

## 5000 Meters Super Long Range Two-Way Remote Control / Transmitter

### Application:

This transmitter is a super long range remote control. It is developed by LORA (Long Range) wireless communication technology, so it has ultra-long working distance, ultra-high receiving sensitivity, superior anti-interference ability, and smaller power consumption. It uses a transceiver chip to implement bidirectional communication. Its ideal working distance can reach more than 5 kilometers, which is an excellent device for remote control and long distance communication.

It and the receiver form a receiver transmitter system. This system may be used in all types of industry automation, agriculture, home, factory, house, farm, vehicle, ship, offshore operations, aerial vehicle, etc. It can remote control equipment on land, water and air, such as remote control of lights, sirens, locks, motors, fans, winches, blinds, linear actuators, doors, windows, electric solenoid valves, security alarm, and business signs. The applications are endless.

### Super Long Working Range:

With the receiver forming a complete set, the maximum working distance may reach 5000 meters in an open area.

The maximum working distance is a theoretical data, it shall be operated in an open ground, no barriers, no any interference. But in the practice, it will be hindered by trees, walls or other constructions, and will be interfered by other wireless signals. Therefore, the actual distance may not reach this maximum working distance.

### Two-Way Working Mode And Feedback Function:

The transmitter and the receiver have a Two-way working mode, so the user can know the working status of the receiver by the transmitter.

Two-way working mode: When the receiver is successfully triggered by the signal from the transmitter, it will immediately transmit a feedback signal to the transmitter, then the transmitter will send out a buzzing sound to inform you that the receiver has been successfully triggered.

### Matching Receivers:

This transmitter only works with 5000 meters r receiver (model 0020054 S8UW-DC), and it does not work with other ordinary receivers.

### Parameters:

Model: 0021077 (CC-8)

Channel / Button: 8

Button Symbol: 1, 2, 3, 4, 5, 6, 7, 8

Operating Voltage: 9V (1 x 6F22-9V battery, can be used for 12 months)

Quiescent Current: 5 $\mu$ A

Working Current: 65mA (when the transmitter is transmitting the signal), 16mA (when the transmitter is receiving the signal).

Operating Frequency: 433.92 MHz

Modulation Mode: FSK + LORA

Feedback indication: buzzing sound

Transmitting Distance: 5000 meters / 15000 feet (theoretically)

With power switch on the side.

Operating Temperature: -20°C ~ +70°C

Unit Size: 135mm x 42mm x 25mm (4.0 x 2.7 x 2.0 inches)

### Notice:

- 1) Please fully extend the telescopic antenna to get the best working range.
- 1) Please turn off the power switch if you don't use the transmitter for a long time.
- 2) Replace the transmitter's battery if the transmitter's signal LED is weak or the working distance is shorter.