

# YM-YKQ01 Remote control

## 1 , FCC Warning:

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

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.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

## 2, Product Information



Model: YM-YKQ01

Battery: (AAA 1.5V)\*2

FCC ID:2BBDM-LYDSTO001

Company : Hubei Yimu Electronic Technology Co., Ltd.

Address: 7-16-103 Modern Sino-Canada Science and Technology City, West of Yewang Road, Shazui Street, Xiantao, Hubei Province

### **3, Fucntion Description**

1. The remote operates in three modes: Bottom, wall&water line, and Bottom&wall& water line.  
The three modes can be switched by MODE key. Three working cycles: 1 DAY,3DAY,5DAY,  
The three working cycles can be switched by the CYCLE key;  
Three working hours: 1H,2H,3H,  
The three working hours can be switched by the TIME key.
2. Added function: Added WIFI network distribution function: hold down MODE+TIME for 3 seconds to deliver Key value 0X0A;  
Added remote control sleep function: no operation in 30 seconds to extinguish the screen ; When the screen is off, you can wake up by pressing any key, and the display will light up without sending code;  
When the screen is on, press any key to send the corresponding key code value
3. Working period Added No Reservation Status: Working period: 1 day, 3 days, 5 days, no reservation

### **4, Work Principle:**

The main controller of the remote control is equipped with an LCD display chip, which is responsible for detecting buttons, controlling display, and data transmission. The wireless 433 transmission chip uses a 13.560MHz crystal oscillator, which is sent out through an antenna after matching the network.

- A. Crystal 13.560MHz
- B. Operating frequency 433.92MHz
- C. Modulation method ASK
- D. Antenna Type PCB Antenna,-0.15dBi
- E. AD-RF4455
- F. Working Voltage 1.8V-3.3V