J-SAP-M-TW3240

Wireless Manual Call Point
Installation and Operation Manual

Product Safety

To prevent severe injury and loss of life or property, read the instruction carefully before installing the detector to ensure proper and safe operation of the system.

European Union directive
2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points.

For more information please visit the website at www.recyclethis.info

Table of Content

1.Overview

J-SAP-M-TW3240 wireless manual call point (hereinafter referred to as the MCP) can send an alarm signal to the fire alarm control panel by pressing it after manually confirming the occurrence of a fire. The built-in FosLink wireless communication component is stable and reliable and can be networked with the fire alarm control panel through a wireless transmission module. This product suits hotels, restaurants, computer rooms, banks, shopping malls, warehouses, museums, libraries, office buildings, and other places.

2.Main Features

- No wiring is required to use FosLink wireless communication technology.
- The built-in unique ID can be networked with wireless transmission modules and fire alarm controllers.
- It has the function of uploading battery undervoltage faults.
- Plug-in structure design, easy and reliable installation.
- Pressing the button must be manually reset using a dedicated key.

3.Technical Instructions

- Operating: Voltage:DC3V（CR17450）
- Working Current:
       Monitoring Current: ＜40uA
      Alarm Current: ＜20mA
- Start-up part type: Reusable type
- Start way: Press the MCP.
- Reset way: Reset with a dedicated key. After the product alarm, open the MCP and insert the special key into the key cover. Turn it 90 degrees to the right to reset the product.
- Wireless communication frequency band: 470～510MHz
- Wireless transmission power: ≤17dBm
- Maximum communication distance: Open Space:300m
- Status indicator:

Communication status: The green LED flashes once every 80 seconds.
Fault conditions: The yellow LED flashes once every 80 seconds
Fire alarm status: The red LED is always on

- Using environment: Indoor, temperature -10 ℃~+55 ℃, relative humidity ≤ 95% RH, no condensation
- Shell material and color: ABS, red
- Degrees of protection provided by enclosure: IP30
- Weight: Approximately 109g
- External dimensions: 89mm×89mm×36mm
- Installation hole spacing: 60mm
- Execution standards: GB 19880-2005 XF 1151-2014

4.Structural Features and Working Principle

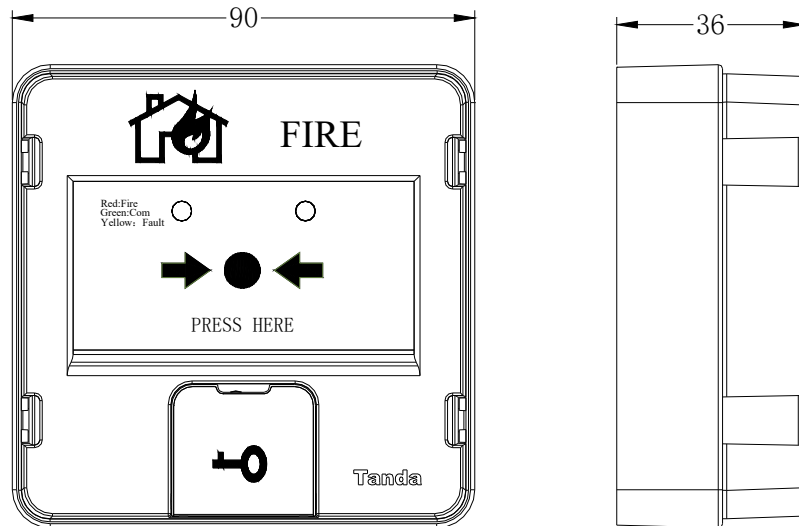1.The external dimensions of the MCP are shown in Figure 1 (unit: mm):

Figure 1 Schematic diagram of the appearance of the MCP

2.Schematic diagram of the size of the MCP base, as shown in Figure 2 (unit: mm)

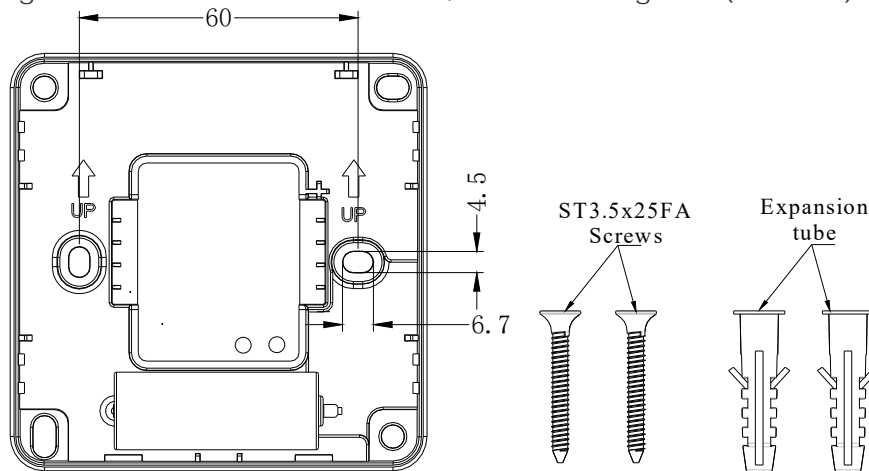Figure 2 MCP base and fixed accessories

3.Working principle

This MCP adopts a press alarm way and is self-locking through a mechanical structure, which can reduce the occurrence of human error triggering. The MCP is equipped with a built-in chip, which completes alarm detection and wireless communication functions.

5.Installation Instructions

1.Suitable installation location:

①Detect network signals through handheld devices and install wireless MCP at the location with the best network signal.

②The wireless MCP should be installed in a prominent and easy-to-operate location. When installed on the wall, the bottom edge should be 1.3-1.5m above the ground (floor). The MCP should be installed firmly and should not tilt.

2.The installation location should be avoided: areas with temperatures below minus 10 ℃, above 55 ℃, or relative humidity>95% RH.

3.The installation diagram of the wirelessMCP is shown in Figure 3: fix the base of the wireless MCP to the wall with a plastic expansion tube and 3.5 × 25FA screws, and the installation hole spacing is shown in Figure 2. Insert the battery plug into the wireless MCP battery holder and install it

on the base.

4.If the installation is not normal, check if the battery is installed correctly or if the voltage is too low. After installing the battery, fasten the wireless MCP onto the base and secure it in place.
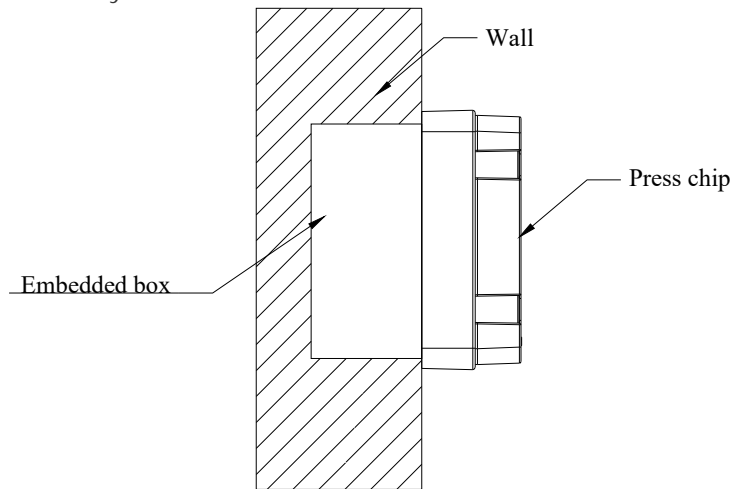

Figure 3 Alarm button installation diagram

When installing the base, attention should be paid to installing it in the direction of the base arrow. If disassembly is required after installation, please use a 3.5mm flathead screwdriver to remove the base and upper cover of the alarm button (as shown in Figure 4).
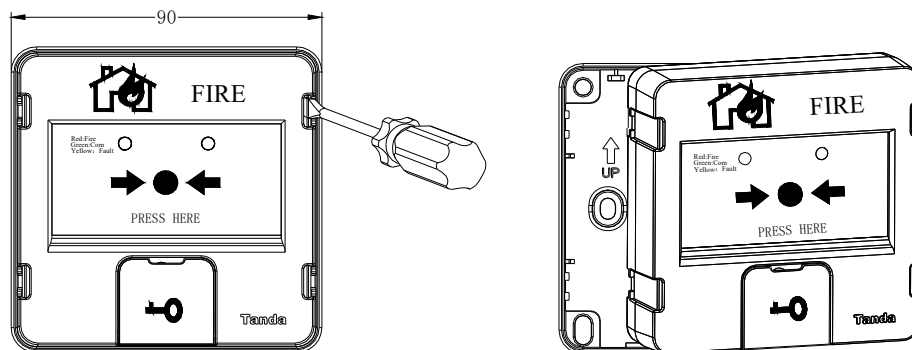

Figure 4 Schematic diagram of dismantling the MCP

6.Usage and Operation

1.Register for networking

Connect the wireless transmission module to the computer through a Type-C data cable, configure the software through the Foslink gateway, click add, select the listening front-end ID, long press the release button on the handheld base, the yellow LED flashes once, and then release it. After the Foslink gateway configuration software displays the device ID, click add to the gateway and observe the device ID and status displayed in the configuration software at this time.

2.Delete Device

On the FosLink gateway configuration software, select the device and click delete to remove the wireless MCP from the wireless transmission module.

For detailed operation, please refer to the "FosLink Configuration Software User Manual"

7.Product Precautions

1.This product is installed indoors and is prohibited from being installed outdoors or in corrosive environments;

2.This product should be installed in a low interference environment and kept away from large electrical equipment;

3.This product needs to undergo regular alarm function testing. If any faults are found, please repair them promptly;

4.In harsh environments such as high temperature, high humidity, frequent false alarms, and weak signal coverage, battery usage time will be shortened;

5.If the battery voltage of this product is lower than DC2.7V, it will report an undervoltage fault. After reporting an undervoltage fault, it can maintain operation for 4 hours. Please replace the battery promptly after reporting an Undervoltage fault;

6.The battery used in this product is non-rechargeable, and charging or short-circuiting the battery is strictly prohibited;

7.If a malfunction occurs, it is strictly prohibited for users to disassemble and repair it themselves. Please notify our company or our local office, and we will handle it for you as soon as possible!

8.Battery Safety Precautions

1.It is strictly prohibited to charge, discharge, squeeze, or burn batteries;

2.It is strictly prohibited to use batteries with serious injuries or deformations;

3.It is strictly prohibited to use or heat batteries outside the allowed temperature range;

4.Users are strictly prohibited from disassembling batteries on their own;

5.It is strictly prohibited to weld directly on the surface of the battery;

6.When replacing the battery, please use the original factory-specific battery or a battery of the same specifications as it, otherwise it may cause the battery to catch fire or explode!

9.Common Faults and Troubleshooting

Problem	Handling Method
The product is not working	Check if the green LED of the product is flashing. If the green LED is not flashing, check if the battery is installed correctly.
Product reports under voltage fault	Replace the battery with a new one.
The product reported a base detachment fault.	Check if the wireless MCP base is not securely fastened.
Product reports communication failure.	Check if the installation location is too far from the wireless gateway.