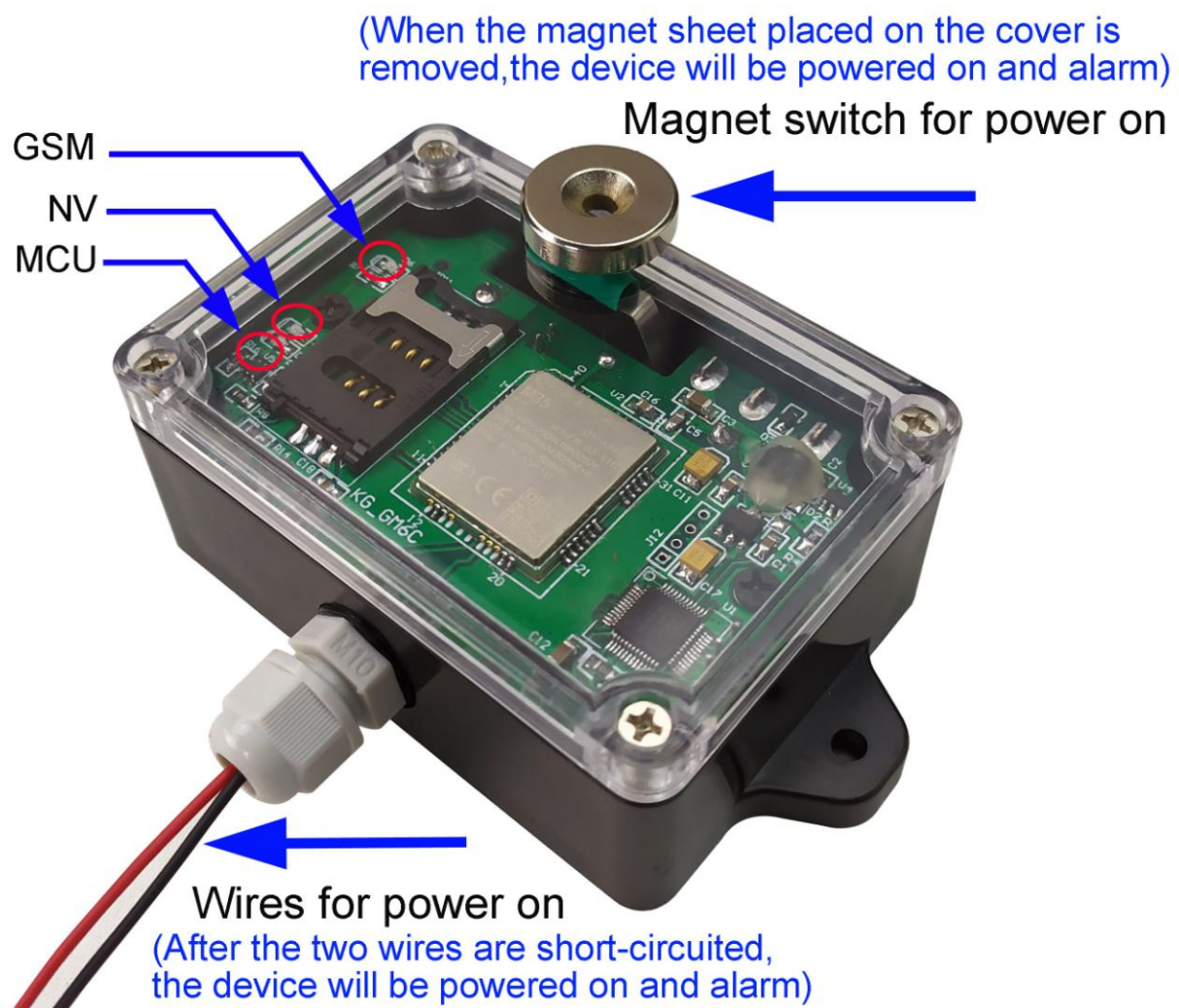


GABP - GSM Alarm Device

USER GUIDE

v1.0



- A local GSM SIM card is required to operate the device
- Two CR123A 3v battery is required to power on the box

Product description

GABP is a simple & easy to use GSM alarm box which sends SMS and calls you in case of power supply is ON. GABP is only powered with two CR123A battery.

When in standby, the power supply of GABP is in a power-off state and will not consume any power. Therefore, even though it is powered by two batteries, it can be maintained for several years if the alarm does not occur frequently.

For the first use, user need to loosen the screws on the two sides of the circuit board.

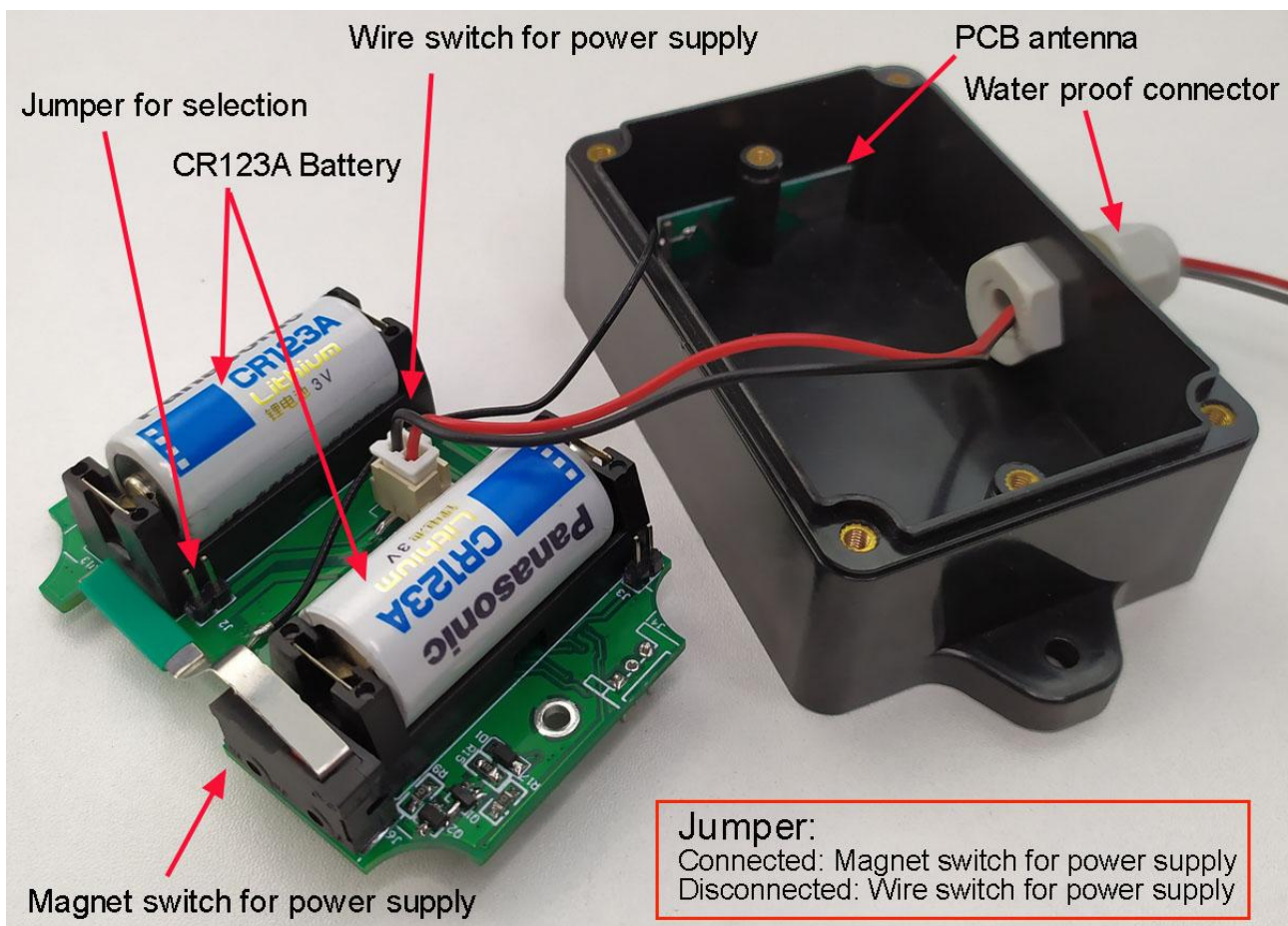
If user need to use a magnetic steel switch, then must use the attached Shorting block to short the JUMPER pins. If don't use it, must keep it open

If user need to use the wire switch, user need to plug in the switch wire and pass the switch wire through the waterproof connector to the outside of the box.

GABP has two power supply switches

One is the magnetic steel attraction method. When a magnet sheet is placed on the box, it will attract the internal magnet switch to the off state. When the magnet on the surface of the box is removed, the magnet switch will bounce back to the ON state and the Battery will start to supply power to the board and then enter the alarm status.

In addition, there is a switch input line on the box. If the two lines are shorted, the box will start to supply power and enter the alarm.



(When the alarm is over, **Both the switches** must be restored to the power-off state (that is, the magnetic steel sucks back the switch and the input line should be disconnected, otherwise the box cannot be completely powered off, and a small amount of power will continue to be consumed until both switches are off)

The user needs to complete the settings of the device within 5 minutes after powering on, otherwise the device will enter the sleep state. and then it would need to be powered on again to receive the setting SMS. Therefore, before powering on the device, it is best to prepare the SMS text message content that needs to be set.

Start to program the device with simple SMS command

STEP1 : Power on the device

1. Connect the wire switch or Remove the magnet sheet on the box to power on the box (The first 5 minutes after powered on, User can send the SMS command to program)
2. MCU LED will start to blink
3. GSM LED start to blink with fast flashing around two times per second
4. After connected to the GSM net, GSM LED will blink slowly once very two seconds

STEP2: Start to register the Admin numbers for the Alarm box with SMS command

Program your Phone number into the device, that is used to receive the alert:

(1) Program the numbers to receive the Alert with SMS

@#232425353#45353365#43536363

(2) Program the numbers to receive the Alert with Phone Calls

�#45353365#43536363

Both Maximum numbers are three, if you only want to setup one or two number, then just use

@#232425353#45353365 or @#232425353

�#45353365 or �

STEP3: Preset the Alarm SMS text for Alarm

#1#Front window alarm

“Front window alarm” can be changed to text that is easy for users to understand

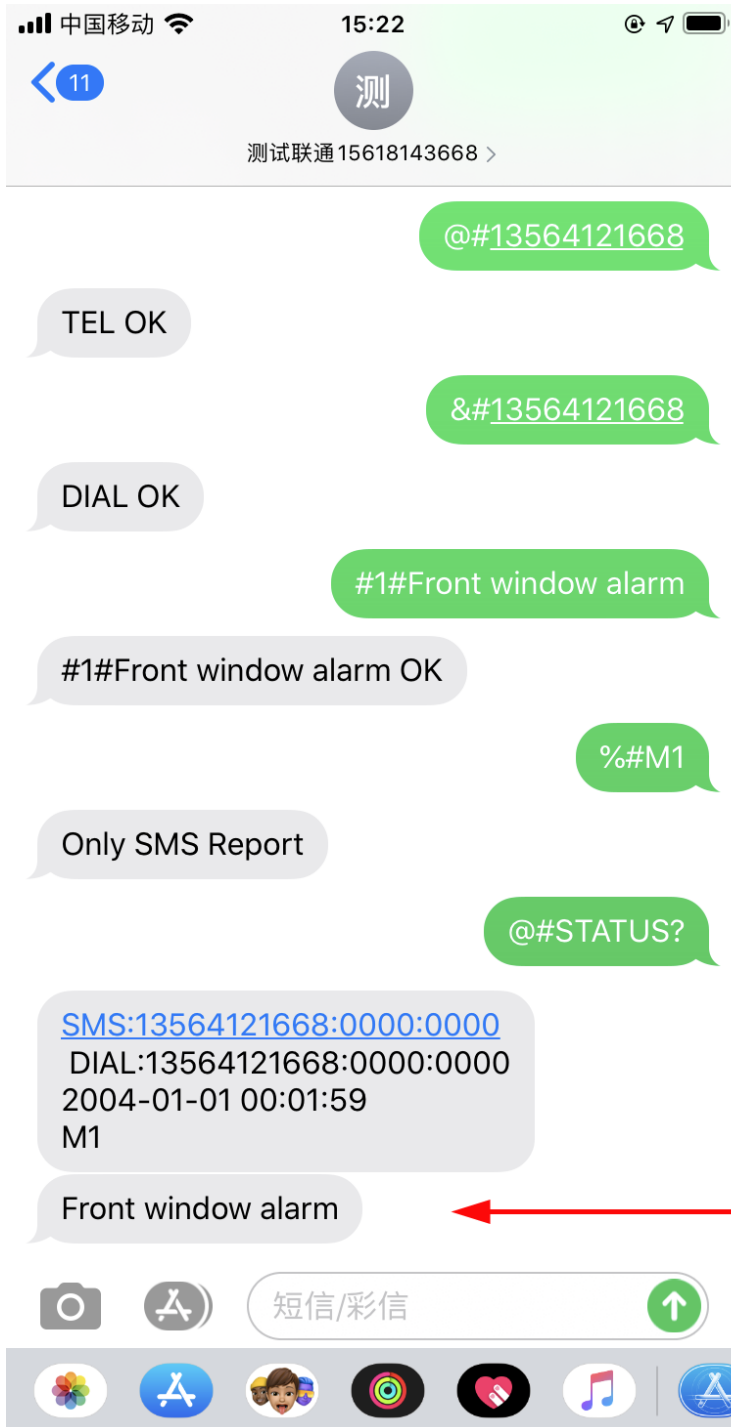
STEP4: Select the alarm working mode

- ##M1 Only SMS alarm report
- ##M2 Only Phone calling alarm report
- ##M3 SMS and phone calling alarm report

STEP5: How to read the device status and parameters?

@#STATUS?





Register the SMS alarm numbers

Register the phone Call alarm numbers

Preset the customized alarm SMS text

Preset the working mode

Read back the status to check the setting if necessary

Remove the magnet sheet or short the wires to test and receive the alert SMS

Start to test

Put back the magnet sheet and also disconnect the two input wire. And the box will be powered off to standby state very soon, then can start to test.

And now if the user removes the magnet again, or short-circuits the input line, the box will start to alarm.

It must be remembered that after the alarm is completed, you need to manually restore the magnet and the input line to the original position (**Return the magnet and disconnect the input line**), otherwise, although the box enters the dormant state, there will still be a little power consumption and long Over time, the battery will run out of power. Also we need to restore both the magnet and the input line to the original position, then the GABP can start to alarm again.