

SPECIFICATION

This wireless controller is applied for the wireless control of vacuum. It is consisted of remote control KL-RC01A and wireless controller KL-WS01A. The operating Frequency of the Carrier Wave is 433.92 MHz.

Press the On/Off button on KL-RC01A, the encoder IC of remote control will trigger 433.92 MHz high frequency transmitter unit to transmit the address code and key value. At the same time, LED will flash; and transmitter will be stop if loosing the button, then LED will turn off.

Wireless controller KL-RC01A is responsible for receiving and distinguishing the signal from remote controller, then outputs the signal to control the relay's on/off. The vacuum is controlled by controlling live line. This wireless controller has two modes—learning mode and working mode. Please learn the following steps:

1. Learning Mode—press the extended learning button of wireless controller, MCU will enter the learning mode, and indicated LED will light. Now trigger any buttons of remote controller that should be learned, MCU will memorize the address code that it receives from the remote controller in EEPROM to avoid losing message after power off. LED will flash 3 times after successful learning.
2. Working Mode—when wireless controller receives the transmitting signal from remote controller, it will compare the address code from remote controller with the address code memorizing in EEPROM. If different, no action will be taken; if compatible, it will control the relay's on/off referring to data code. Thereby, it can control the live line's on/off to control vacuum finally.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment