

User Manual Of JWAT410 Phone



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1. Overview

JWAT410 series waterproof telephone products are environmental high-tech products that combine subways, highways, power plants, petrol stations, docks, steel companies, etc., which have special requirements for moisture, fire, dust, and freeze prevention. It is also widely used in chemical plants and pharmaceutical factories. Dust-free workshops and clean room factory workshops are indispensable and extremely ideal industrial communication products, which must be used with switches..

1.1 Product Features

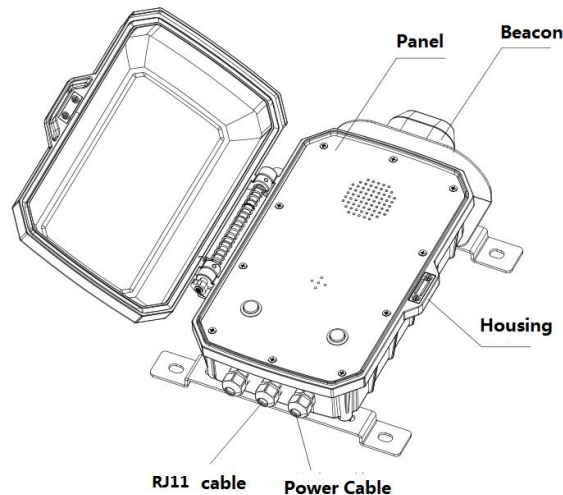
The JWAT410 series waterproof phone case is made of aluminum alloy die-casting, which has good impact resistance and protection performance. The high-temperature powder on the surface is not electrostatically sprayed to prevent static electricity. The circuit board adopts the concept of integrated design, and integrates the basic call circuit and noise removal circuit in a machine. And preferably foreign well-known brand components. After high and low temperature testing, procurement and production, the circuit undergoes strict protection treatment, so that the environmental adaptability of the whole machine is further improved. The phone adopts an anti-noise handle, and the built-in circuit of the phone has strong anti-interference ability, and the call sound quality is stable and clear.

1.2 Application

- 1.2.1 Ambient Temperature: $-40^{\circ}\text{F} \sim +140^{\circ}\text{F}$
- 1.2.2 Relative Humidity: $\leq 95\%$ (room temperature)
- 1.2.3 Atmospheric Pressure: $80 \sim 110\text{KPa}$

2. Product Structure Characteristics

2.1 The hands-free waterproof telephone is composed of two parts: a shell (including a die-cast aluminum shell and a cold-rolled steel panel) and a double-sided integrated circuit motherboard.



3. Main technical parameters

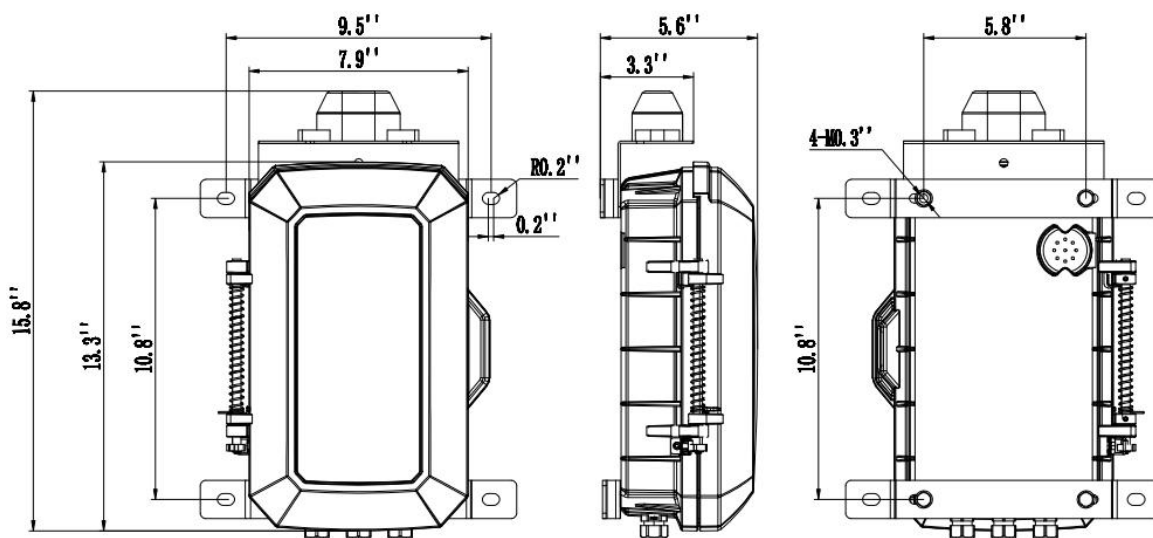
- 3.1 Standby, working current: 50mA, $\leq 2A$
- 3.2 Power supply voltage: AC100-240V/50-60Hz
- 3.3 Feeding voltage: DC48V
- 3.4 Frequency response: 300~3400 Hz
- 3.5 Loop impedance: 680 Ω
- 3.7 Signal: DTMF
- 3.8 Distortion degree: $\leq 2\%$
- 3.8 Protection level: IP66
- 3.9 Dimensions: 15.8''*7.9''*5.6''
- 3.10 Net weight: 11 LBS
- 3.11 Installation method: wall-mounted

4. How to Use

4.1 Call function: When an incoming call, press the hands-free button to enter the hands-free state, and you can talk normally; press the hands-free button again, the phone hangs up and the call ends. Press the alarm button, the preset number will be automatically dialed, and the other party will answer the call, and the call can be normal. Press the hands-free button again, the phone hangs up and the call ends.

5. Product Dimensions and Installation

5.1 product dimensions



5.2 Installation and Wiring:

5.2.1. Signal line connection: The RJ11 crystal plug has been suppressed when the telephone line leaves the factory. You can use the adapter to connect in the junction box, or cut off the crystal plug and connect it directly in the junction box with the system telephone line through the terminal. Note, use it when connecting There are two wires in the middle of the telephone line, and the two wires on both sides are not connected to the phone. Do not connect them wrongly to prevent the phone from not working.

5.2.2 Power cord connection: The power cord uses RVVP3*1.0 cable, among which the black or yellow wire is the ground wire, which must be effectively grounded during installation, and the brown-blue is the zero live wire, which is connected to the AC220V AC power supply through the terminal block in the waterproof junction box. Note When wiring, no copper wire should be exposed, and the terminal screw must be locked tightly and not locked to the insulated wire.

6. Transportation and storage requirements

6.1 During transportation, the product is not allowed to be subjected to severe mechanical shock or direct sunlight and rain, to prevent falling, collision, and heavy pressure.

6.2 The product should be stored in a dry, clean, well-ventilated environment at ambient temperature (0-40 ° C), in a non-corrosive medium warehouse, away from fire and heat sources.

7. Unpacking and inspection

7.1 Check that the instruction manual, product certificate, product warranty card and accessories in the box are complete.

7.2 The appearance of the product shall be checked and the marking shall be complete.

8. Attention

8.1 Please read this manual before use to understand the product performance and use methods, so as to avoid accidents and damage to the product due to mis-operation.

8.2 The product should be checked carefully before use to ensure that it is installed and used without damage by external forces.

8.3 The product should be stored in a cool, clean and dry environment.

8.4 During the construction process, the operation must be strictly in accordance with the product wiring requirements, strong and weak current separate the wiring to avoid affecting product performance, which may make the product work unstable and call sound quality, Unpredictable factors such as reduced product service life.

8.5 Install and use shielded telephone lines in places with high electromagnetic interference, and connect them effectively surface

9. Safety warnings

- 9.1 It is strictly forbidden to disassemble the product and replace parts without permission.
- 9.2 It is strictly forbidden to install or repair under power, otherwise it will cause danger.
- 9.3 Cruel hitting the product is strictly prohibited.
- 9.4 When the product fails, it is strictly forbidden to repair in the danger area.
- 9.5 Never open the cover with power on.

10. After sales

The Warranty of Joiwo products is 2 years. Within 2 years since the products are shipped, if there is any quality issue or technical requirements, we will take care of all the trouble shooting and send the spare parts or complete product as required for replacements at our charge.

If you have any questions about using this product, please contact Ningbo Joiwo Explosionproof directly (Detail contact information pls see cover).

Failure phenomenon	Troubleshooting method	Approach
No button function, no sound from speaker	Check whether the telephone line is well connected to the motherboard, use a multimeter to measure whether the voltage at both ends of the motherboard is 12V	Reconnect the disconnected telephone line