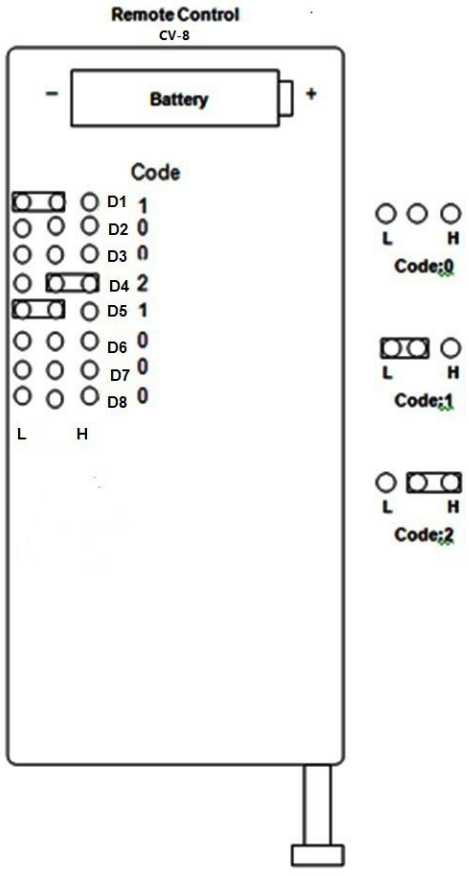
# 8 Buttons 500M RF Radio Remote Control / Transmitter

**Product Description:**
Model No.: 0021020 (CV-8)
Shell Color: White
Channel/Button: 8
Button Symbol: 1, 2, 3, 4, 5, 6, 7, 8
Operating Voltage: 12V (1 x 23A -12V battery, can be used for 12 months)
Operating Current: 15mA
Operating Frequency: 315Mhz / 433Mhz
Encoding Chip: LX2260A-R4
Encoding Type: Fixed code by soldering, up to 6561 codes
Transmitting Distance: 500m / 1500ft (theoretically)
The distance of 500m 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 exposed to some interference by other signals. Therefore, the actual distance may or may not reach 500m.
If you stretches the telescopic antenna, it can have a further working range, which is twice as much as it used to be.
Modulation Mode: ASK
Operating Temperature: -20 ° C to +70 ° C
Unit Size: 110mm x 50mm x 18mm
Weight: 55g
Uses: garage doors, motorcycles, car alarm products, home security products, wireless remote control products, industrial control products.

**How to set up the 8-bits code of the transmitter:**
1. Open the transmitter shell, then you will see the circuit board. There are two rows pads and one row of chip feet on the back side.
2. The left row of pads is “L” side, and the right 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. Don’t solder to any side, it is code 0.
4. The 8-bits code order is from top to bottom (from D1 to D8).
5. Here is an example, the 8-bits code in the picture is 10021000, solder as the following way:
6. Code 0: don’t solder any side, like D2, D3, D6, D7, D8
7. Code 1: solder to the “L” side, like D1 and D5.
8. Code 2: solder to the “H” side, like D4.