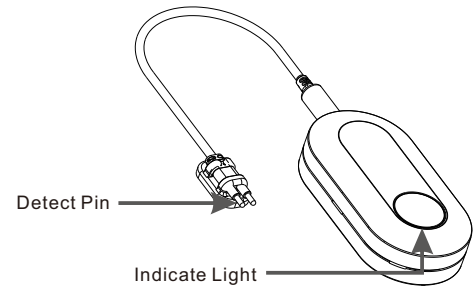


TC-U9AF-SJ/Z

ZigBee Flood Detector Installation Instructions

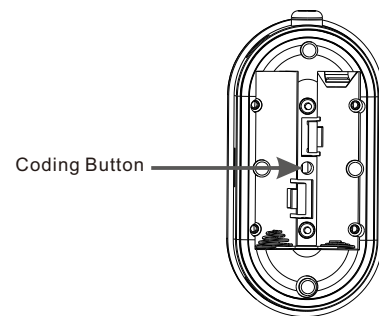
1. Product introduction

TC-U9AF-SJ/Z flood detector based on the detection electrode impedance changes after flooding, through special integrated chip for water input signal amplification, plastic, comparison, dry contact output or high and low level change signal, just transmitter location whether there is water, and through the wireless repeater transmission of information. The structure adopts the integrated plastic shell design, which ensures the high reliability of the product. This product has the characteristics of high reliability, anti-interference, high sensitivity, fast response time and easy installation. It is suitable for communication base station, precision machine room, library, warehouse and other places that need alarm when there is water.



2. Technical Parameters

Working current: 30 mA (adding to network 27mA, others 8.5mA)
Standby current: $\leq 15\mu\text{A}$
Receiving/transmitting distance: $\leq 80\text{m}$ (open ground)
Maximum transmission power: 4dbm
Working voltage: DC 3V (2*AAABatteries)
Battery Life: 1 Year
Wireless frequency: 2.4GHz
Protocol: ZigBee proprietary protocol
Network Protocol: Zigbee IEEE802.15.4



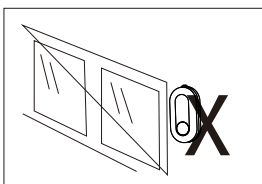
3. Function Operation

Add to Network: Open the battery cover, and press the Coding button to add the network, and there will be blue LED lights flashing. The blue LED Light will off when successful add to network
Quit Network: Long press Coding button for 6 seconds, and the blue LED lights will keep ON. until the blue LED begin to flashing, it already quit network for the next register.

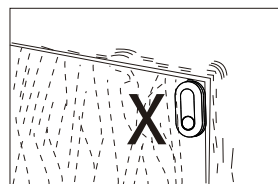
4. Installation Diagram

4.1 Notice

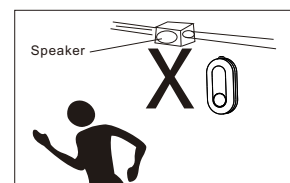
Please pay attention to the following situations before installation, make sure it will work normally after installation.



Do not install outdoors in vulnerable locations

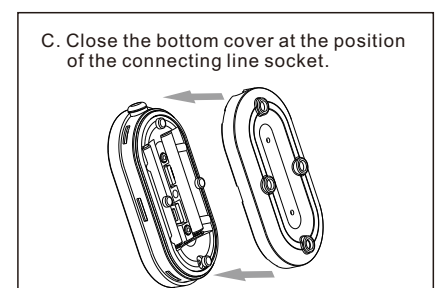
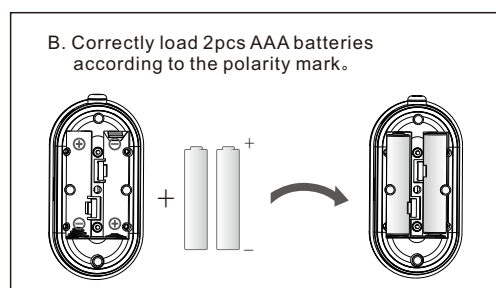
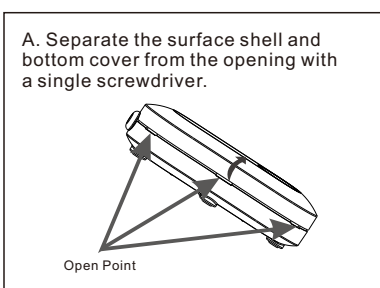


Do not install where the installation foundation is not strong



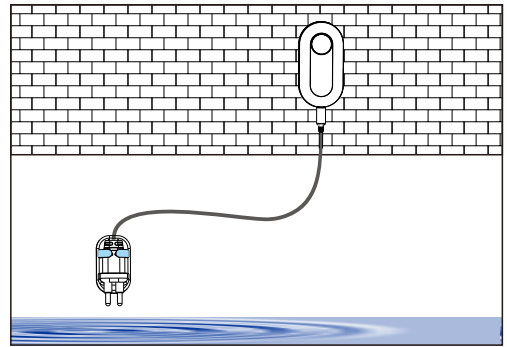
Do not install close to magnetic attachments

4.2 Install instruction



4.3 Detect Pin install

- A. Use screws to fix the fixed bracket in the position to be tested, with the open end of the bracket facing up;
- B. Insert one end of the connecting wire into the transmitter;
- C. Insert the sensor head into the bracket, and pay attention to pointing down the poles;
- D. Stick the launcher on the wall with double-sided tape, be careful to keep away from water.



5. Daily Maintenance

5.1 Replace Battery

The battery life is about one year. When the transmitter sends a voltage signal to the host, the battery should be replaced:

- A. Hold down the card and pull the lower cover;
- B. Take out the old battery and load the same type of new battery according to the correct polarity;
- C. Test the effectiveness of the battery: short probe, the host under the state of protection should alarm;
- D. cover the cover again.

5.2 Cleaning and protection

The detector may be contaminated with dust after long-term use. At this point, it can be wiped with a wet cloth or sponge.