

Technical parameters of remote control

Working voltage: DC9V

Emission current: 65mA

Receiving current: 16mA

Standby current: 5UA

Working frequency: 434MHz (customizable 868915MHz)

Encoding method: Custom pairing

Modulation method: FSK (frequency modulation)+LORA (spread spectrum)

Feedback indication: Beeping sound

Remote control distance: 6000M (open space)

Working temperature: -10 °C~+70 °C

Size: 50 * 20 * 1.0mm

Module technical parameters

Working voltage: DC5V

Working current: 16mA

Emission current: 65mA

Working frequency: 434MHz (customizable 868915MHz)

Encoding method: Custom pairing

Modulation method: FSK (frequency modulation)+LORA (spread spectrum)

Receiving sensitivity: -148dBm

Remote control distance: 6000M

Working temperature: -10 °C~+70 °C

Size: 51 * 24mm

Pin Description:

D0: Data output

D1: Data output

D2: Data output

D3: Data output

GND: Negative pole of power supply

VCC: Positive pole of power supply

Usage

1: Code matching method: Press and hold the K1 code matching button for 3 seconds, the LED indicator light will be on. Press any key on the remote control device, and the code matching indicator light will flash twice, indicating successful code matching.

2: Delete pairing: Press and hold the pairing key until the LED flashes three times, indicating successful deletion of pairing

Applicable objects

Remote control operation, unmanned operation in farmland, ranch, and near sea, field call, remote security alarm.

Remote control equipment for land, water, and air.

3 Working Modes

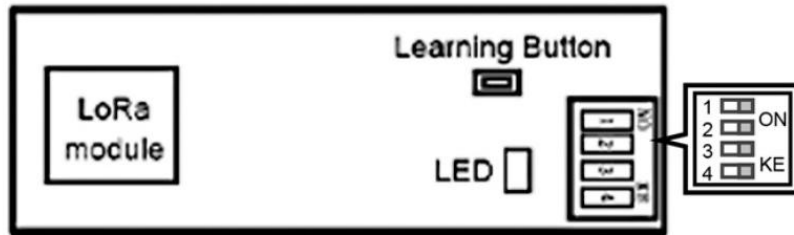
Working modes: Momentary, Toggle, Latching
Function: Feedback ON

Momentary: Press button A, CH1 is ON; Release button A, CH1 is OFF.

Toggle: Press button A then release it, CH1 is ON; Press button A again, CH1 is OFF.

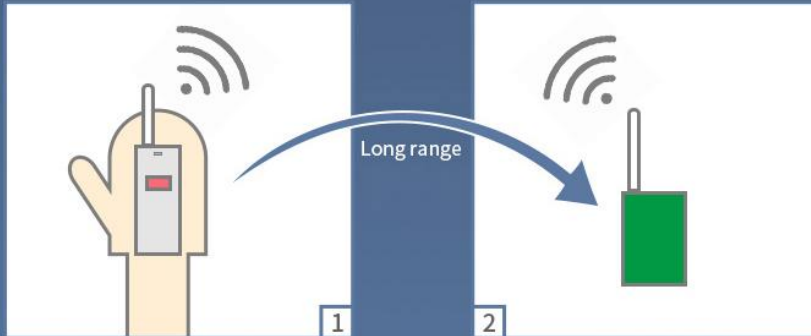
Latching: Press button A, CH1 is ON, the others are OFF; Press button B, CH2 is ON, the others are OFF.

Feedback function can be ON/OFF as needed.



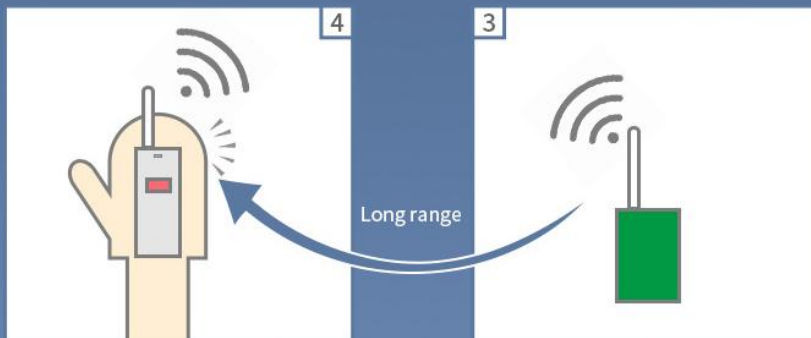
Feedback function

As a receiver module, it outputs high level and send feedback to the TX when receiving the signal from TX



Transmit signal

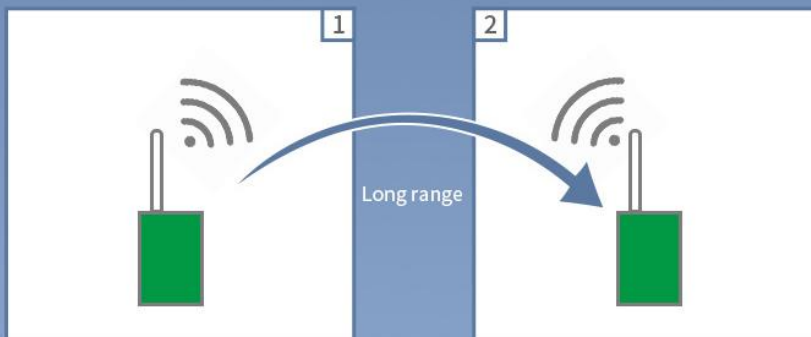
Receive signal



Transmitter receives feedback and beeps

Feedback signal

As a transmitter module, it transmits signals as soon as it is powered



Transmit signal as transmitter module

Receive signal