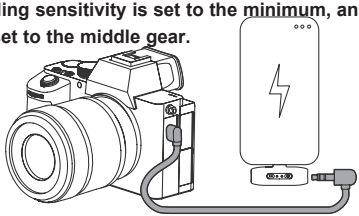
Plug the standard Lightning port RX into your phone's Lightning port (Apple version), or the standard Type-C port RX into your phone's Type-C port (Android version).



b. Connected camera

*** The receiver does not include batteries and requires an external power supply when connecting the camera**

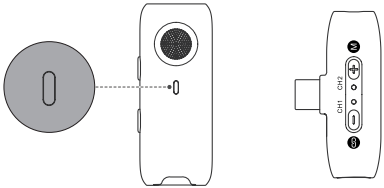
First, connect the standard Type-C interface RX to the external mobile power supply (charging bank) output outlet, and then connect the 3.5mm audio output interface of the RX to the 3.5mm audio input interface of the camera (identified by the camera with microphone) through the 3.5mm TRS conversion cable. At the same time, the camera recording sensitivity is set to the minimum, and the RX output sensitivity is set to the middle gear.



* In order to achieve better recording results, it is recommended that the camera be equipped with hohem MT2, which can not only power RX through the power output of MT2, but also ensure a better shooting experience.

The RX receiver is paired with a recording device

The TX transmitter current mode indicator is steady on, and the RX receiver current mode indicator is steady on, indicating successful pairing.

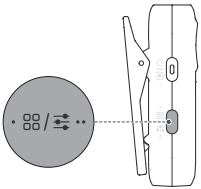


06 Description of microphone functions and indicators

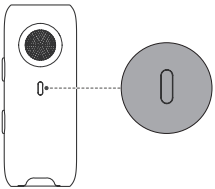
The function with * ensures that the TX transmitter is successfully paired with the RX receiver

Noise reduction function

（Make sure the TX transmitter is powered on）



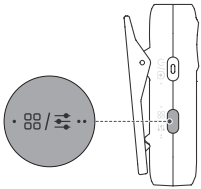
On/Off: Press the TX transmitter Mode switch button

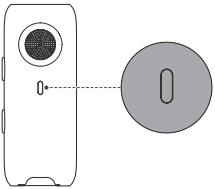


Standard noise reduction mode: The indicator is steady green
Strong noise reduction mode: The indicator is steady blue
Off the noise reduction mode: The indicator is steady yellow

* The default noise reduction mode for the first time, not the first time, the product retains the mode adjusted by the user before the last shutdown

Reverberation function *



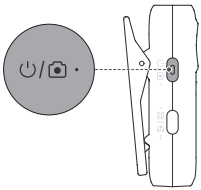


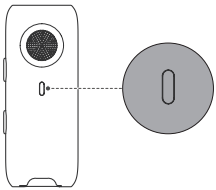
On/Off: Press the TX transmitter mode switch button twice

On: The indicator is steady red
Off: The current mode indicator is steady on

Phone shutter function *

Remote control of mobile phone shooting and short video recording

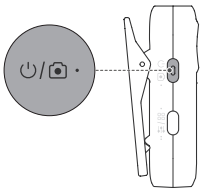


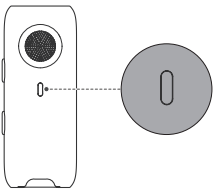


On/Off: Simply press the TX transmitter power button

On: The indicator blinks
Off: The current mode indicator is steady on

One click mute function *



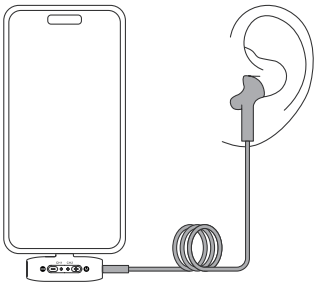


On/Off: Double press the TX transmitter power button

On: The indicator is steady white
Off: The current mode indicator is steady on

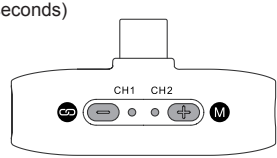
Ear back monitoring function *

Plug the earphone into the earphone listening port on the RX receiver to monitor speech and recording in real time.



Gain adjustment function *

a. Enable the CH1 gain adjustment mode (corresponding to adjusting TX1 audio) : Press the CH1 gain - key twice. The CH1 indicator is steady yellow
Increase/decrease gain: Simply press "+" or "-"
Exit gain mode: Double press CH1 gain - key (or automatically exit without operation within 10 seconds)



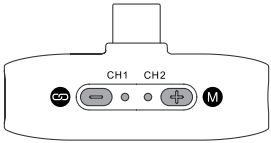
b. Enable the CH2 gain adjustment mode (corresponding to adjusting TX2 audio) : Press the CH2 gain + key twice. The CH2 indicator is steady yellow
Increase/decrease gain: Simply press "+" or "-"
Exit gain mode: Double press CH2 gain + (or automatically exit without operation within 10 seconds)

Tips:

· ① The microphone supports 5 levels of gain adjustment, and the default middle (3) gain adjustment for the first time; If it is not the first time, the product retains the gear adjusted by the user before the last shutdown
② In non-gain mode, the gain adjustment key does not function

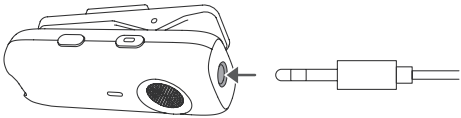
Mono/stereo switching *

To switch audio mode: Hold down the CH1 gain - key for 3 seconds
Mono: The CH1 and CH2 indicators are blue
Stereo: The CH1 and CH2 indicators are green



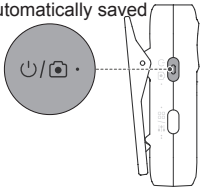
Wired microphone extension *

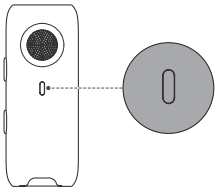
The transmitter is equipped with a 3.5mm external microphone jack, supporting the use of wired microphones.



Recorder function

（The TX transmitter does not detect the RX receiver, while detecting that the TF card slot has been inserted into the TF card) can be used for audio recording or radio backup, supporting recording while charging, recording files are automatically saved





On/Off: Simply press the TX transmitter power button

On: The white indicator blinks slowly with the current mode indicator. Off: The current mode indicator blinks slowly
TF card storage capacity is insufficient: The current mode indicator blinks rapidly

* If the TF card space is not saved in time, the latest recording file will automatically overwrite the earliest recording file

07 Product parameter

Charging box parameters

Dimension	80.0*64.0*30.6mm（No hand rope）
Weight	76g
Input voltage	DC4.8~5.4V
Charging time	About 1.5 hours
Battery capacity	850mAh

Microphone parameter

TX emitter	Size: 50.2*20.6*20.6mm Weight: 14.9g
RX receiver	Size: 46.0*23.5*9.1mm Weight: 5g
Sampling rate	48KHz
Frequency range	2.4GHz
Delay time	25ms
Frequency response range	20-20KHz
Input voltage	DC4.8~5.4V, DC3.7V
Sensitivity	-38 dBFS
Signal-to-noise ratio	64dB
Battery capacity	150mAh
Working hours	7.5 hours (20 hours combined with charging case)
Charging time	About 1.5 hours

* All parameters listed on this page are measured in a controlled test environment in the production version. The results may vary depending on the external environment, usage mode, and firmware version. Please refer to your actual experience.

08 Warranty description

1. 1. Within seven days from the date of sale, if the performance of the product fails, the product and the outer packaging
Keep intact without scratches, and replace the same type of goods after inspection and confirmation of non-human damage.
2. Warranty service is limited to normal use.
3. Under normal use from the date of sale, free warranty within one year, lifetime maintenance, accessories are not within the scope of warranty.
4. Damage caused by all accidental factors or man-made damage, self-disassembly, improper use, etc., is not covered by the warranty.
5. The warranty card corresponding to the product must be presented during the warranty. If you fail to provide the warranty card or alter the warranty card by yourself, the company has the right to identify it as invalid and do not guarantee.

Information filling

User Name:

Contact number:

Mailing address:

Date of purchase:

Machine serial number:

Cause of failure:

FCC Statement

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.

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.

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

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

- English:

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

- French:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

L'appareil a été évalué et répond aux exigences générales d'exposition aux RF. L'appareil peut être utilisé dans des conditions d'exposition portables sans restriction.

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