

580mm

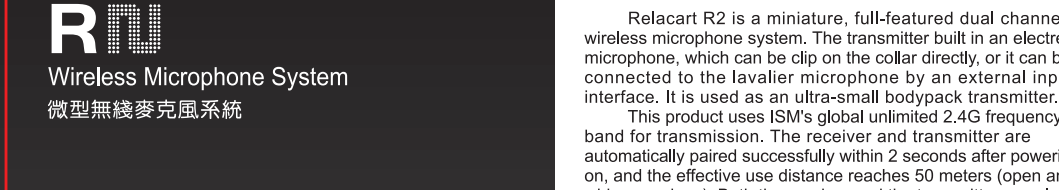
正面

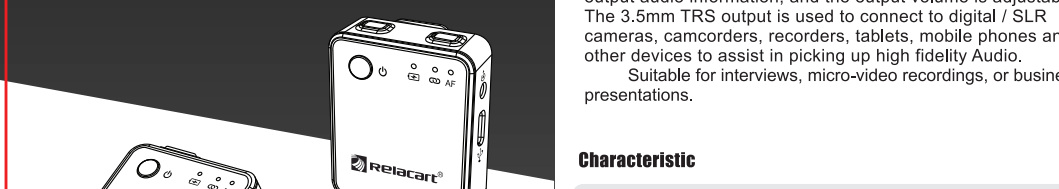
110mm

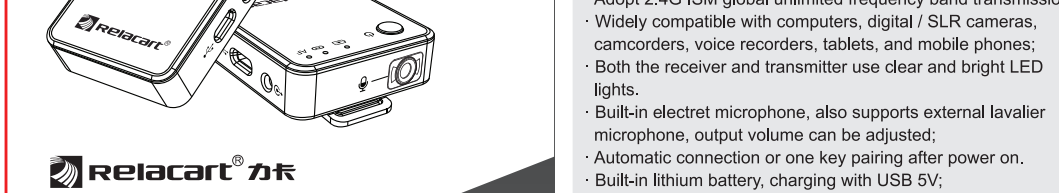


Wireless Microphone System

微型無線麥克風系統









Introduction

Relacart R2 is a miniature, full-featured dual channel wireless microphone system. The transmitter built in an electret microphone, which can be clip on the collar directly, or it can be connected to the lavalier microphone by an external input interface. It is used as an ultra-small bodypack transmitter.

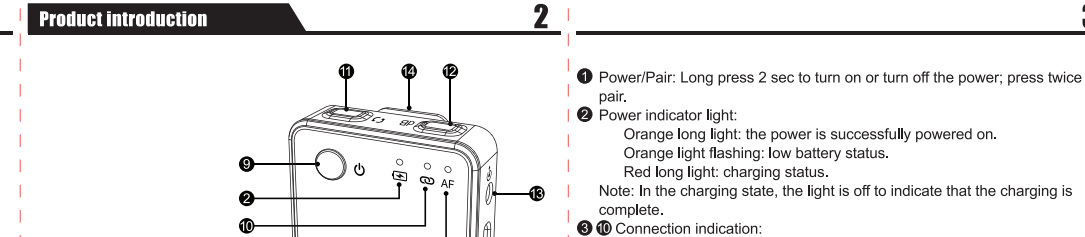
This product uses ISM's global unlimited 2.4G frequency band for transmission. The receiver and transmitter are automatically paired successfully within 2 seconds after powering on, and the effective use distance reaches 50 meters (open and wide occasions). Both the receiver and the transmitter use clear and bright LED lights to display the current dynamic input and output audio information, and the output volume is adjustable. The 3.5mm TRS output is used to connect to digital / SLR cameras, camcorders, recorders, tablets, mobile phones and other devices to assist in picking up high fidelity Audio.

Suitable for interviews, micro-video recordings, or business presentations.

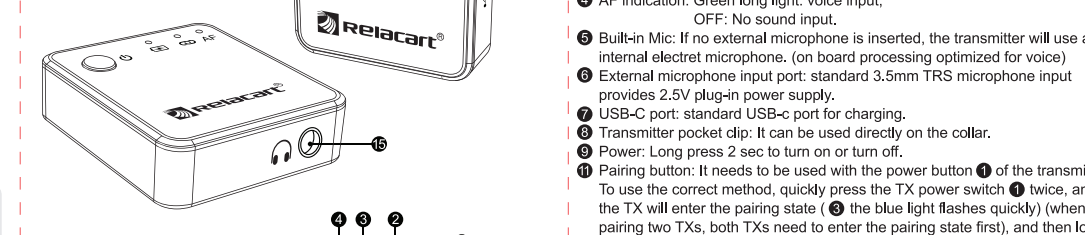
Characteristic

- The body is small and easy to carry;
- Adopt 2.4G ISM global unlimited frequency band transmission;
- Widely compatible with computers, digital / SLR cameras, camcorders, voice recorders, tablets, and mobile phones;
- Both the receiver and transmitter use clear and bright LED lights.
- Built-in electret microphone, also supports external lavalier microphone, output volume can be adjusted;
- Automatic connection or one key pairing after power on.
- Built-in lithium battery, charging with USB 5V;

Product Introduction



(Receiver)



(Transmitter)

1

Power/Lair: Long press 2 sec to turn on or turn off the power; press twice to pair.

Power indicator light:

Orange long light: the power is successfully powered on.

Orange light flashing: low battery status.

Red long light: charging status.

Note: In the charging state, the light is off to indicate that the charging is complete.

Connection indicator:

Blue light flashing: Signal searching.

Blue long light: The device is successfully connected.

AF indication: Green long light: voice input.

OFF: No sound input.

Built-in Mic: If no external microphone is inserted, the transmitter will use an internal electret microphone. (on board processing optimized for voice)

External microphone input port: standard 3.5mm TRS microphone input provides 2.5V plug-in power supply.

USB-C port: standard USB-C port for charging.

Transmitter pocket clip: It can be used directly on the collar.

Power: Long press 2 sec to turn on or turn off.

Pairing button: It needs to be used with the power button of the transmitter. To use the correct method, quickly press the TX power switch 1 twice, and the TX will enter the pairing state 1 (the blue light flashes quickly) (when pairing two TXs, both TXs need to enter the pairing state first), and then long press the pairing button 1 Enter the pairing state 1 blue light flashes quickly, wait for RX, the 2 connection indicator of TX stops flashing, indicating that the connection is successful.

Note: Generally, RX and TX have been paired before leaving the factory, so this operation is not required.

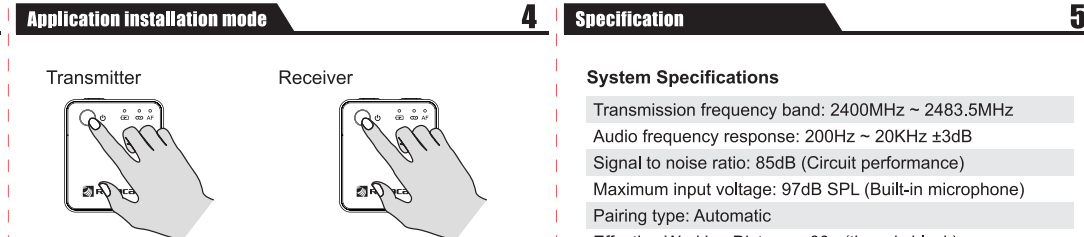
Volume button: Press the "dB" button to set 3 audio setting levels cyclically, and during setting, the 3 LEDs posing to 3 will flash according to the audio output level position of the setting level 1 flashes twice, Level 2 flashes three times, Level 3 flashes four times).

TRS Output port: Standard 3.5 mm TRS output multi-channel signal.

Receiver pocket clip: You can clip the product belt clip to the hot shoe of the SLR camera directly.

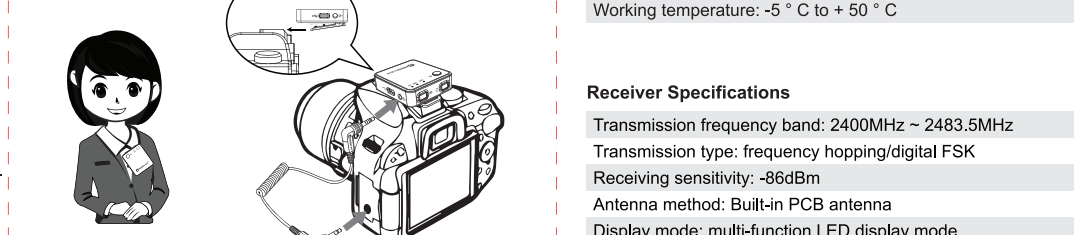
TRS Monitor port: support standard 3.5mm headphone monitor output.

Application Installation mode



Transmitter

Receiver



1

Press the power switch for 2 seconds, and the pairing is successful after power on.

Clip the transmitter onto the user's collar or connect the external microphone.

Before installing the receiver into the camera, create a certain space between the receiver clip and the receiver, and then push the receiver into the camera bayonet to fix it.

4. If an external microphone is used, connect 3.5mm output cable to the output jack of the microphone and the other side to the camera audio input jack.

Specification

System Specifications

Transmission frequency band: 2400MHz ~ 2483.5MHz

Audio frequency response: 200Hz ~ 20KHz ±3dB

Signal to noise ratio: 85dB (Circuit performance)

Maximum input voltage: 97dB SPL (Built-in microphone)

Pairing type: Automatic

Effective Working Distance: 30m(there is block)

50m(in open space)

Working temperature: -5 ° C to + 50 ° C

Receiver Specifications

Transmission frequency band: 2400MHz ~ 2483.5MHz

Transmission type: frequency hopping/digital FSK

Receiving sensitivity: -86dBm

Antenna method: Built-in PCB antenna

Display mode: multi-function LED display mode

Power requirements: built-in lithium battery, standard USB 5V charging via TYPE-C interface

Battery life: > 7 hours

Output connector: 3.5mm TRS

Working temperature: -5 ° C to + 50 ° C

Dimensions: 50 mm * 44.5mm * 15mm

Weight: 35g

Transmitter Specifications

Transmission frequency band: 2400MHz ~ 2483.5MHz

Modulation type: frequency hopping/digital FSK

Transmit power: 10dBm

Antenna method: Built-in PCB antenna

Microphone pickup method: omnidirectional (built-in microphone and external lavalier)

Display mode: multi-function LED display mode

Power requirements: built-in lithium battery, standard USB 5V charging via TYPE-C interface

Battery life: > 6 hours

Input connector: 3.5mm TRS

Working temperature: -5 ° C to + 50 ° C

Dimensions: 50 mm * 44.5mm * 15mm

Weight: 35g

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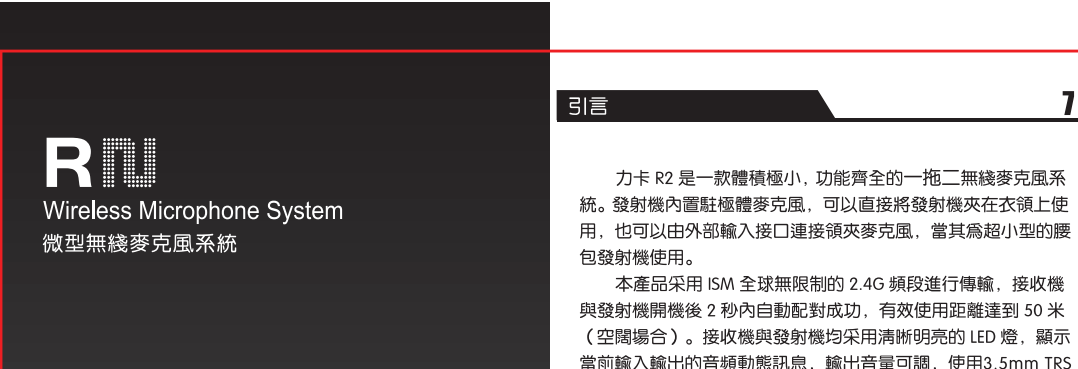
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背面



R2

Wireless Microphone System

微型無線麥克風系統

力卡 R2 是一款體積微小、功能齊全的一拖二無線麥克風系統。發射機內置駐極體麥克風，可以直接將發射機夾在衣領上使用，也可以由外部插入接口連接夾夾麥克風，當其為超小型的腰包發射機使用。

本產品採用 ISM 全球無限制的 2.4G 頻段進行傳輸。接收機與發射機開機後 2 秒內自動配對成功，有效使用距離達到 50 米（空間場合）。接收機與發射機均採用清晰明亮的 LED 燈，顯示當前輸入輸出的音頻動態訊息，輸出音量可調。使用 3.5mm TRS 輸出連接到數碼 / 單反相機、便攜式攝像機、錄音機、平板電腦、手機等設備輔助拾取高保真音頻。

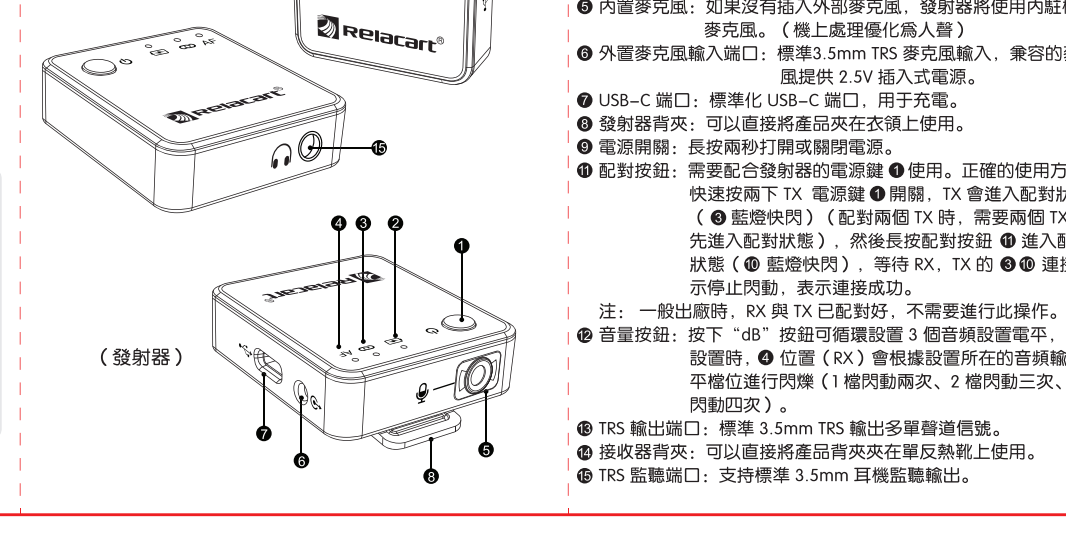
適用於採訪、微視頻錄製或商業演示等應用場合。

特性

- 體積微小，便于攜帶。
- 採用 2.4G ISM 全球無限頻段傳輸。
- 廣泛兼容電腦、數碼或單反相機、便攜式攝像機、錄音機、平板電腦、手機。
- 接收機與發射機均使用清晰明亮的 LED 燈。
- 內置駐極體麥克風，同時也支持外接領夾麥克風，輸出音量可調。
- 開機自動連接或一鍵配對。
- 內置鋰電池，使用 USB 5V 充電。

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產品介紹



(接收器)

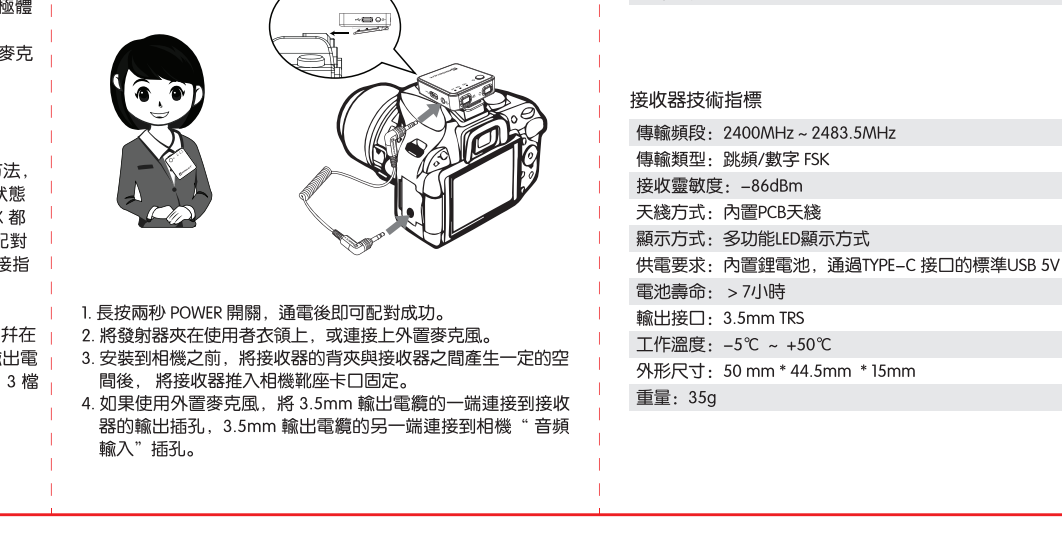
- ① 電源開關 / 配對開關：長按兩秒打開或關閉電源 / 按兩下配對。
- ② 電源指示燈：燈燈長亮：電源通電成功；燈燈閃動：低電量狀態；紅燈長亮：充電狀態。
- ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿

(發射器)

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應用安裝方式



發射器

1. 長按兩秒 POWER 開關，通電後即可配對成功。
2. 將發射器夾在使用者衣領上，或連接到外置麥克風。
3. 安裝到相機之前，將接收器的電纜與接收器之背產生一定的空間後，將接收器插入相機底座卡口固定。
4. 如果使用外置麥克風，將 3.5mm 輸出電纜的一頭連接到接收器的輸出插孔，3.5mm 輸出電纜的另一頭連接到相機「音頻輸入」插孔。

接收器

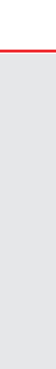
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4

技術規格

發射器技術指標
傳輸頻段：2400MHz ~ 2483.5MHz
音頻頻率響應：200Hz ~ 20KHz ± 3dB
信噪比：85dB (電路性能)
最大輸入功率：97dB SPL (內置麥克風)
配對方式：自動
有效工作距離：30米 (有障礙物)，50米 (空間場合)
工作溫度：-5℃ ~ +50℃

接收器技術指標
傳輸頻段：2400MHz ~ 2483.5MHz
傳輸類型：跳頻 / 數字 FSK
接收靈敏度：-86dBm
天線方式：內置PCB天線
顯示方式：多功能LED顯示方式
供電要求：內置鋰電池，通過TYPE-C 接口的標準USB 5V 充電
電池壽命：> 7小時
輸出接口：3.5mm TRS
工作溫度：-5℃ ~ +50℃
外形尺寸：50 mm * 44.5mm * 15mm
重量：35g



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双面：580 x 110 mm，100克书写纸
红色框：说明书尺寸大小
红色虚线：折叠位置（风琴折）