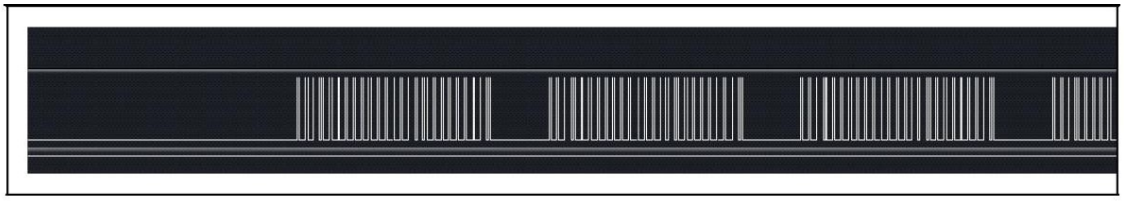
Wireless 433M Remote Control Instructions



1. The code has 24 bits in total, BYTE0+BYTE1+BYTE2+end bit BYTE0,

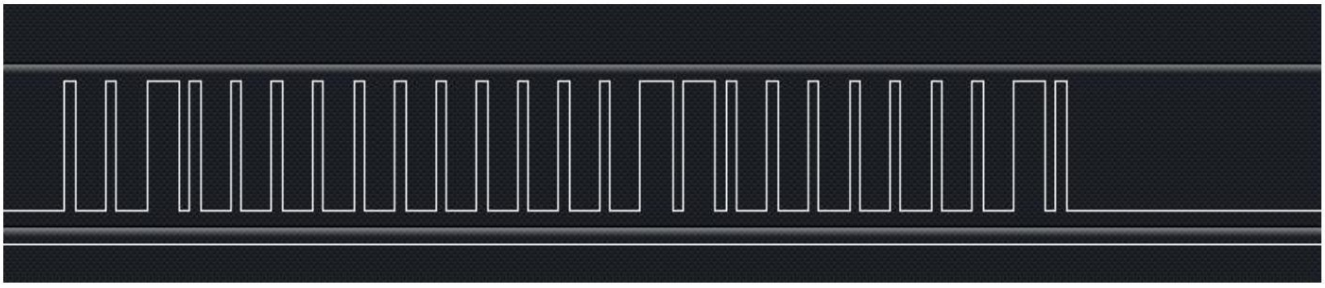
BYTE1 is the address code, the address code can be set to fixed

address code FFFF, or other address values, or can be set to rolling code, each

remote control address code different. The rolling code can realize one-to-one function, that is, one remote control only controls one receiving device.

BYTE2 is the key code value, the code value of each key is fixed .

The following figure shows the key value of K1 = 01, and the address code is 20, 03



24-key 433 RF remote control code description

First row 01 02 03 04
Second row 05 06 07 08
Third row 09 0A 0B 0C
Fourth row 0D 0E 0F 10
Fifth row 11 12 13 14
Sixth row 15 16 17 18
Seventh row 19 1A 1B 1C

1. There is a key combination, press the 14 and 18 keys at the same time to send CC, you can learn

Learn key codes.

2. The code value is hexadecimal, and the address code is different for each remote control, which can realize one

The remote control controls a device without interfering with each other.

3. If you don't need a remote control to a receiving function, the receiving program can do

It does not compare the address code, only the key code.

Wireless 433M Remote Control Instructions

Receive and decode programming instructions

When the remote control does not send 433 signal, the wireless receiver chip signal pin (DATA)

It's irregular clutter, which is normal. When the remote control starts to send 433 signal,

There will be a regular waveform on the receiving signal pin. Generally, the receiving program detects the interval between each frame code.

The signal with an interval of 12MS, the decoding program enters and starts decoding

When writing a decoding program, pay attention that the actual high level time is longer than the theoretical value.

It is shorter, and the high level time of each remote control will be different, so I

The high level time range we set should be as large as possible.

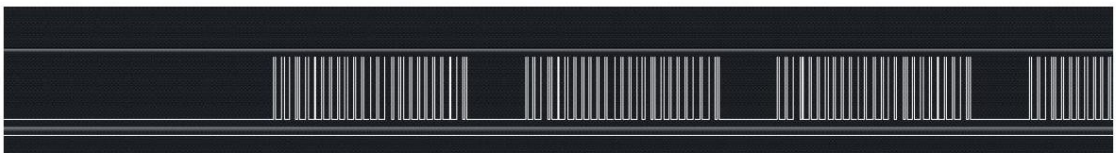
0: 0.4MS+1.2MS is 0 when programming, the pulse width range of 0.4 should be enlarged as much as possible, 0.4

The range is between 0.2-0.6

1: 1.2MS+0.4MS is 1 when programming, the pulse width range of 1.2 should be enlarged as much as possible, 1.2

The range is between 0.8-1.4

Receive and decode to receive the 12MS interval time as the start signal, and the 12MS signal interval time is regular.



FCC Caution：

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.