

RF Wireless Remote Control Radio Controller / Transmitter & Receiver

Package Include:

1 x Receiver: S4X-DC06-ANT2 / S4X-DC09-ANT2 / S4X-ANT2 / S4X-ANT2 (4 Channel / Four Control Mode)
1 x Transmitter: CB-4L
1 x User manual

Feature:

Wireless control, easy to install
Direct power output; 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
Use microcontroller model of EM78P156, an 8-bit microprocessor designed and developed with low-power and high-speed CMOS technology.
Reliable control: The transmitter (Encoding) and the receiver (Decoding) use an 8-bit code.
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 / 433MHz
Working distance of transmitter and receiver with external extend antenna: 2000M / 6000ft (theoretically)

Receiver:

Model No: S4X-DC06-ANT2 / S4X-DC09-ANT2 / S4X-ANT2 / S4X-ANT2
Channel: 4 CH
Control Modes: Toggle, Momentary, Latched, Momentary + Toggle
Coding Type: Fixed code or Learning code
Coding Setting: By learning
Power Supply (Operating Voltage): DC6V (S4X-DC06-ANT2), DC12V±1V (S4X-DC12-ANT2), DC9V±1V (S4X-DC09-ANT2), DC24V±1V (S4X-DC24-ANT2)
Output: DC6V (S4X-DC06-ANT2), DC12V (S4X-DC12-ANT2), DC9V (S4X-DC09-ANT2), DC24V (S4X-DC24-ANT2)
PCB Size: 94mm x 73mm x 20mm
Case Size: 100mm x 80mm x 30mm
Static Current: ≤6mA
Maximum Working Current: 10A / each channel

External Extend Antenna:

Frequency Range: 300~450MHz
Impedance: 50Ω
Antenna Length: 15cm
Cable Length: 150cm
Weight: 35g
Anti-interference, waterproof, shielded wire set inside
Magnetic stand design for easy to install

Transmitter:

Model No.: CB-4L
Channel: 4 CH
Remote Control Distance: 1000m / 3000ft (theoretically)
Encode: EV1527 Learning code (up to 1 million codes, reducing code collision and unauthorized code scanning possibilities.)
Unit size: 135mm x 42mm x 25mm
Power Supply: 1 x 6F22-9V battery (included, can be used for 12 months)

Usage:

Setting different control modes (We have set the receiver as Toggle control mode before delivery. If you want to use other control modes, do as following):

1) Setting control mode Toggle: Only connect Jumper-2.
Press button A: Turn on the relay 1, terminal OUT 1 (A&B) outputs DC power.
Press button A again: Turn off the relay 1, terminal OUT 1 no output.
Press button B: Turn on the relay 2, terminal OUT 2 (A&B) outputs DC power.
Press button B again: Turn off the relay 2, terminal OUT 2 no output.

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2) Setting control mode Momentary: Only connect Jumper-1.
Press and hold button A: Turn on the relay 1, terminal OUT 1 (A&B) outputs DC power.
Release button A: Turn off the relay 1, terminal OUT 1 no output.
Press and hold button B: Turn on the relay 2, terminal OUT 2 (A&B) outputs DC power.
Release button B: Turn off the relay 2, terminal OUT 2 no output.

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3) Setting control mode Latched: Do not connect Jumper-1 and Jumper-2.
 Press button A: Turn on the relay 1, terminal OUT 1 (A&B) outputs DC power.
 Turn off other three relays, terminal OUT 2, 3 and 4 no output.
 Press button B: Turn on the relay 2, terminal OUT 2 (A&B) outputs DC power.
 Turn off other three relays, terminal OUT 1, 3 and 4 no output.
 Press button C: Turn on the relay 3, terminal OUT 3 (A&B) outputs DC power.
 Turn off other three relays, terminal OUT 1, 2 and 4 no output.
 Press button D: Turn on the relay 4, terminal OUT 4 (A&B) outputs DC power.
 Turn off other three relays, terminal OUT 1, 2 and 3 no output.

4) Setting control mode Momentary (Channel 1~2) + Toggle (Channel 3~4): Connect Jumper-1 and Jumper-2.

We have learned remote control to the receiver. If you don't want the receiver to work with the remote control, you can delete all codes of remote controls, which are stored in the receiver.

Operation: Press and hold the button of receiver until signal LED flashes slowly; release the button, LED keeps slow flash. That means all stored codes have been deleted successfully.

Learning the button of remote control:

- 1) Press the button of receiver; signal LED on the receiver keeps shining. The receiver enters into status of LEARNING.
- 2) Press any one button on remote control. If signal LED flashes quickly 15 times and turns off, it means learning is successful.
- 3) When receiver is in the status of LEARNING, press again the button of receiver, signal LED turns off, learning process will be discontinued.
- 4) The receiver can learn several remote controls with different codes.

