Sonew Sonewcq69pwadfg

Sonew GA01P GSM Alarm System User Manual

Model: GA01P (Sonewcq69pwadfg) | Brand: Sonew

1. Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Sonew GA01P GSM Alarm System. The GA01P is a compact and smart GSM SMS alarm module designed to provide alerts via SMS messages and calls upon trigger events. It is ideal for integrating into various security systems, offering reliable remote notification capabilities.

2. Product Overview

The Sonew GA01P is a 1-channel GSM SMS alarm system. Its key features include:

- Ability to send SMS alert messages to up to 6 preset mobile phones when any alert input is triggered.
- Support for external rechargeable battery (not included) for power failure alarm functionality.
- The input of GA01P functions as a switch; when the input port is shorted to the ground (GND), an alarm message is sent or a call is made to preset numbers.
- Customizable SMS alarm message content.
- Smart and slim design for easy integration into existing systems.



Figure 2.1: Front view of the Sonew GA01P GSM Alarm System module. It features input terminals, a SIM card slot, DC power input, and

a programming switch. An antenna connector is visible at the top.



Figure 2.2: The GA01P module shown alongside its typical accessories, including an external antenna and a small buzzer, which can be connected for audible alerts.

3. Setup and Installation

3.1 Power Supply

The GA01P requires a DC 6V-15V power input. Ensure the correct voltage and polarity are observed when connecting the power supply to the DC IN terminals. An external rechargeable battery (not included) can be connected to provide power failure alarm functionality.



Figure 3.1: Illustration of the power input terminals (DC6V-15V) and the programming switches (ON/OFF) on the GA01P module. Pay close attention to the voltage requirements and polarity.

3.2 SIM Card Installation

Insert a valid GSM SIM card into the designated SIM card slot on the module. Ensure the SIM card is active and has sufficient credit for SMS and calls. Note that this device operates on 2G networks. Compatibility with local network providers should be verified before installation.

3.3 Input Connections

The GA01P's input (IN1) is designed to work with a switch. When the input port is shorted to the ground (GND), the alarm is triggered. This allows connection to various sensors such as magnetic switches (door/window sensors) or infrared sensors, which provide a contact closure upon detection.



Figure 3.2: The GA01P module integrated into a security setup, demonstrating how a triggered event (e.g., an intruder) can lead to an SMS alarm notification on a mobile phone.

4. Operating Instructions

4.1 Programming Alarm Numbers

The system can be programmed to send SMS alerts and make calls to up to 6 preset mobile phone numbers. Refer to the detailed programming instructions provided with the device for setting these numbers. Typically, this involves sending specific SMS commands to the GA01P's SIM card number.

4.2 Customizing SMS Alert Messages

You can customize the content of the SMS alarm messages. This allows for clear identification of the triggered event or location. Consult the programming guide for the specific SMS commands required to set custom alert texts.

4.3 Alarm Triggering

When the connected input switch is triggered (e.g., a door opens, an infrared sensor detects motion), the GA01P will immediately

initiate the alarm sequence. This includes sending the preset SMS messages to all configured numbers and/or making calls to them.



Figure 4.1: The GA01P module's capability to send SMS alert messages to multiple preset mobile phones (up to 6 users) simultaneously when an alarm input is triggered.

5. Maintenance

To ensure optimal performance and longevity of your Sonew GA01P GSM Alarm System, follow these maintenance guidelines:

- **Regular Cleaning:** Keep the module clean and free from dust. Use a soft, dry cloth for cleaning. Avoid using liquid cleaners.
- **SIM Card Check:** Periodically check the SIM card for active status and sufficient balance to ensure continuous operation.
- **Power Supply:** Ensure a stable power supply within the specified voltage range (DC 6V-15V). If using an external battery for power failure alerts, ensure it is charged and in good condition.
- **Environmental Conditions:** Install the device in a dry environment, away from extreme temperatures, humidity, and direct sunlight.

6. Troubleshooting

If you encounter issues with your GA01P GSM Alarm System, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No SMS alerts or calls received.	◦ SIM card inactive or no credit. ◦ Incorrectly inserted SIM card. ◦ Incorrectly programmed alarm numbers. ◦ Weak GSM signal. ◦ Device is 2G, not compatible with local network.	◦ Check SIM card status and balance. ◦ Reinsert SIM card correctly. ◦ Verify programmed numbers via SMS commands. ◦ Relocate device to an area with better signal. ◦ Confirm 2G network availability in your region.
Device not powering on.	◦ Incorrect power supply voltage. ◦ Loose power connection. ◦ Faulty power adapter.	◦ Ensure power supply is DC 6V-15V. ◦ Check all power connections are secure. ◦ Test with a different compatible power adapter.
Alarm not triggering from sensor.	◦ Sensor not connected correctly. ◦ Sensor malfunction. ◦ Input (IN1) not shorting to GND.	◦ Verify sensor wiring to IN1 and GND terminals. ◦ Test the sensor independently. ◦ Ensure the sensor provides a proper contact closure.

7. Specifications

Attribute	Value
Brand	Sonew
Model Number	Sonewcq69pwadfg (GA01P)
Mounting Type	Wall Mount
Sensor Technology	Contact Sensor
Item Weight	5.3 ounces
Product Dimensions	0.39 x 0.39 x 0.39 inches
Country of Origin	China
Item Package Quantity	1
Batteries Required?	No (external battery for power failure alarm not included)
Power Source	Battery Powered (refers to external battery capability)
Voltage	15 Volts (DC 6V-15V operating range)
Control Method	Remote (via SMS commands)

Note: Some specifications may vary slightly. The "Battery Powered" and "15 Volts" refer to the device's capability to be powered by an external battery and its operating voltage range, respectively. An internal battery is not included.

8. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact Sonew customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
For further assistance, you may visit the official Sonew store on Amazon:Sonew Store

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