

Manual of Receiver JS-SM18

1. Safety Instruction

- 1) For security, please read Instructions carefully before initial operation; making sure that the power is off before connection.
- 2) Please clear the memory before initial operation.(Ref: Erasing All learned/memorized Transmitters)Do not learn the remote control when motor is operating in order to avoid mis-operation.
- 3) The received signal may be interfered by other communication devices.(e.g. the wireless control system with the same frequency range)
- 4) It is forbidden to control the high-risk coefficient equipment/system.(e.g. cranes)
- 5) It is used only for the manual remote control and wireless control equipment/system which must not endanger life or property during running failure ,or its security risks have been eliminated.
- 6) It should be applied in dry indoor place or in the electric appliance place.

Parameters

Frequency: 433.92MHz

Power supply: 12-24V AC/DC

Relay contacts: 20A/14VDC 10A/120VAC

Memory Capacity: 250 codes

Temperature: -25 ~+85 degree centigrade

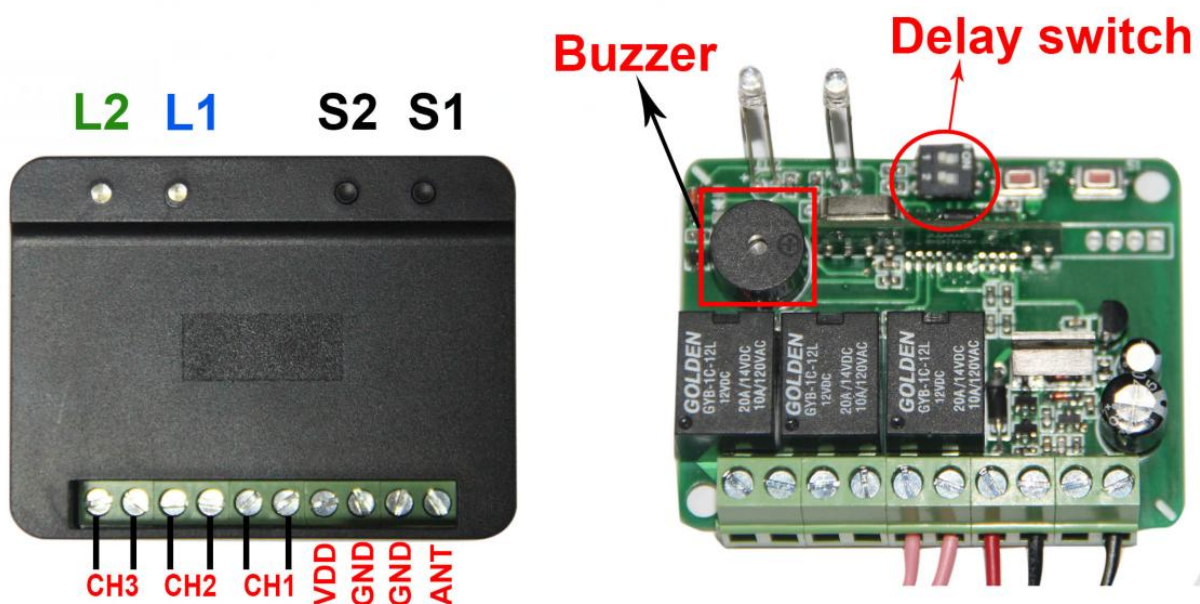
Consumption: 12+/-1 ma

Sensibility: >= -107 dbm

Size: 66.4*51.2*31.6mm

W.G. : 75g

Product Detail



The new superheterodyne receiver always guarantees a correct functioning in disturbed environments: its good sensitivity and high selectivity make it immune from most disturbances around the frequency reception area.

The new programming system enables the memorization of the rolling code and fixed code and customized code series transmitters.

PROGRAMMING

The self-programming system enables the code memorization and the setting of the following functioning modes:

MONOSTABLE: It activates the corresponding relay through the time of tx transmission. When the transmission stops, the relay goes automatically off.

BISTABLE: It activates the corresponding relay on the first tx transmission. The relay goes off on the second transmission.

TIMER: The tx transmission activates the corresponding relay which goes off after the set time (Max 5 mins).

Tip:

- LED1 is Blue ; LED2 is Green. LED1 use to indicate the mode of learn code and delete code. LED2 use to indicate the control mode.
- S1= Bistable mode /Continuous output
- S2= Monostable mode/Momentary output

1. Programming S1/S2 button to learn code:

To memorize the monostable/bistable function on the first channel, proceed as follows:

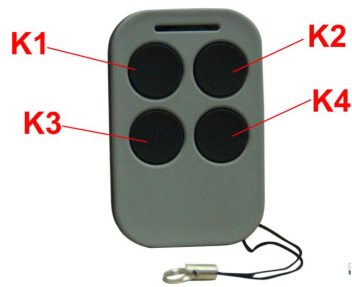
- 1) Connect power, LED1/LED2 will light and Buzzer will beep once. The receiver enter standby state.
- 2) Press button S1 (or S2) once . After LED1 flashing once and buzzer beeping once, (relating to the first channel) , LED1 will keep on and buzzer will continue beep. Then enter learn code state.
- 3) Press any transmitter button within 5s;. If LED 1 goes off, it means the transmitted code has been memorized in the correct way. If the remote cannot read the signal within 10 seconds, the LED and Buzzer will stop work and drop out learn state.

To memorize the monostable/bistable function on the second/third channel, proceed as above Step 1,2,3.

NOTE! when press button S1 (or S2) once, LED1 flash once with buzzer beep once indicate now is learning the first channel's monostable/bistable. When press button S1 (or S2) twice, LED1 flash twice with buzzer beep twice indicate now is learning the second channel's monostable (or bistable). When press button S1 (or S2) triple, LED1 flash triple with buzzer beep triple indicate now is learning the third channel's monostable (or bistable)

2、 Programming wireless remote control to learn code:

Self-learning function: Use the transmitter that already has been learned as mother transmitter, it can start the learning function and learn new transmitter without pressing any learning button. Every time only allow one control output (monostable or bistable)



Tips:

- Host remote control must have already learnt one code from Receiver JJ-JS-SM18 at least (its combination of transmitter buttons could not be learnt)
- Combination of buttons K1,K2 means enter learn code state under the bistable mode
- Combination of buttons K3,K4 means enter learn code state under the monostable mode

● **Programming of the Bistable function:**

To memorize the bistable function on the first channel, proceed as follows:

- 1) Press button K1 and K2 at the same time for 8s, LED 1 will flashes 10 times and Buzzer will beep 10 times.
- 2) Then press first button on host remote within 5 seconds, enter learn code state of the first channel , or receiver will drop out the learn code. (Press K1 remote button to enter first channel learning, K2 remote button to enter second channel learning, K3 remote button to enter third channel)
- 3) When receive the right signal from host remote, LED1 will flash once and Buzzer will beep once, then LED1 keep on and buzzer continue beep, it means enter learn code state.
- 4) Press the remote button that need learning, when LED1 go off and Buzzer stop beep. It proves learn code successful. If the remote cannot read the signal within 10 seconds, the LED and Buzzer will stop work and drop out learn state.

To memorize the bistable function on the second/third channel, proceed as above Step1,2,3,4.

● **Programming of the Monostable function:**

To memorize the monostable function on the first channel, proceed as follows:

- 1) Press button K3 and K4 at the same time for 8s, then release, LED 1 will flashes 10 times and Buzzer will beep 10 times.
- 2) Press first button on host remote within 5 seconds, enter learn code state of the first channel , or receiver will drop out the learn code after 5 seconds. (Press K1 remote button to enter first channel learning, K2 remote button to enter second channel learning, K3 remote button to enter third channel)
- 3) When receive the right signal from host remote, will flash once and Buzzer will beep once, then LED1 keep on and buzzer continue beep, it means enter learn code state.
- 4) Press the remote button that need learning, when LED1 go off and Buzzer stop beep. It proves learn code successful. If the remote cannot read the signal within 10 seconds, the LED and Buzzer will stop work and drop out learn state.

To memorize the monostable function on the second/third channel, proceed as above Step 1,2,3,4

3. Delete code:

- **Delete single remote button code:** Long press button S2 for 5s, When LED1 keep light and Buzzer keep beep, release button. At this moment, press the transmitter button that need delete. When LED1 go off and Buzzer stop beep, it proves delete successful. If the remote cannot read the signal within 10 seconds, the LED and Buzzer will stop work and drop out learn state.
- **Delete all code:** Long press button S1 for 8s, LED1 will flash five times and Buzzer will beep five times. It proves delete successful.

4. Programming of the timer function:

Note:

- 1) The timer function only effect under monostable mode.
- 2) Before operate remote, need set first well the time, then the timer function would effect.
- 3) Now the channel have already set the time, of set the same channels timer function, the time would recalculate.
- 4) Set timer function through the Dip switch. Which can be set as shown in the table.

DIP1	DIP2	Time
OFF	OFF	No timer
ON	OFF	2 minus
OFF	ON	30S
ON	ON	5 minus