

INSTRUCTION MANUAL

WS-02-BLACK

1. Brief introduction

Our factory design and produce the two channel wireless intellect receiving control what can provide switch signal to the two relays, so it can meet many requirements such as: control motor's corotation and reversal; the connection and lock of the switch and other special control programs. This kind of wireless intellect receiving control main apply to auto door, curtain, lifting appliance, gate way, lifter, industrial control and security field.

This kind of wireless receiving control is high confidentiality, large memory space, stable characteristics, low power consume and very convenience, it is unnecessary adopt the traditional wire jumper or dip switch code but only receive and store the wireless signal from the remote control, and The lost learnt control can't work if you delete the memory message of the receiving control, however, it should learning again by the owner if want to obtain the right of use.

2. The way of output

- A. Keeps 8 seconds-- "1" connect
 - B. Interlock control -- "2" connect
 - C. Inching lock control-- "3" connect
 - D. Self-lock control --disconnect
- (check the Circuit diagram for details)

3. Learning way and steps

Learning fixed code & learning code:

1. Press learning key, pilot lamp extinguish. Then release learning key, pilot lamp lighting, indicate enter into the status of learning
2. Press any button of the remote control, indicate learning success as the pilot lamp flash 1 time. Receiver automatically exit learning state if you do nothing in 32 seconds. (Can store up to 30pcs this type remote control)

Learning rolling code:

1. Press learning key, pilot lamp extinguish. Then release learning key, pilot lamp lighting, indicate enter into the status of learning first time.
2. Hold on pressing one button of the remote control, indicate first time learning success as the pilot lamp keep flashing slowly.
3. Repeat the operation of step "1", enter into the status of learning second time.
4. Press the same button in step "2", the pilot lamp flash 5 times quickly, learning successful. (can store up to 6pcs this type remote controls)

4. Delete memory message

Press the learning key of the receiver—pilot lamp light—hold on pressing over 8 seconds until the pilot lamp extinguish, which indict success to delete the memory message.

5. Main Technique Data

Working voltage	DC12V/ 24V (optional)
Static working current	≤7mA
Working temperature	-40°C to +80°C
Receiving sensitive	≥-105dBm
Working frequency	315MHz、433MHz (optional)
Contact current	≤10A

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Relay capacity	10A 250VAC or 10A 30VDC
Receive the type of encoding	a. encode learning code and fixed code b. encode rolling code alone (optional "a" or "b")
Maximum storage for transmitter	30pcs of learning or fixed code; 6pcs of rolling code
Size	62mm x 43.5mm x 30mm

6. Circuit diagram for your reference

