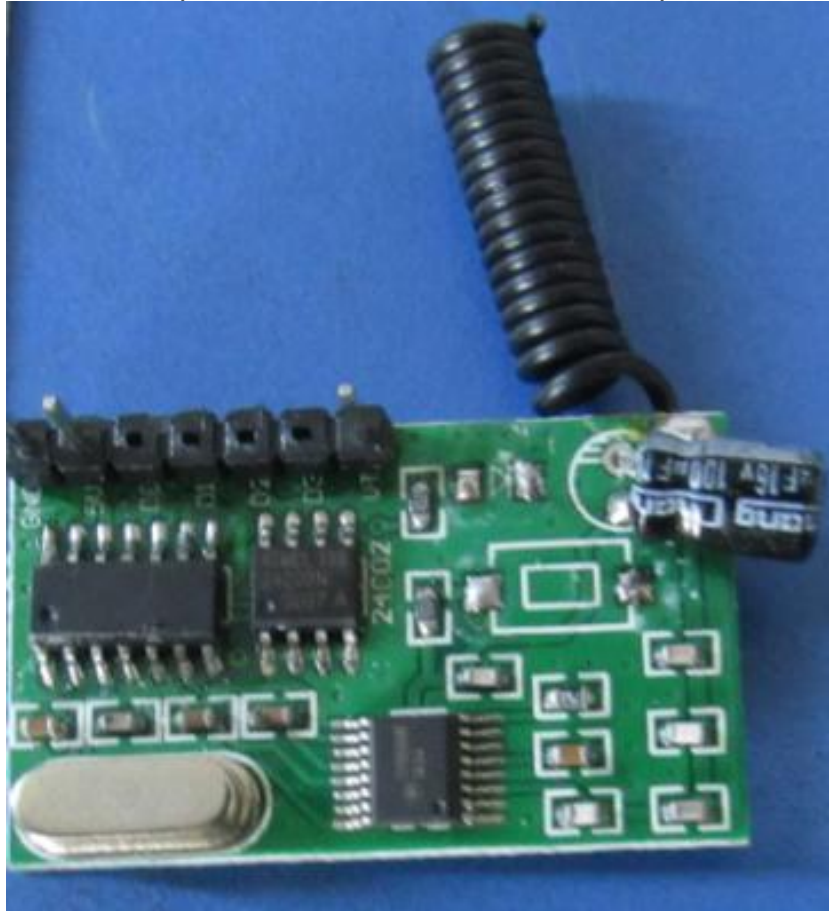


User Manual Of REM3040 (433MHz Remote Module)



Model No.: REM3040

Product Name: 433MHz Remote Module

1.Parameter:

Work Voltage:DC5V

Frequency:433MHz optional

Decoding:Learning Code,Rolling Code.

Static Current:6mA

Signal Output:4.5V High Level Output.

Modulation Mode: ASK,OOK.

Work Mode:Jog(inching),Self-lock,Interlock.

Sensitivity:-110db.

Size:34*20*5.3mm.

Weight:6g.

2.Feature:

REM3040 is a super-heterodyne receiver with high sensitivity,adopting latest high-technical RF IC,with stable,qualified decoding character,against high-level interference in seriously working

environment in site,working for long distance together with its programmed remote.At present,this model is the best choice in the field of super-heterodyne receiver.

It can decode fix code, learning code and rolling code,such as 2262\2264\2260,301,etc.

The user can programme the work mode by theirself to choose jog(inching) or self-lock or interlock.

3.Pin & Its Function:

Pin	Name	Function
1	VT	Signal Output
2	D3	Data Output
3	D2	Data Output
4	D1	Data Output
5	D0	Data Output
6	5V	Anode
7	GND	Cathode

Notice:

- (1).Pin Order(From Left to Right)VT、 D3、 D2、 D1、 D0、 5V、 GND;
- (2).5V & GND for 5V power;
- (3).VT for signal testing,means when receiver working signal,it will output 5V high level;
- (4).D0 to D3 is Data output,working respectively for 4 button in the remote;
- (5).These 5 pin(except 5V & GND) output 5V voltage,it can activate the relay through built-out drive circuit;
- (6).The round-hole in the left-side is for connecting the antenna.

4.Remote Clear Code & Learning Code:

(1).Clear Code:

Press the learning button in the receiver for long time,LED indicator first on,then off, Finally loose your press,that means clear code is finished.After clear code,all the previous programmed remote can not work with this receiver.

(2).Learning Code:

Press the learning button for long time,2 seconds later,LED indicator is on;
4 seconds later,LED indicator will be off.

(A).6s later,LED indicator flash 1-time;

loose press learning button,press any button of the remote,then choose jog mode;

(B).8s later,LED indicator flash 2-time;

loose press learning button,press any button of the remote,then choose self-lock mode;

(C).10s later,LED indicator flash 3-time;

loose press learning button,press any button of the remote,then choose interlock mode;

After programme the work mode(jog/self-lock/interlock),then the 4 button of the remote is programmed with respective function automatically.

After programme the 1st remote,then programme the other remote as follow:

(A).Press the learning button,LED indicator will be on,the loose press;

(B).Press any button of the remote,LED indicator will flash,that means programme is finished.

This receiver can decode 16pcs remote with different code in max,while remote with same code,the receiver can decode limitless remote.

Before programming,,please connect 50ohm 1/4 wave length antenna,make sure the antenna is straight for optimal decoding. Wave length=light velocity/frequency.

5.Application:

This receiver is normally used at boom barrier,parking system,sliding gate/door,garage door,auto-door,other automation door system,required high-stability and high anti-interference for AC or DC remote controlling.

6.Parts:our company matched remote.

7.Notice:

(1).VCC voltage must be same as receiver,and doing EMC filtering;

(2).50ohm 1/4 wave length antenna is better for decoding;

(4).For 433MHz frequency,antenna should be 17cm length;

(5).Keep antenna straight,and aways from signal jammer,high voltage device,and other interference device;

(6).The receiver must be compatible with the transmitter(remote),such as frequency,decoding mode.

FCC Caution.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

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 433MHz Remote Module is designed to comply with the FCC statement. FCC ID is

X3A-REM3040. The host system using 433MHz Remote

Module, should have label indicated it contain modular' s FCC ID X3A-REM3040.