

Long Range Transmitter Triggered By Normally Open Dry Contact (Model 0021059)

Package Include:

1 x Transmitter: CC-2N
1 x User manual

Working Principle:

Transmitter CC-2N is a special remote control with normally open contact trigger. It has 2 input terminals for connecting a device with normally open contact, such as warning host, detector, sensor, limit switch, Programmable Logic Controllers and so on.

This transmitter can be combined with different types of long range (5000M) receivers to form a wireless control system, and this system is used to wirelessly control the device A through the device B with normally open contact.

Application:

You can use this transmitter and the receiver to remotely control the AC or DC devices by the normally open contact of another device. Such as sensor automatic control system (see attached diagram). You can connect a sensor to this transmitter, and connect an AC or DC device to the receiver, then the device will automatically turn on or off through the sensor.

When the sensor is activated, the transmitter automatically emits a wireless signal "ON". When the receiver receives this wireless signal, it will activate its relay to turn on the device.

When the sensor is deactivated, the transmitter automatically emits a wireless signal "OFF". When the receiver receives this wireless signal, it will activate its relay to turn off the device.

Feature:

Wireless control, easy to install.

Triggered By Normally Open Dry Contact.

Wireless RF signal can pass through walls, floors, doors or windows.

Reliable control: The signal has thousands of different combinations, and the receiver only works with the transmitter which use the same code.

Waterproof: The transmitter has waterproof case and waterproof connector, it can be installed outdoors.

One/several transmitters can control one/several receivers simultaneously.

You can use two or more units in the same place.

Transmitter Parameters:

Model No.: CC-2N

With 2 trigger terminals

Triggering method: When 2 input terminals are connected, it will send wireless signal "ON". When 2 input terminals are disconnected, it will send wireless signal "OFF".

With two buttons: red button and black button

Operating Voltage: 12V (12V Rechargeable Lithium Battery)

Static Current: 3mA

Operating Current: 50~80mA

Operating Frequency: 433.92MHz

Transmitting Distance: 5000m / 15000ft (theoretically)

It has a power switch on the side.

Unit Size: 178mm x 120mm x 60mm

Working Range:

With a receiver (such as S1UW-DC-ANT3) to form a complete set, the maximum working distance can reach 5000M in an open ground.

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.

Usage:

If you want to control the device by the sensor with normally open contact, do as following:

1. Connect the device to the receiver.
2. Connect normally open contact of the sensor to the transmitter's input terminals.
3. When the sensor is activated, the normally open contact is connected, the transmitter automatically emits a wireless signal "ON", which is equivalent to the function of the red button on the transmitter. When the receiver receives this wireless signal, it will activate its relay to turn on the device.
4. When the sensor is deactivated, the normally open contact is disconnected, the transmitter automatically emits a wireless signal "OFF", which is equivalent to the function of the black button on the transmitter. When the receiver receives this wireless signal, it will activate its relay to turn off the device.
5. You also can press red button or black button on the transmitter to turn on / off the device.

Sensor Automatic Control System

