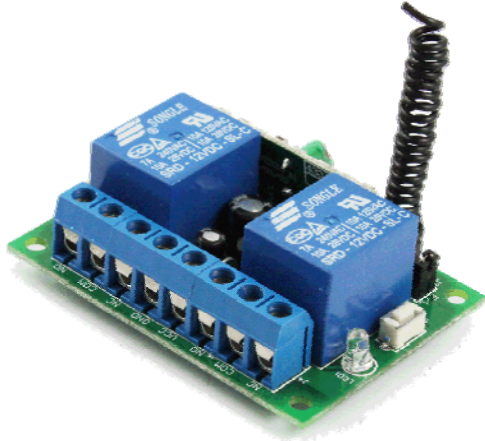


Instruction of 2CH Relay Receiver Magic 2CH / Magic 2CH C



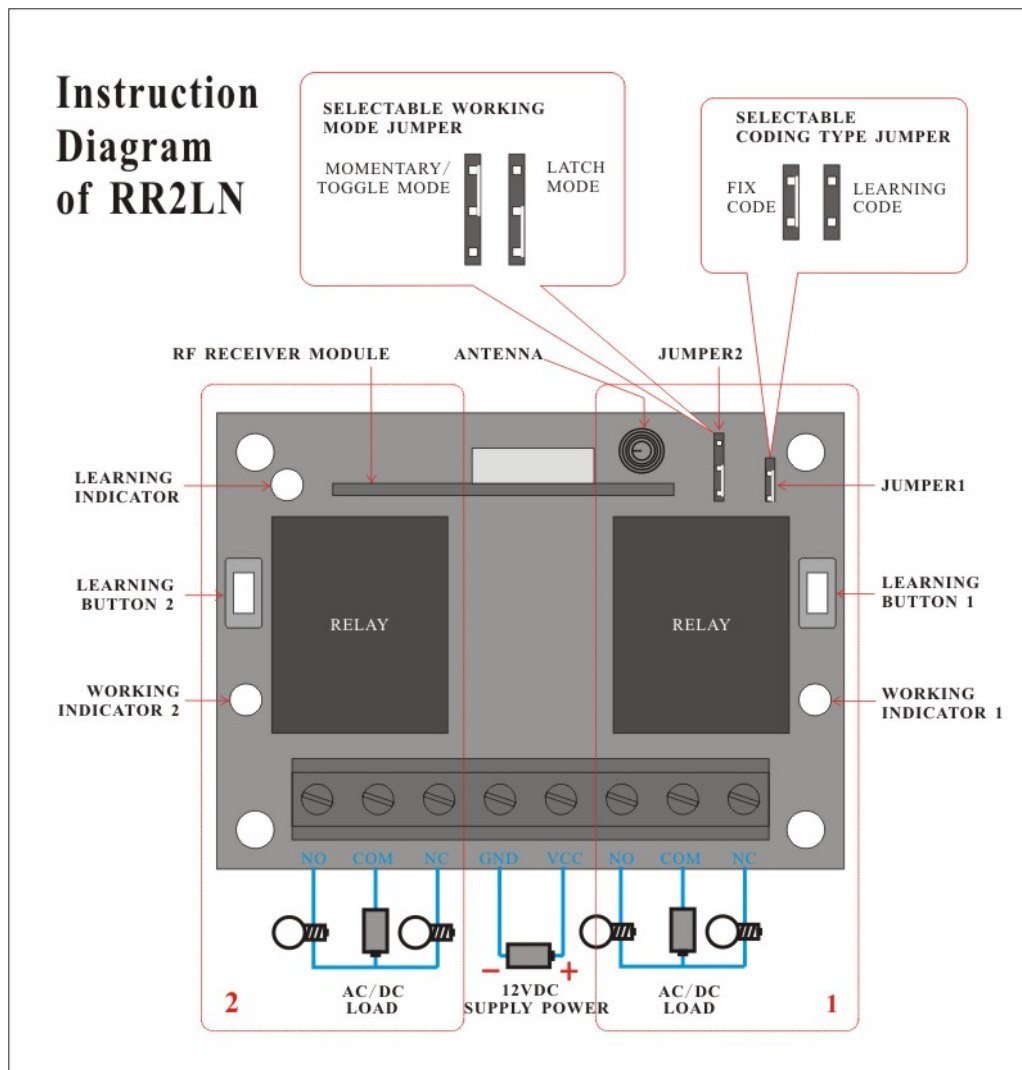
Mode No.:

RR2LN (Magic 2CH, Superregenerative)

RR2LNC (Magic 2CH C, Superheterodyne)

ASK type, 2 channels. With learning code, can receive both FIXED code signal and LEARNING code signal, each channel can work at MOMENTARY and TOGGLE or LATCH mode. Can distinguishes the signals from different channels of the same transmitter, flexible and a transmitter can work with

multiple discrete receivers. Suitable for most kind of application. There is reverse



protection. Among Magic 2CH C is FCC compliant and can be CE certified, with excellent anti-jam performance and works steadily.

Specs:

Operating Voltage: 12VDC

Stand by Current: 20mA

Operating Current: 45mA (1CH), 80mA (2CH)

Frequency: 315MHz or 433MHz

Decode: Learning Code, works with FIXED code transmitter and LEARNING code transmitter

Output Mode: Momentary, Toggle or Latch(Selectable through Jumper)

Relay: 12VDC,10A 120VAC, 7A 240VDC/10A 28VDC, 7A 240VAC

Dimensions: 54mm x 39mm x 20mm

How Channel 1 Learns Codes:

A. Learn FIXED CODE transmitter:

Turn off supply power, plug JUMPER 1.

Press and release LEARNING BUTTON 1, LEARNING INDICATOR LED is on. Press button of transmitter within 5 seconds, LEARNING INDICATOR LED blinks once and then off, then the button is defined to work with the receiver channel 1 in **MOMENTARY** mode or **LATCH ON** mode.

Depress LEARNING BUTTON 1 and don't release until LEARNING INDICATOR LED turns on (it costs 5 seconds), then press button of transmitter within 5 seconds, LEARNING INDICATOR LED blinks once and then off, then the button is defined to work with the receiver channel 1 in **TOGGLE** mode or **LATCH OFF** mode.

A receiver channel can save codes of 10 different buttons/channels of transmitter. When a button/channel of transmitter is learned twice, the former code is cleared and the later one is stored automatically. The codes remains in the receiver channel even though supply power is disconnected.

B. Learn LEARNING CODE transmitter:

Turn off supply power, unplug JUMPER1. Then the same steps as the ones of "A.Learn FIXED CODE transmitter" above.

How Channel 2 Learns Codes: the same as Channel 1.

How to Clear Codes:

Keeping depressing LEARNING BUTTON for 10 seconds or more, LEARNING INDICATOR LED will blinks twice, all codes are cleared.

How transmitter and receiver work:

Only when learning succeeds, receiver can work availably.

MOMENTARY mode: Plug JUMPER 2 of receiver on top, if button is defined to work in "MOMENTARY mode or LATCH ON mode", the receiver channel will work in MOMENTARY mode with the button/channel.

TOGGLE mode: Plug JUMPER 2 of receiver on top, if button is defined to work in "TOGGLE mode or LATCH OFF mode", the receiver channel will work in TOGGLE mode with the button/channel.

LATCH mode: Plug JUMPER 2 of receiver at bottom, if button is defined to work in "MOMENTARY mode or LATCH ON mode", the receiver channel will work in LATCH ON mode with the button/channel of transmitter; if button is defined to work in "TOGGLE mode or LATCH OFF mode", the receiver channel will work in LATCH OFF mode with the button/channel of the transmitter.