PGST PG107

PGST Home Security Alarm System User Manual

Model: PG107

1. PRODUCT OVERVIEW

The PGST Home Security Alarm System is a comprehensive, DIY-friendly solution designed to protect your home or business without monthly fees. It features a 4.3-inch color IPS capacitive touchscreen for intuitive operation, real-time status display, and supports multilingual menus, voice operation, and SMS alerts.

This system is highly customizable, allowing you to easily expand your security setup with additional PGST accessories, such as door sensors, motion detectors, SOS buttons, remote controls, doorbells, and outdoor sirens. It supports multi-channel alarm modes and can be configured manually to suit your specific needs.

Figure 1: Overview of the PGST Home Security Alarm System and its included components.

2. WHAT'S INCLUDED

The 12-piece PGST Home Security Alarm Kit typically includes:

- 1 x Alarm Host (Main Control Panel with 4.3-inch color IPS display)
- 2 x Remote Controls
- 2 x Motion Detection Sensors (Infrared)
- 4 x Door/Window Contact Sensors
- 2 x RFID Tags
- 1 x Wireless Siren
- Power Adapter for Alarm Host
- Mounting Hardware

Complete Control
One-touch operation of all accessories

Figure 2: The alarm host provides complete control over all connected accessories.

3. Setup and Accessory Pairing

The system is designed for easy DIY installation. Follow the steps below to pair your accessories with the main alarm host. For a visual guide, please refer to the official accessory connection video.

Official Accessory Connection Video

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Video 1: Detailed guide on connecting and pairing accessories with the PGST Home Security System.

3.1. Pairing Remote Controls

1. From the main menu, navigate to **Parts**.
2. Select **Remote**.
3. Tap the **Add (+)** icon.

4. Press any button on your remote control. The system will confirm successful learning.

5. Repeat for all remote controls.

3.2. Pairing Infrared (Motion) Detectors

Figure 3: Motion detection sensor with its effective range and field of view.

1. From the main menu, navigate to **Parts**.

2. Select **Detector**.

3. Tap the **Add (+)** icon.

4. Choose the desired alarm type (e.g., **Panic Alarm**) and arming mode (e.g., **Out Arm Active**).

5. Wave your hand in front of the infrared detector to trigger it. The system will confirm successful learning.

3.3. Pairing Magnetic Door/Window Sensors

Your Windows & Doors Safeguard

Real-time Alarm   Easy to install   Versatile Uses   Long Batteries Life   Compact Design

Figure 4: Door and window sensors provide real-time monitoring and trigger alarms upon unauthorized entry.

1. From the main menu, navigate to **Parts**.
2. Select **Detector**.
3. Tap the **Add (+)** icon.
4. Choose the desired alarm type (e.g., **System Alarm**) and arming mode (e.g., **Out Arm Active**).
5. Separate the two parts of the magnetic door sensor to trigger it. The system will confirm successful learning.

3.4. Pairing RFID Tags

1. From the main menu, navigate to **Parts**.
2. Select **RFID**.
3. Tap the **Add (+)** icon.
4. Place the RFID tag on the designated RFID sensing area of the alarm host. The system will confirm successful learning.

3.5. Pairing SOS Buttons (Panic Alarm)

1. From the main menu, navigate to **Parts**.

2. Select **Detector**.

3. Tap the **Add (+)** icon.

4. Choose the desired alarm type (e.g.,**Panic Alarm**) and arming mode (e.g.,**Out Arm Active**).

5. Press the SOS button. The system will confirm successful learning.

3.6. Pairing Doorbells

1. From the main menu, navigate to**Parts**.

2. Select **Detector**.

3. Tap the **Add (+)** icon.

4. Choose the desired alarm type (e.g.,**Living Room Alarm**) and arming mode (e.g.,**Doorbell**).

5. Press the doorbell button. The system will confirm successful learning.

3.7. Pairing Wireless Siren

1. From the main menu, navigate to**Parts**.

2. Select **Siren Learn**.

3. Turn on the siren switch.

4. Long-press the button on the siren until you hear three beeps. The system will confirm successful learning.

3.8. Pairing Smoke/Gas Alarm

1. From the main menu, navigate to**Parts**.

2. Select **Detector**.

3. Tap the **Add (+)** icon.

4. Choose the desired alarm type (e.g.,**Gas Alarm**) and arming mode (e.g.,**Out Arm Active**).

5. Press and hold the button on the smoke/gas alarm. The system will confirm successful learning.

4. OPERATING INSTRUCTIONS

4.1. Arming and Disarming the System

- **Remote Control:** Use the arm/disarm buttons on the remote control.
- **RFID Tag:** Tap the RFID tag on the designated area of the alarm host to arm or disarm.
- **Touchscreen:** Use the intuitive touchscreen interface to arm, stay arm, or disarm the system.
- **Phone App:** Control all systems in your home from your cell phone using the dedicated app.
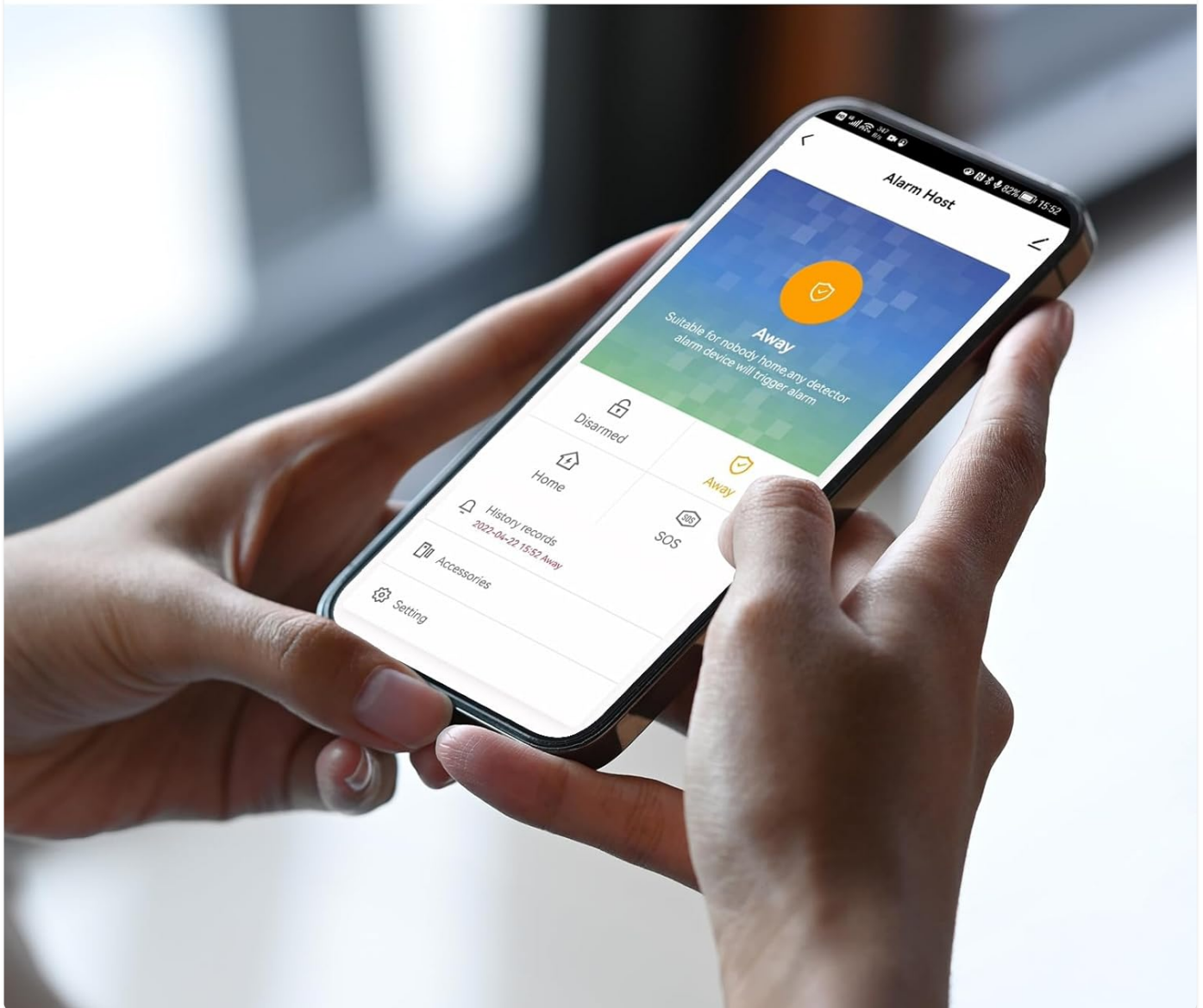- **Voice Control:** The system is compatible with Alexa, allowing for convenient voice control.

Figure 5: Control your security system remotely via the mobile application.

4.2. Sensor Functionality

- **Motion Detection:** When armed, motion detectors will trigger an immediate alarm upon sensing movement.
- **Door/Window Sensors:** Monitor door/window status in real-time. When opened while armed, they trigger a 120dB siren and send instant push alerts to your smartphone.
- **SOS Function:** In an emergency, pressing the SOS button will trigger an alarm and notify pre-set contacts.

Figure 6: Versatile door/window sensors for various entry points.

4.3. Power Failure Backup

The alarm system is designed to continue functioning for up to 5-8 hours during a sudden loss of power or internet connection at home, ensuring continuous protection.

Usable Post-power Failure
Keep Working, Even No WiFi/4G

The alarm will continue to function for up to 5~8 hours
when there is a sudden loss of power or internet connection at home.

Figure 7: The system maintains functionality even during power outages or loss of internet connection.

5. MAINTENANCE

Regular maintenance is crucial for optimal performance. Keep sensors clean and free from obstructions. Check battery levels periodically for wireless components and replace them as needed. Ensure the main unit's power supply is secure.

6. TROUBLESHOOTING

If you encounter any issues, please refer to the following common troubleshooting tips:

- **Accessory Not Pairing:** Ensure the accessory is powered on and within range of the main unit. Re-attempt the pairing process carefully following the steps in Section 3.
- **False Alarms:** Check motion sensor placement to avoid triggering by pets or environmental factors. Ensure door/window sensors are securely mounted and not misaligned.
- **No Alerts on Phone:** Verify your phone's internet connection and app notification settings. Ensure the alarm host has a stable internet connection (Wi-Fi or 4G/2G/3G if applicable).

- **System Unresponsive:** Try restarting the main alarm host by disconnecting and reconnecting its power.

For persistent issues, please contact customer support as detailed in Section 8.

7. SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	PG107
Power Source	Battery Powered (Lithium Ion battery included)
Connectivity Technology	Wired (for main unit power), Wireless (for sensors)
Item Dimensions (L x W x H)	1 x 0.98 x 1 inches (main unit)
Item Weight	1.68 pounds (0.76 Kilograms)
Display	4.3 inch color IPS display, capacitive touch screen
Included Components	Alarm Host, Remote Control, Motion Detection, Door Sensor (as part of 12-piece kit)

8. WARRANTY AND SUPPORT

PGST is committed to providing reliable security solutions. This product comes with:

- **Lifetime Technical Support:** Access to professional assistance for any technical queries or issues.
- **Quick Response:** Dedicated support available within 365 days for prompt resolution of concerns.

For support, please refer to the contact information provided with your product packaging or visit the official PGST website.

Related Documents - PG107

[Strobe Siren User Manual - Installation and Operation Guide](#)
User manual for the Strobe Siren Wi-Fi audible and visual alarm system, covering installation, setup, and daily operations. Includes technical specifications and FCC compliance information.

	[Solar Alarm User's Manual - Installation, Operation, and Technical Specifications](#) Comprehensive user manual for the Solar Alarm system, detailing product overview, remote operation, installation guide, charging instructions, technical parameters, and FCC compliance. Learn how to set up and use your solar-powered security alarm.
	[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-S11 Smoke Alarm User Manual | SZ PGST CO., LTD](#) Comprehensive user manual for the SZ PGST CO., LTD PG-S11 Smoke Alarm. Includes product overview, technical specifications, installation guide, operating instructions, troubleshooting, maintenance, and FCC compliance information.
	[Alam Host User Guide: Setup, Features, and Operation](#) Comprehensive user guide for the Alam Host security system, covering setup, features, accessories, mobile app integration, and smart home connectivity. Learn how to install, configure, and operate your Alam Host.
	[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.