PGST 108E

PGST Home Security System 108E User Manual

Model: 108E

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your PGST Home Security System 108E. This system is designed to provide comprehensive security for your home, offering features such as app alerts, Wi-Fi connectivity, and compatibility with smart home assistants. The PGST Home Security System 108E is a 21-piece kit that includes a control panel (host), 4 motion sensors, 8 door/window sensors, 3 RFID cards, 3 remote controls, 1 siren, and 1 SOS alarm button. It offers 24/7 protection without monthly subscription fees.

2. PRODUCT COMPONENTS

The PGST Home Security System 108E kit includes the following items:

- 1 x Control Panel (Host)
- 4 x Motion Sensors
- 8 x Door/Window Sensors
- 3 x RFID Cards
- 3 x Remote Controls
- 1 x Siren
- 1 x SOS Alarm Button

Image: All components included in the PGST Home Security System 108E 21-piece kit, including the control panel, motion sensors, door/window sensors, RFID tags, remote controls, siren, and SOS button.

3. Setup & Installation

3.1. Alarm Host Installation

The alarm host should be securely mounted on a wall. First, fix the mounting bracket to the wall using appropriate screws. Then, slide the alarm host onto the bracket until it clicks into place.

Complete Control
One-touch operation of all accessories

Image: The main control panel of the PGST Home Security System 108E, surrounded by various sensors and remote controls, illustrating a complete setup.

For a visual guide on setting up the system, refer to the video below:

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Video: This video demonstrates the initial setup process for the PGST Home Security System 108E, guiding users through the basic steps to get the system operational.

3.2. Motion Sensor Installation

Motion sensors should be installed at an optimal height of 1.8 to 2.2 meters to ensure effective coverage. Avoid placing them near windows or areas with strong light and heat flow vents to prevent false alarms. The detection angle is 110 degrees.

Image: A motion sensor mounted on a wall, illustrating the recommended installation height of 2.2 meters and a 110-degree field of view for optimal motion detection.

3.3. Door/Window Sensor Installation

Install the door/window sensors on doors, windows, or cupboards. Ensure the two parts of the sensor are aligned and close to each other when the door/window is closed. When the door or window is opened, the sensor will trigger an alarm.

Door Magnetic Sensor

Alarm immediately when doors and windows are opened

Image: A door magnetic sensor installed on a door frame, demonstrating how the two parts separate when the door opens, triggering an alarm.

3.4. SOS Alarm Button Installation

The SOS alarm button can be placed in easily accessible locations for emergency use. Pressing this button will immediately trigger an SOS alarm.

3.5. Accessory Pairing

To ensure all components communicate with the main control panel, they must be paired. Follow the instructions below for pairing various accessories.

Your browser does not support the video tag.

Video: This video provides a comprehensive guide on connecting and pairing various accessories, such as remote controls, RFID cards, motion sensors, and door/window sensors, with the PGST Home Security System 108E control panel.

4. OPERATING INSTRUCTIONS

4.1. Setting Keypad Lock Password

To set or change the keypad lock password on your control panel, navigate through the menu options. This

password is essential for disarming the system and accessing settings.

Your browser does not support the video tag.

Video: This video demonstrates how to set and manage the keypad lock password on the PGST Home Security System 108E control panel, including how to enable or disable the keypad lock feature.

4.2. Arming and Disarming the System

The system can be armed or disarmed using the remote controls, RFID cards, or through the mobile application.

- **Remote Control:** Press the arm button to arm the system (away mode) or the disarm button to disarm. The home mode button can be used for partial arming.
- **RFID Card:** Tap the RFID card on the designated area of the control panel to arm or disarm the system.
- **Mobile App:** Use the Smart Life or Tuya app to remotely arm, disarm, or set the system to home mode.

Image: Three remote controls, each with buttons for arming, disarming, home mode, and SOS, providing convenient control over the security system.

Wi-Fi + 4G Dual Support

After connecting to Wi-Fi or inserting a 4G SIM card, you can receive remote alerts via smartphone notifications, text messages, and phone calls (Calls incur an extra fee).

Image: Two black RFID cards with keyrings, used for tap-to-arm or disarm functionality on the control panel, offering a password-free method of control.

5. FEATURES & FUNCTIONALITY

5.1. App Control (Smart Life/Tuya)

The system supports the Smart Life and Tuya applications, allowing you to control and monitor your security system remotely from your smartphone. Receive real-time notifications and manage settings from anywhere.

Easy Installation

One person can install the whole thing,
no need for professional staff

Image: A smartphone displaying the Smart Life app interface, showing an active alarm notification and options for alarm silence or removal, highlighting remote control capabilities.

5.2. Dual Connectivity (Wi-Fi + 4G/GSM)

The system offers dual connectivity options: Wi-Fi (2.4GHz) and 4G/GSM. By inserting a GSM SIM card (not included), you can receive remote alerts via smartphone notifications, text messages, and phone calls (call charges may apply). This ensures continuous protection even if Wi-Fi is unavailable.

Image: A diagram illustrating the dual connectivity of the alarm system, showing connections via 2.4GHz Wi-Fi and 4G/GSM (with SIM card slot), enabling remote alerts and calls.

5.3. Voice Control

The PGST Home Security System 108E is compatible with Amazon Alexa and Google Assistant, allowing for convenient voice control of your system. You can arm or disarm the alarm using simple voice commands.
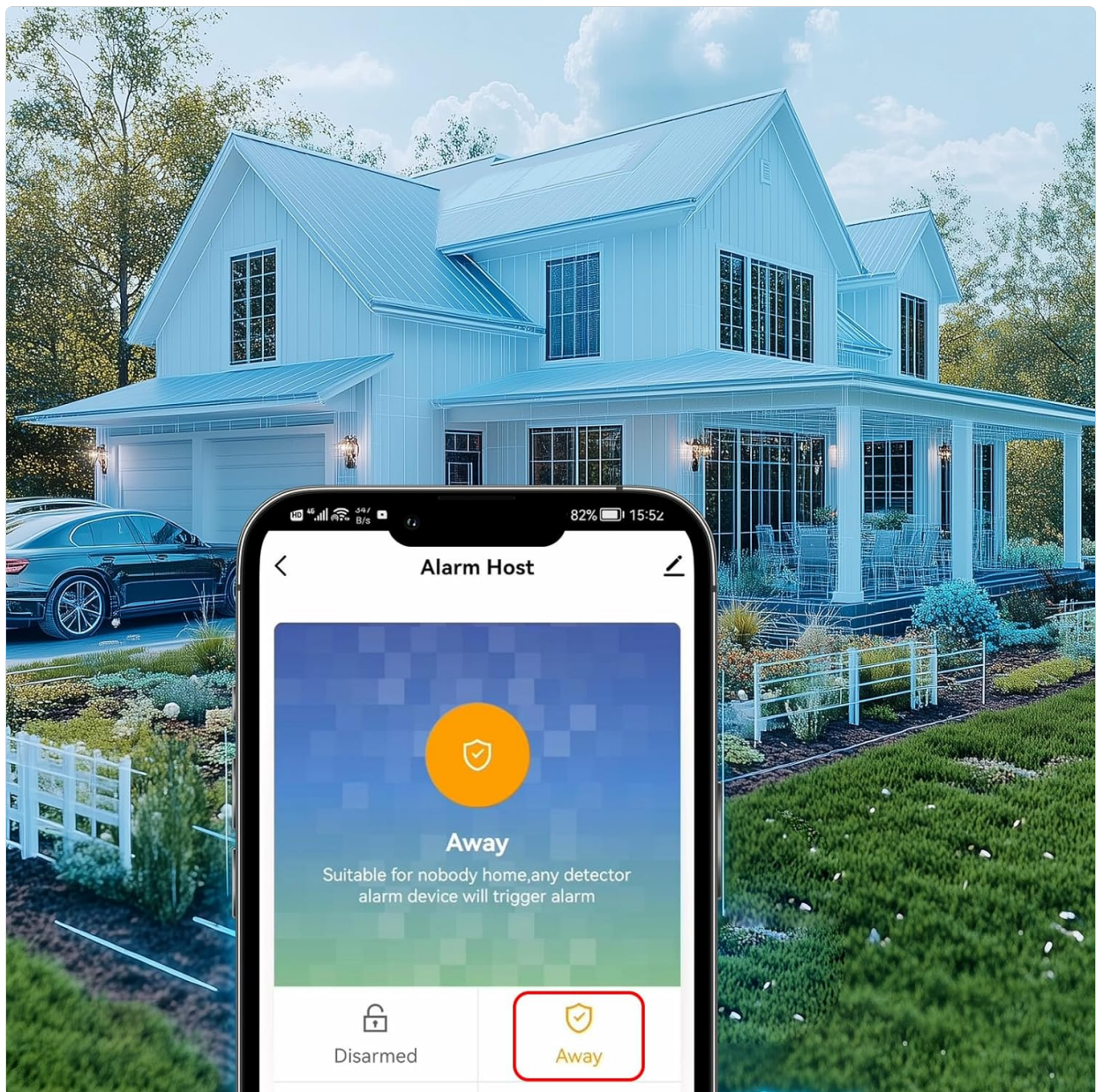
Image: Two children interacting with smart home devices (Alexa and Google Assistant) for voice control of the security system, demonstrating ease of use for various family members.

5.4. Family Sharing

The system allows concurrent linking of up to 5 phone numbers to share alerts and control with family members, ensuring everyone is informed and can manage the system.

5.5. Elderly Care

The dedicated SOS button provides an important safety feature for elderly individuals. In an unexpected situation, pressing the SOS button will send a reminder to pre-set phone numbers, ensuring prompt assistance.

5.6. Loud Alarm

When an intruder is detected, the system triggers a 120dB siren to deter them and sends an alert message to the owner's phone.

5.7. Entry Sensors

Door and window sensors are installed to detect unauthorized entry. They not only prevent burglaries but can also be used to monitor if children leave the house.

5.8. Pet Security

The system is designed to keep pets safe indoors while preventing escapes, offering peace of mind for pet owners and home security.

6. SPECIFICATIONS

Feature	Detail
Brand	PGST
Power Source	Battery Powered
Compatible Devices	Smartphone, Alexa, Google Assistant, Smart Life, TUYA
Item Dimensions (L x W x H)	1 x 1 x 1 inches
Connectivity Technology	Wired (for power), Wireless (for sensors), Wi-Fi, 4G/GSM
Installation Type	Self-Adhesive
Alert Type	Motion, Door/Window Open, SOS, Fire (with smoke detector)
Item Weight	1.76 pounds (0.8 Kilograms)
Control Method	App, Push Button, Remote, Voice
Battery Cell Composition	Lithium Polymer (1 included)
Included Components	Alarm Host, Door Magnetic Sensor (8), Remote control (3), Infrared sensor (4), RFID cards (3), Siren (1), SOS button (1)
Unit Count	21.0 Count
Item Model Number	21-Kits (Style: 108E)

7. TROUBLESHOOTING

If you encounter issues with your PGST Home Security System 108E, consider the following common troubleshooting steps:

- **No Power:** Ensure the control panel is properly connected to a power source and that the internal battery is charged. Check for any tripped circuit breakers.
- **Sensor Not Triggering:** Verify that the sensor is correctly paired with the control panel. Check battery levels in the sensor. Ensure proper installation and alignment (for door/window sensors) or clear line of sight (for motion sensors).
- **False Alarms:** Review sensor placement to avoid areas with drafts, direct sunlight, or moving objects (for motion sensors). Adjust sensitivity settings if available.
- **App Connectivity Issues:** Confirm your Wi-Fi network is active and the control panel is connected.

Check your smartphone's internet connection. Restart the app and the control panel if necessary.

- **Remote Control/RFID Not Working:** Check the battery in the remote control. Ensure the RFID card is being tapped correctly on the panel. Re-pair the accessory if necessary.
- **No Alerts:** Verify that notification settings are enabled in the mobile app. If using a SIM card, ensure it is active, has credit, and is correctly inserted. Check signal strength.

If problems persist, refer to the support section for contact information.

8. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your security system:

- **Battery Replacement:** Replace batteries in sensors, remote controls, and the SOS button as needed. The system may provide low battery alerts.
- **Cleaning:** Gently clean the control panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or liquids.
- **Firmware Updates:** Check the mobile application periodically for any available firmware updates for the control panel to ensure you have the latest features and security enhancements.
- **System Testing:** Periodically test all sensors and alarm functions to confirm they are working correctly.

9. WARRANTY AND SUPPORT

PGST is a brand specializing in intelligent security solutions. The PGST Home Security System 108E is sold by "PGST store" on Amazon.

For technical assistance or warranty inquiries, please contact the seller directly through your Amazon order details. PGST offers professional team support, lifetime technical support, and quick response within 365 days.

For more information, you can visit the PGST Store on Amazon.

Related Documents - 108E

	PGST Smart Alarm System - Operating Instructions and Support Get started with your PGST Smart Alarm System (PG-103, PG107). This guide provides operating instructions, support contact, and information on multilingual resources for home security.
	GSM & WiFi Alarm System User Manual User manual for the GSM & WiFi Alarm System, detailing features, setup, operation, and mobile app integration for the PG103 alarm host.
	Photoelectric Smoke Alarm User Manual - PGST Models PG-S05 to PG-S09 Comprehensive user manual for PGST photoelectric smoke alarms (models PG-S05, PG-S06, PG-S07, PG-S08, PG-S09). Includes installation, operation, maintenance, troubleshooting, and safety information.

	PGST PG-109 Alarm Host User Manual
	Comprehensive user manual for the PGST PG-109 Alarm Host security system, covering installation, operation, features like remote control, wireless detectors, app integration, and technical specifications.
	PG-S01 Smoke Alarm User Manual | PGST
	Comprehensive user manual for the PGST PG-S01 Smoke Alarm, covering installation, operation, troubleshooting, and technical specifications. Ensure home safety with this reliable photoelectric smoke detector.
	Carbon Monoxide Gas Alarm Detector PG-C01/PG-C02/PG-C03/PG-C04/PG-C05 User Manual
	Comprehensive user manual for the PGST Carbon Monoxide Gas Alarm Detector models PG-C01, PG-C02, PG-C03, PG-C04, and PG-C05. Covers installation, operation, troubleshooting, maintenance, technical specifications, and important information about carbon monoxide.