

Strong Industrial Waterproof Long Range RF Remote Control / Transmitter

Application:

This transmitter is an industrial type remote control. It has a strong waterproof case for outdoor use, and it has larger buttons for easy operation. It also has ultra-long working distance, its ideal working distance can reach more than 1000 meters or 3000 feet, 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 1000 meters or 3000 feet 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.

Matching Receivers:

This transmitter can work with most of our receivers except 5000 meters receiver.

Parameters:

Model No.: 0021086 (CD-2)

Channel / Button: 2

Button Symbol: 1, 2

Waterproof case, antenna and buttons, it can be used outdoors.

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

Operating Current: 30mA

Operating Frequency: 433.92 MHz

Modulation Mode: ASK

Encoding Chip: PT2262 / PT2264 / SC2262

Encoding Type: Fixed code by soldering, up to 6561 codes

Transmitting Distance: 1000 meters / 3000 feet (theoretically)

Operating Temperature: -20°C ~ +70°C

Unit Size: 150 x 50 x 30 mm (5.9 x 2.0 x 1.2 inches)

Notice:

1. Please fully extend the telescopic antenna to get the best working range.
2. Replace the transmitter's battery if the transmitter's signal LED is weak or the working distance is shorter.

How to set up the 8-bits code of the transmitter:

1. Open the transmitter case, then you will see the circuit board. There are two rows pads and one row of chip feet on the back side.
2. The upper row of pads is L side, and the lower row of pads is H side.
3. If solder the middle row of chip feet to the L side, it is code 1. If solder the middle row of chip feet to the H side, it is code 2. If don't solder to any side, it is code 0.
4. The 8-bits code order is from left to right (from A1 to A8).
5. Here is an example, the 8-bits code in the picture is 00010121, solder as the following way:
 - Code 0: don't solder to any side, like A1、A2、A3、A5.
 - Code 1: solder to the L side, like A4、A6、A8.
 - Code 2: solder to the H side, like A7.

