

4 Channel Wireless Four button remote control Transmitter Receiver Module

Code: MDU35

4 Channel Wireless Four button remote control Transmitter Receiver Module can be composed of a fixed code four radio receiver circuits, remote control of four four-bit data output code corresponding to the module, you can easily make up a wireless remote control receiver circuit, the products are widely applied in the majority home electronics enthusiasts, industrial remote control electronic product design and development, can be very good as a single-chip signal input source, especially for students and colleges electronic circuit design, graduate design of the remote control circuit portion.

With super-regenerative receiver module can decode four remote control and transmitter consisting of four radio receiver circuit. The module is widely used in the majority of electronic enthusiasts for domestic, industrial remote control electronic product design and development can be very good as a single-chip signal input source, especially for students and colleges electronic circuit design, the graduate design of the remote control circuit section.



Output also has known jog output data pin output level is instantaneous and the transmitter and whether transmission corresponds, can be used to control similar to jogging, a remote control signal data pin is high, the signal disappears when the remote data foot immediately restored to the low level, for applications such as electric doors, electric door locks, and SCM docking requires only a high level of circuit and other circuits and so on.

Package Includes :

1 x Wireless Four button remote control.

1 x Super Regenerative receiver module.

Specifications and Features:

Remote control:

- Operating voltage: DC 12V(27A / 12V battery x 1).
- Operating current: 10mA at 12V.
- Radiated power: 10mW at 12V.
- Transmission distance: 20m - 50m (open field, the receiver sensitivity of -100dbm).
- Transmitting frequency: 315MHZ.
- Modulation mode: ASK (Amplitude Modulation).
- Encoder types: fixed code.

Decoding receiver board:

- Operating voltage: DC 5V.
- Receiver sensitivity is: -98dB.
- Leg 7 bits: VT, D3, D2, D1, D0, +5V and GND.
- VT is a valid signal high output pin upon receiving a valid signal, the pin output high may also drive the relay.
- Size: 7 x 22 x 41 mm.

Pin Connection and Functions:

- 1.VT output status indication.
- 2.D3 data output.
- 3.D2 data output.
- 4.D1 data output.
- 5.D0 data output.
- 6.5V power supply positive.
- 7.GND power supply negative.
- 8.ANT connect the antenna terminal.

Total of eight external receiver module interface. "5V" means positive power supply, "D0, D1, D2, D3" represents the output, "GND" means the power supply is negative, "ANT" means connect the antenna terminal. Far as the pro-distance requirements, then the best quarter-wavelength antenna, generally use 50-ohm single wire, the length of the antenna 315M is about 23cm, 433M is about 17cm.