



Relacart R1 Wireless Microphone System is a miniature, full-featured wireless microphone system. The transmitter built in an electrets 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.

### Key Features



#### Widely Compatible

- Widely compatible with computers, digital / SLR cameras, camcorders, voice recorders, tablets, and mobile phones



#### Automatic Pair

- 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).



#### Flexible Expansion

- Built-in electret microphone, also supports external lavalier microphone, output volume can be adjusted;



#### Super Wide Frequency Range

- Adopt 2.4G ISM global unlimited frequency band transmission



#### Convenient Design

- The body is small and easy to carry;
- Both the receiver and transmitter use clear and bright LED lights.
- Automatic connection or one key pairing after power on.
- Built-in lithium battery, charging with USB 5V;
- When the transmitter and receiver is not connected within 2minutes, the equipment will be shut down automatically.

### Product Specification



R1

Single Channel Wireless Microphone System

Transmission Frequency Band:	2400MHz ~ 2483.5MHz
Audio Frequency Response:	200 Hz ~ 20 KHz ±3 dB
S/N:	85dB (Circuit performance)
SPL:	97dB (Built-in microphone)
Pairing Type:	Automatic
Effective Working Distance:	30m(there is block) 50m(in open space)
Working Temperature:	-5°C to +50°C



R1-R

Wireless Receiver

Transmission Frequency Band:	2400MHz ~ 2483.5MHz
Transmission Type:	Frequency hopping/digital FSK
Receiving Sensitivity:	-86dBm
Antenna Method:	Ceramic 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:	3.5 mm TRS, Monitor, Type-C digital output
Headphone Monitor Output:	Yes
Working Temperature:	-5°C to +50°C
Dimensions(mm):	50×44.5×15
Weight:	35g



R1-T

Wireless Transmitter

Transmission Frequency Band:	2400MHz ~ 2483.5MHz
Modulation Type:	Frequency hopping/digital FSK
Transmit Power :	10dBm
Antenna Method:	Ceramic 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:	≤7 hours
Output Connector:	3.5mm TRS
Working Temperature:	-5°C to +50°C
Dimensions(mm):	50×44.5×15
Weight:	35g