PGST PG105F-US-A

PGST Wireless Home Alarm System PG105F-US-A Instruction Manual

Model: PG105F-US-A

1. PRODUCT OVERVIEW

The PGST Wireless Home Alarm System is an 8-piece kit designed for comprehensive home security. It features WiFi and 4G dual-channel connectivity, allowing for remote control and real-time alerts via a smartphone application. The system is compatible with voice assistants like Alexa for convenient operation. It offers a DIY installation process with no monthly fees.

- **Easy DIY Installation:** Set up the system quickly without the need for wiring or drilling.
- **No Monthly Fees:** A one-time purchase provides 24-hour protection without ongoing subscription costs.
- **Remote/Voice Control:** Manage your security system from anywhere using the Smart Life app or voice commands with Alexa.
- **Real-time Alerts:** Receive immediate notifications on your smartphone and trigger a 120dB alarm when sensors are activated.
- **Expandable System:** Supports up to 99 sensors and 5 remotes, suitable for various home sizes (Note: 5G networks are not supported).

2. PACKAGE CONTENTS

The PGST Wireless Home Alarm System 8-Piece Kit includes the following components:

- 1x Alarm Host (Main Control Panel)
- 1x Door Sensor
- 1x Motion Detector
- 2x Remote Controls
- 2x RFID Cards
- 1x Alarm Siren
- 1x Motion Sensor Bracket
- 1x Screw Kit for installation
- 1x Charger (USB Type C)
- 1x User Manual

	Alarm Host	Motion Detector	Entry Sensor
A package	×1	×1	×1
RFID Cards	Remote Fob	Siren	SOS
×2	×2	×1	0
Motion Sensor Bracket	Screw Kit	Charger	User Manual
×1	×1	×1	×1

Figure 2.1: All components included in the PGST Wireless Home Alarm System 8-Piece Kit.

3. SETUP & INSTALLATION

3.1 Main Control Panel Installation

The Alarm Host can be mounted on a wall using the provided screw kit. Ensure it is placed in a central location for optimal wireless signal coverage. Connect the host to power using the included USB Type C charger. The system features an internal battery for backup during power outages, providing up to 8 hours of operation.

Figure 3.1: The Alarm Host mounted on a wall, showing its sleek design and digital interface.

3.2 Sensor Installation

Door/Window Sensors: These sensors consist of two parts. Mount one part on the door/window frame and the other on the moving part of the door/window, ensuring they are aligned and close to each other when the door/window is closed. Use the provided adhesive or screws for installation.

Figure 3.2: A door sensor installed on a door, with its two components aligned to detect opening and closing.

Motion Detectors: Install motion detectors in corners or areas with high traffic to cover entry points. Use the provided bracket and screws for secure mounting. Ensure the detector has a clear line of sight and is not obstructed by furniture or curtains.
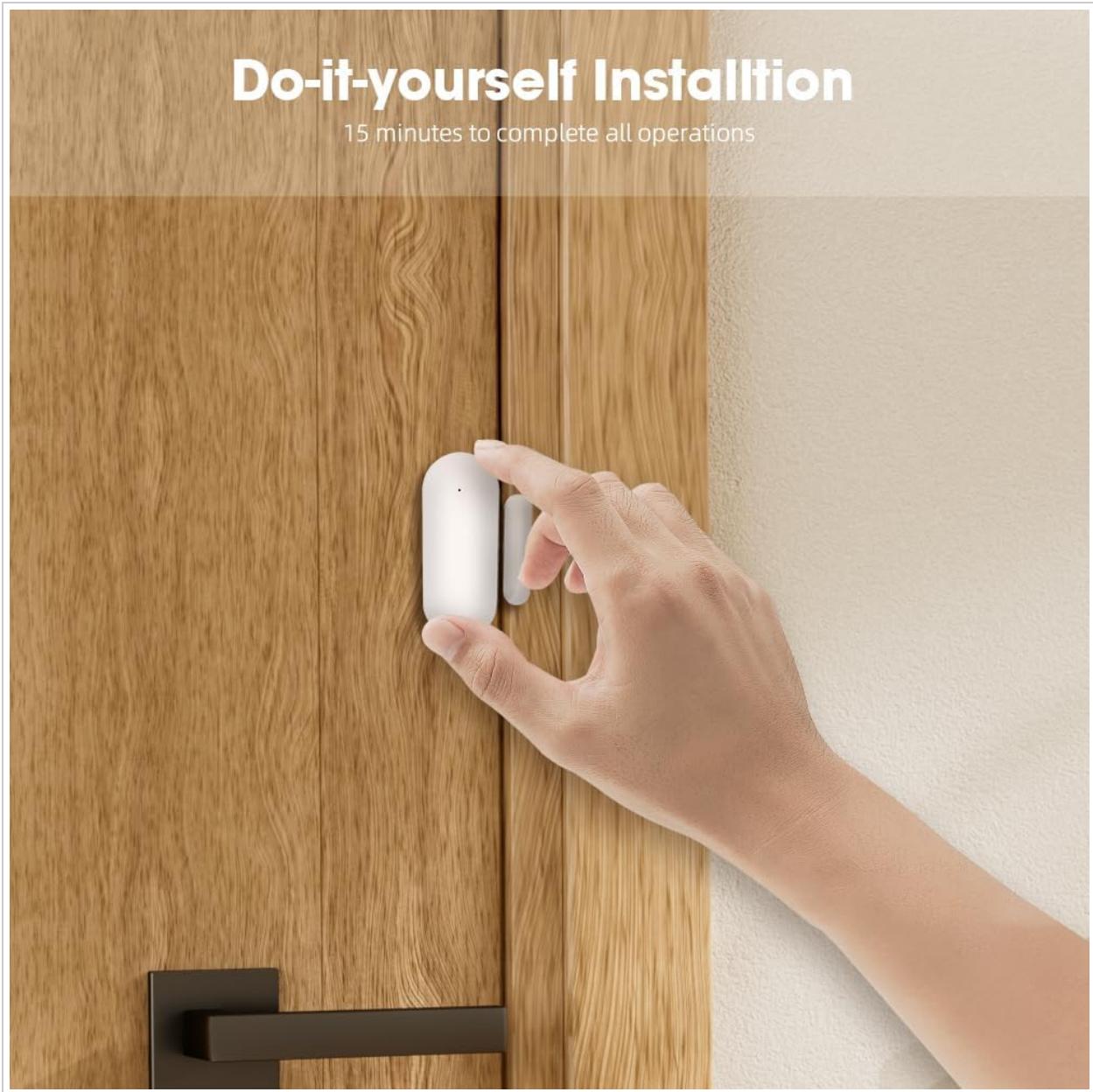
Figure 3.3: A motion detector mounted in a corner, positioned to monitor a room for movement.

3.3 Smart Life App Connection

Download the Smart Life app from your smartphone's app store. Follow the in-app instructions to register an account and add your PGST Alarm Host. The app will guide you through connecting the alarm to your 2.4GHz WiFi network. Once connected, you can manage all system settings and receive real-time alerts.

Unstoppable Protection:
Works Through WiFi Crashes & Power Outages

4. OPERATING INSTRUCTIONS

4.1 Arming and Disarming

The system can be armed or disarmed using several methods:

- **Alarm Host Keypad:** Enter your PIN on the touch keypad to arm or disarm the system.
- **Remote Controls:** Use the provided remote controls to arm (locked icon), disarm (unlocked icon), or activate the SOS function.
- **RFID Cards:** Tap an RFID card on the designated area of the Alarm Host for quick arming or disarming.
- **Smart Life App:** Use the app to remotely arm, disarm, or set home mode.
- **Voice Control (Alexa):** Integrate with Alexa to arm or disarm the system using voice commands.

Figure 4.1: Remote controls for convenient arming, disarming, and SOS activation.

Figure 4.2: RFID cards offer a touch-based method for arming or disarming the system.

4.2 Alerts and Notifications

When a sensor is triggered, the system will activate a 120dB siren to deter intruders. Simultaneously, you will receive real-time notifications on your smartphone via the Smart Life app, indicating which sensor was triggered. This allows for immediate action and awareness of your home's security status.

Figure 4.3: The Smart Life app provides timely alerts, including low battery reminders for sensors.

4.3 Voice Control with Alexa

To enable voice control, link your Smart Life account with your Amazon Alexa device. Once linked, you can use voice commands such as "Alexa, arm alarm system" or "Alexa, disarm" to control your security system hands-free.
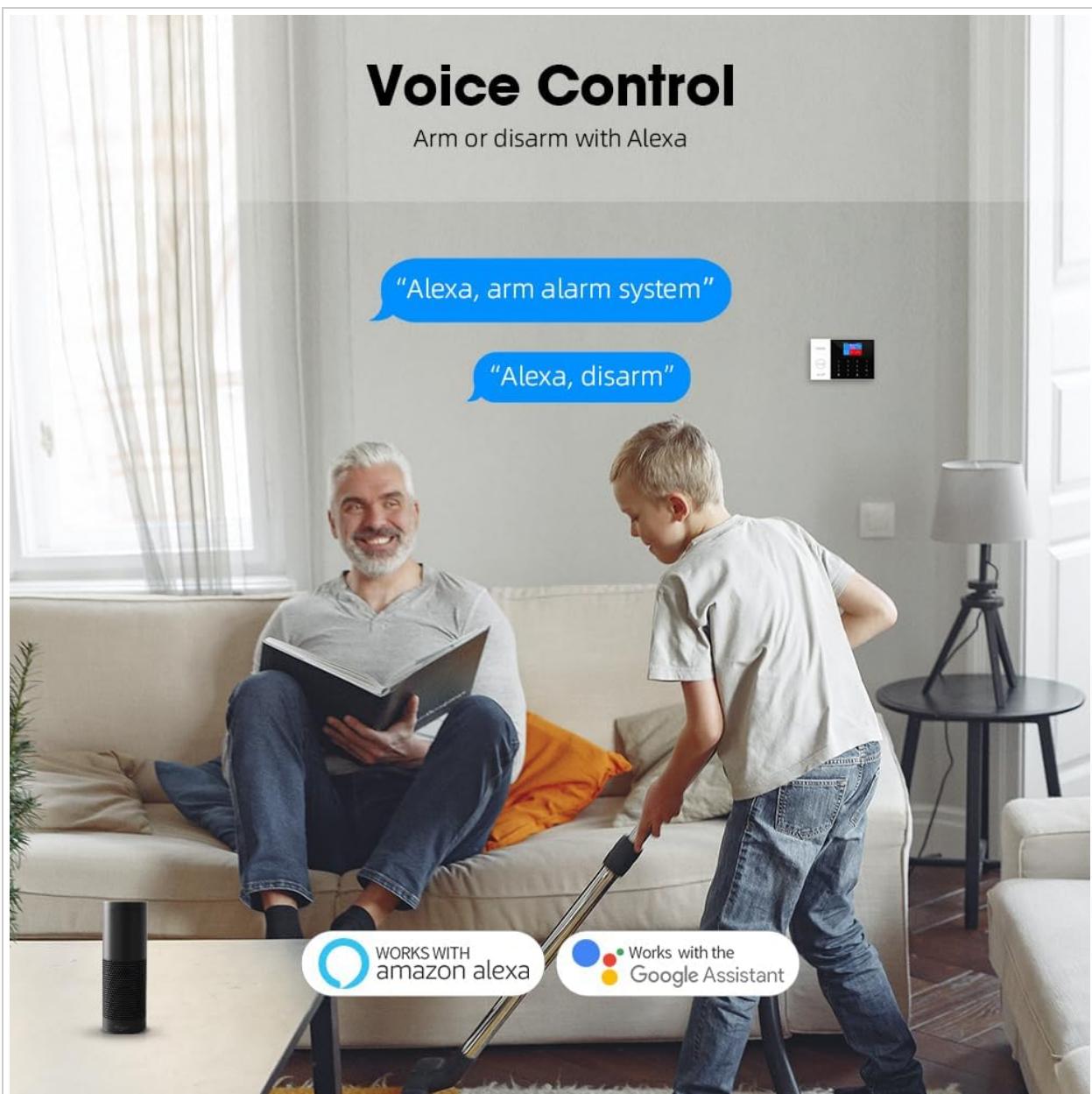
5. MAINTENANCE

- **Battery Monitoring:** The Smart Life app will notify you when sensor batteries are low. Replace batteries promptly to ensure continuous protection. The main alarm host has an internal Lithium Ion battery with approximately 8 hours of life during a power outage.
- **Cleaning:** Regularly wipe down the alarm host and sensors with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Check the Smart Life app periodically for any available firmware updates for the alarm system to ensure optimal performance and security features.

6. TROUBLESHOOTING

- **System Not Connecting to WiFi:** Ensure your WiFi network is 2.4GHz, as the system does not support 5G. Verify the WiFi password and signal strength. Try restarting your router and the alarm host.
- **Sensors Not Triggering Alarm:** Check if the sensors are properly paired with the alarm host via the Smart Life app. Ensure the sensor components are correctly aligned (for door/window sensors) or have a clear detection path (for motion detectors). Verify sensor battery levels.
- **No App Notifications:** Confirm that the Smart Life app has notification permissions enabled on your smartphone. Check your phone's internet connection.
- **Alarm Too Quiet/Loud:** Adjust the siren volume settings through the Alarm Host interface or the Smart Life app.
- **False Alarms:** Ensure motion detectors are not placed near heat sources, air vents, or areas where pets might trigger them. Adjust sensitivity settings if available.

7. SPECIFICATIONS

Brand	PGST
Model Number	PG105F-US-A
Color	Black & White
Power Source	AC/DC
Compatible Devices	Smartphone
Item Dimensions (L x W x H)	8.3 x 6 x 3.5 inches
Connectivity Technology	Wireless (WiFi/4G)
Installation Type	Screw-In / Adhesive
Alert Type	Audio & Motion
Item Weight	1.2 Pounds
Voltage	5 Volts
Control Method	App, Push Button, Remote, Voice
Battery Cell Composition	Lithium Ion

Maximum Range	300 Feet
Recommended Uses	Indoor
Battery Life (Host)	8 Hours (backup)
Noise Level	120 Decibels
Sensor Technology	IR, Motion Sensor, RFID
Connector Type	USB Type C

8. WARRANTY & SUPPORT

Specific warranty details are typically provided with your product packaging or can be found on the manufacturer's official website. For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your product documentation or visit the PGST brand store on Amazon.

Online Resources:

- PGST Store: https://www.amazon.com/stores/PGST/page/13821DDC-90B4-4ACF-B531-A007AF62999C