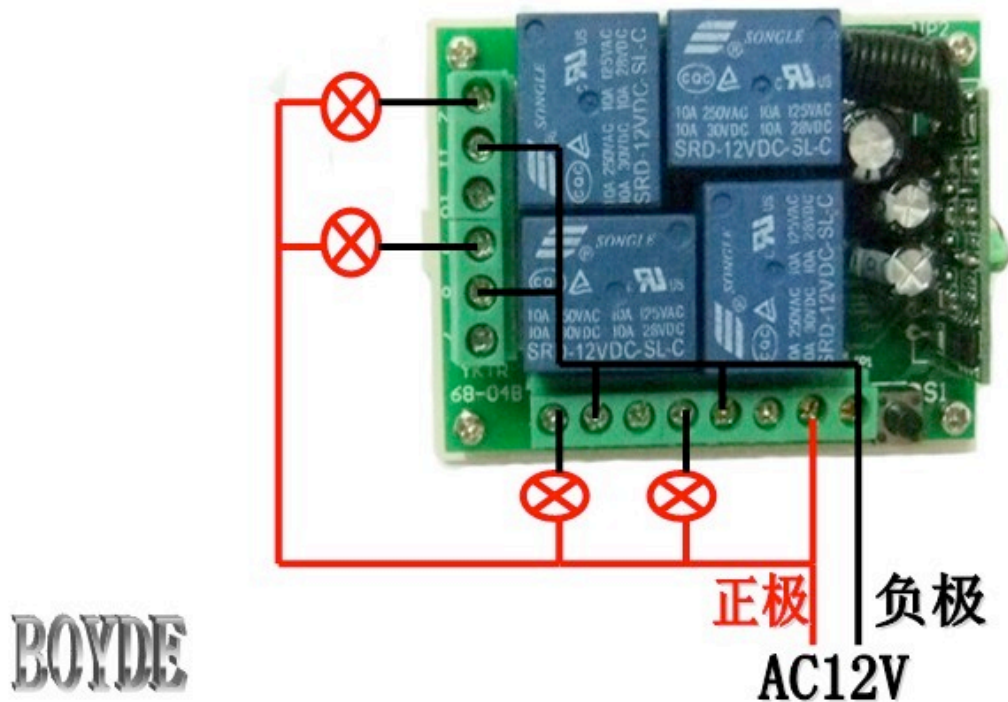**4CH Wireless Remote Control System RF Transmitter Receiver – 12V**

This 4 channel dc wireless remote control system operates in toggle, momentary, latched, lathed + momentary control mode (set the mode as you like freely). Easy to install and operate. Just press slightly the button on the remote, you can control universal DC electrical devices. It is applied for light remote control, motor remote control, garage door remote control, gate remote control, etc.

Feature:

- Wireless control, easy to install
- Control Lights, Motors, Fans, electrically operated Doors/Locks/Windows/Blinds/Cars or Other Appliances.
- You can turn on/off the receiver with transmitter (remote control) from any place within a reliable distance; the wireless RF signal can pass through walls, floors and doors.
- With characteristics of reverse power protection and over current protection
- Audible / visual indication
- One/several transmitters can control one/several receivers simultaneously.
- If you use two or more receivers in the same place, you can set them with different codes.
- Transmitting Frequency: 315MHz

Receiver:

- Channel: 4 CH
- Control Modes: Toggle, Momentary, Latched, Momentary + Latched

- Coding Type: Fixed code
- Coding Setting: By learning
- Power Supply (Operating Voltage): DC12V
- PCB Size: 68mm x 48mm x 20mm
- Case Size: 75mm x 55mm x 30mm
- Static Current: ≤6mA
- Maximum Power: 7A
- Length of External Telescopic Antenna: 80mm / 305mm (stretch)
- The receiver has farther working range with external telescopic antenna!

Transmitter:

- Model No.: C-4
- Channel: 4 CH
- Remote Control Distance: 100m / 300ft (theoretically)
- Encode: Fixed code by soldering

Usage:

- **Setting control mode Toggle: JP2 Jumper disconnected / unplugged**
Control mode Latched (Channel 1~4): Press -> On, other relays Off; Press other button -> Off.
- **Setting control mode Momentary: JP2 Jumper connects on Pin 3 and 4**
Control mode Momentary (Channel 1~4): Press and hold -> On; Release -> Off.
- **Setting control mode Latched: JP2 Jumper connects on Pin 1 and 2**
Control mode Toggle (Channel 1~4): Press -> On; Press again -> Off.
- **Setting control mode Momentary + Latched: Connect Pin 1 and Pin2, Pin 3 and Pin 4** Control mode Momentary (Channel 1, 2): Press and hold -> On; Release -> Off.
Control mode Latched (Channel 3, 4): Press -> On; Press again -> Off.

Description of each terminal location:
GND to the negative input power; + V to the positive power supply input;
terminal 1 is the first No. 1 relay output normally closed end;
terminal 2 is the first No. 1 relay output common;
terminal 3 is the first one relay output normally open;
terminal 4 for the first two groups normally closed relay output terminal;
terminal 5 for the first two sets of relay output common;
terminal 6 of the first two sets of relay output normally beginning;
terminal 7 of the first three groups normally closed relay output terminal;
terminal 8 of the first three sets of relay output common;
terminal 9 for the first three relay outputs normally open;
terminal 10 for the first four groups normally closed relay output terminal;
terminal 11 for the first No. 4 relay outputs common;
terminal 12 for the first No. 4 relay outputs normally open;
S1 for learning and Clear button;
JP2 output state set;

Pair Remote control and Controller

Press and hold S1 button until LED blinks, release, this will reset the controller.

Hold S1, release when LED on the controller is on, controller enter learning stage, press any button on remote control within 5 second, LED will blink three times and off.

Pairing completed.

Note:

- The theoretical distance is 100m, which shall be operated in an open ground; no barriers and no any interference. But in actual operation, it is hindered by trees, walls or other obstacles, or interfered by other signals. Therefore, the actual distance can not reach 100m.