

PGST PG105F-US-C

PGST WiFi Wireless Home Alarm System PG105F-US-C User Manual

Model: PG105F-US-C

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your PGST WiFi Wireless Home Alarm System. This system is designed to enhance your home security with advanced features and user-friendly controls. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PACKAGE CONTENTS

The PGST WiFi Wireless Home Alarm System (PG105F-US-C) package includes the following components:

- 1x Alarm Host (Control Unit)
- 4x Door Sensors
- 2x Motion Detectors
- 2x Remote Controls
- 2x RFID Cards
- 1x Alarm Siren
- 1x Motion Sensor Bracket
- 1x Screw Kit (for mounting)
- 1x Charger (USB Type C)
- 1x User Manual












C package	 Alarm Host	 Motion Detector	 Entry Sensor
	x1	x2	x4
 RFID Cards	 Remote Fob	 Siren	 SOS
x2	x2	x1	0
 Motion Sensor Bracket	 Screw Kit	 Charger	 User Manual
x1	x1	x1	x1

Figure 2.1: Overview of the components included in the PGST Home Alarm System C package. This includes the alarm host, door sensors, motion detectors, remote controls, RFID cards, alarm siren, mounting bracket, screw kit, charger, and user manual.

3. SETUP

3.1. App Installation

Download the dedicated 'Smart Life' app from your device's app store (iOS/Android). Register and log in to your account to begin the setup process.

3.2. Connecting the Alarm Host

The alarm host supports 2.4GHz WiFi for dual connection. Ensure your router supports 2.4GHz WiFi. Connect the alarm host to the power supply. Follow the in-app instructions to connect the device to your WiFi network. The system also supports a SIM card for 4G connectivity, providing an alternative communication method.

3.3. Powering the System

The system can be powered via the included AC/DC charger. It also features an internal emergency battery with approximately 8 hours of life, ensuring continued operation during power outages.

3.4. Mounting the Alarm Host

The alarm host can be mounted to a wall using the provided screw kit. Choose a central location for optimal signal coverage and accessibility.



Figure 3.1: The alarm host mounted on a wall, demonstrating its sleek design and integrated keypad.

3.5. Adding Sensors

The system supports up to 99 sensors and 5 remotes. Follow the app's instructions to pair additional door/window sensors and motion detectors.

- **Door/Window Sensors:** These sensors come with pre-installed double-sided adhesive for easy, no-wiring installation. Place them on doors and windows, ensuring the two parts are aligned and within 0.6 inches of each other when the door/window is closed.
- **Motion Detectors:** Mount motion detectors in corners or areas where movement detection is crucial. The included bracket and screw kit facilitate installation.

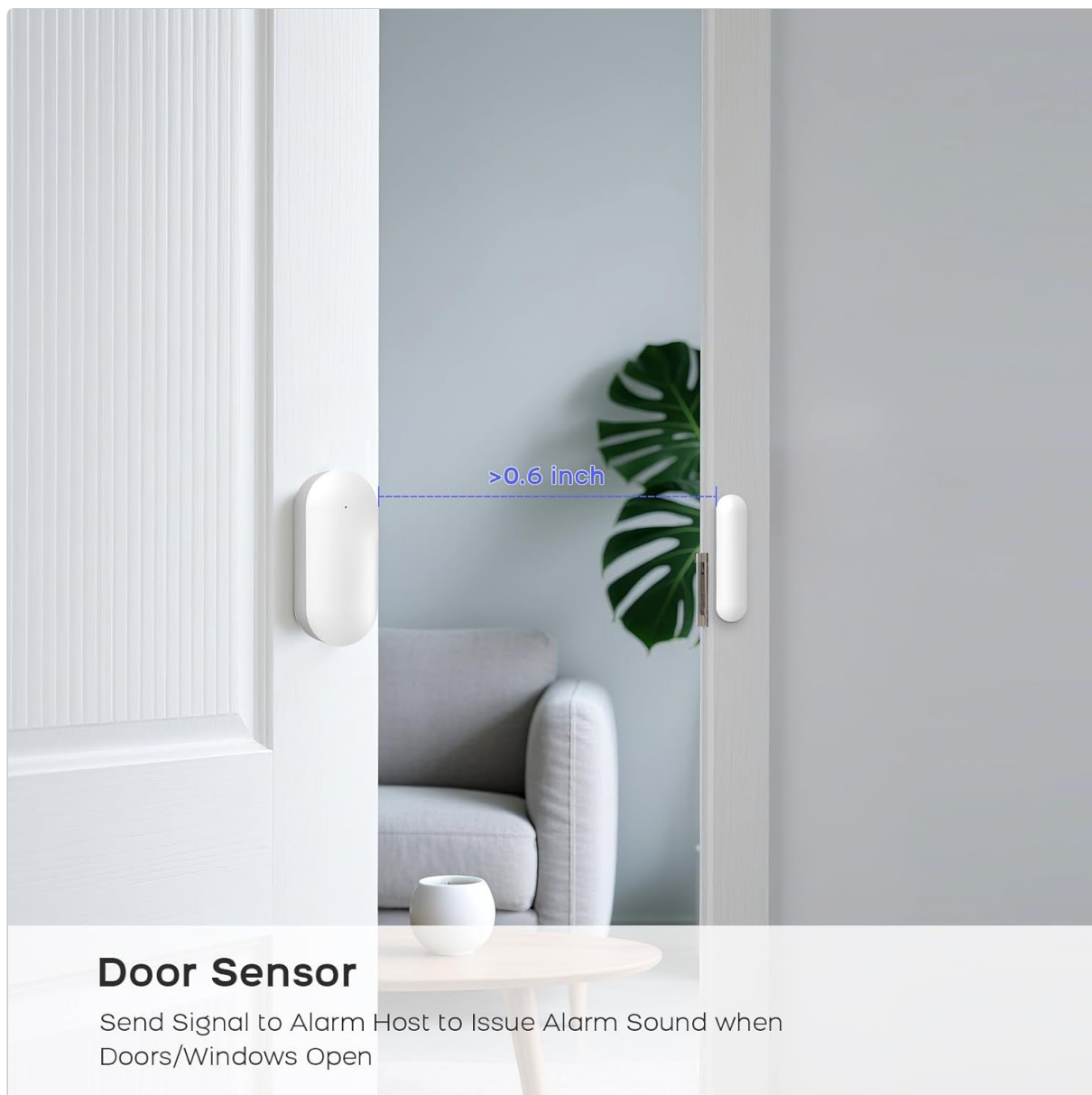
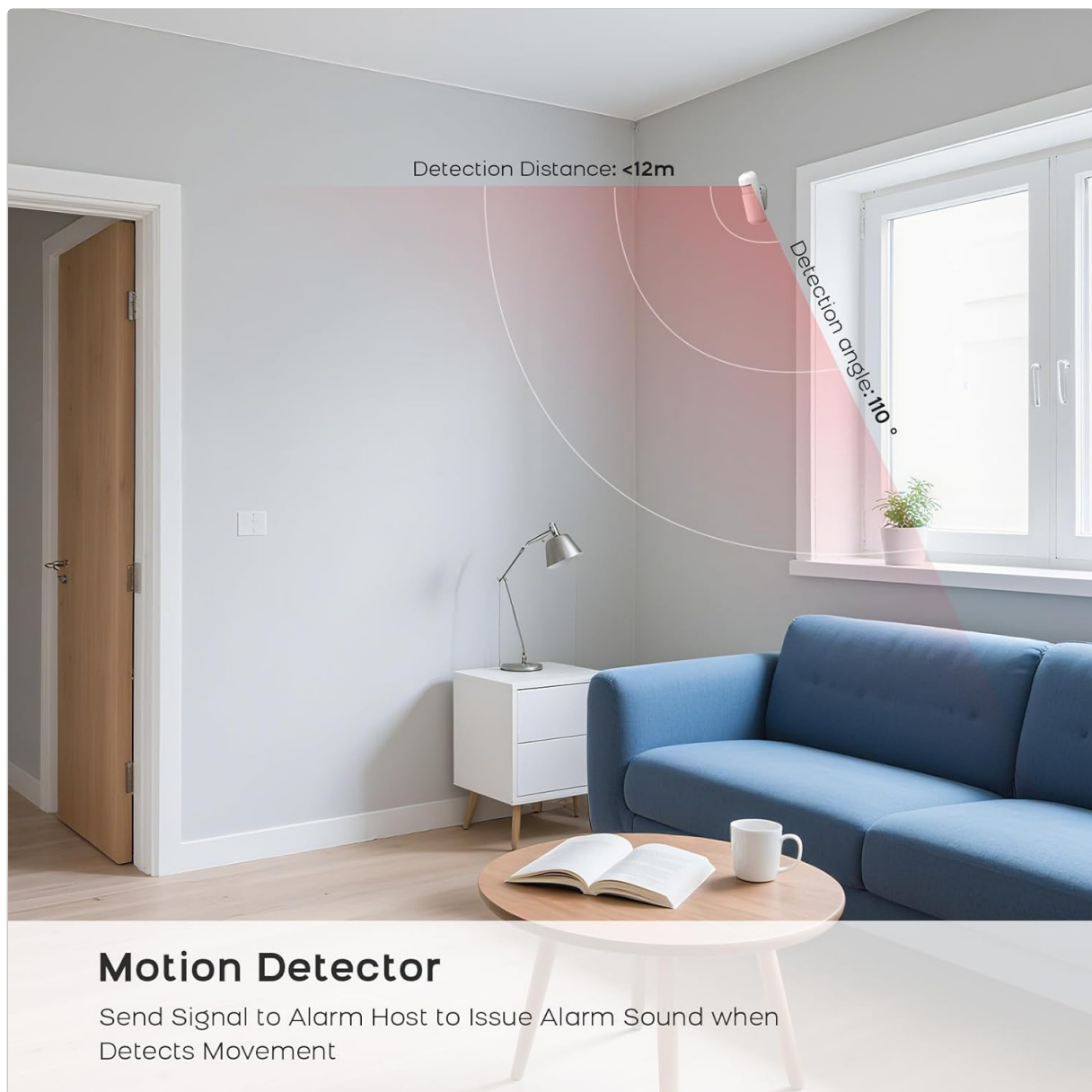


Figure 3.2: A door sensor installed on a door frame, designed to detect when a door or window is opened.



Motion Detector

Send Signal to Alarm Host to Issue Alarm Sound when Detects Movement

Figure 3.3: A motion detector installed in a room corner, capable of detecting movement within a 12-meter range and 110-degree angle.

4. OPERATING THE SYSTEM

4.1. Arming and Disarming

The PGST alarm system offers multiple methods for arming and disarming:

- **Keypad:** Enter your security code directly on the alarm host's 2.4-inch LCD touchscreen keypad.
- **Mobile App:** Use the Smart Life app to remotely arm, disarm, or set the system to 'Home' mode from anywhere.
- **Remote Control:** The included remote controls allow for quick arming, disarming, home arming, and an SOS panic function.
- **RFID Card:** Simply tap an RFID card on the alarm host for quick arming or disarming without needing to enter a code.
- **Voice Control:** Integrate with Alexa for convenient voice-activated arming and disarming commands.

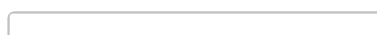


Figure 4.1: The remote control, featuring buttons for arming, disarming, home arming, and SOS panic.

Powerful and Aesthetic

- ❶ 2.3cm Thin Panel, 2.4-inch Touch Keyboard
- ❷ Control everything with one app, receive real-time notifications on your phone
- ❸ 8 hours of backup power

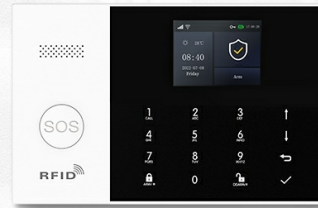


Figure 4.2: An RFID card being used to quickly arm or disarm the system with a simple touch.

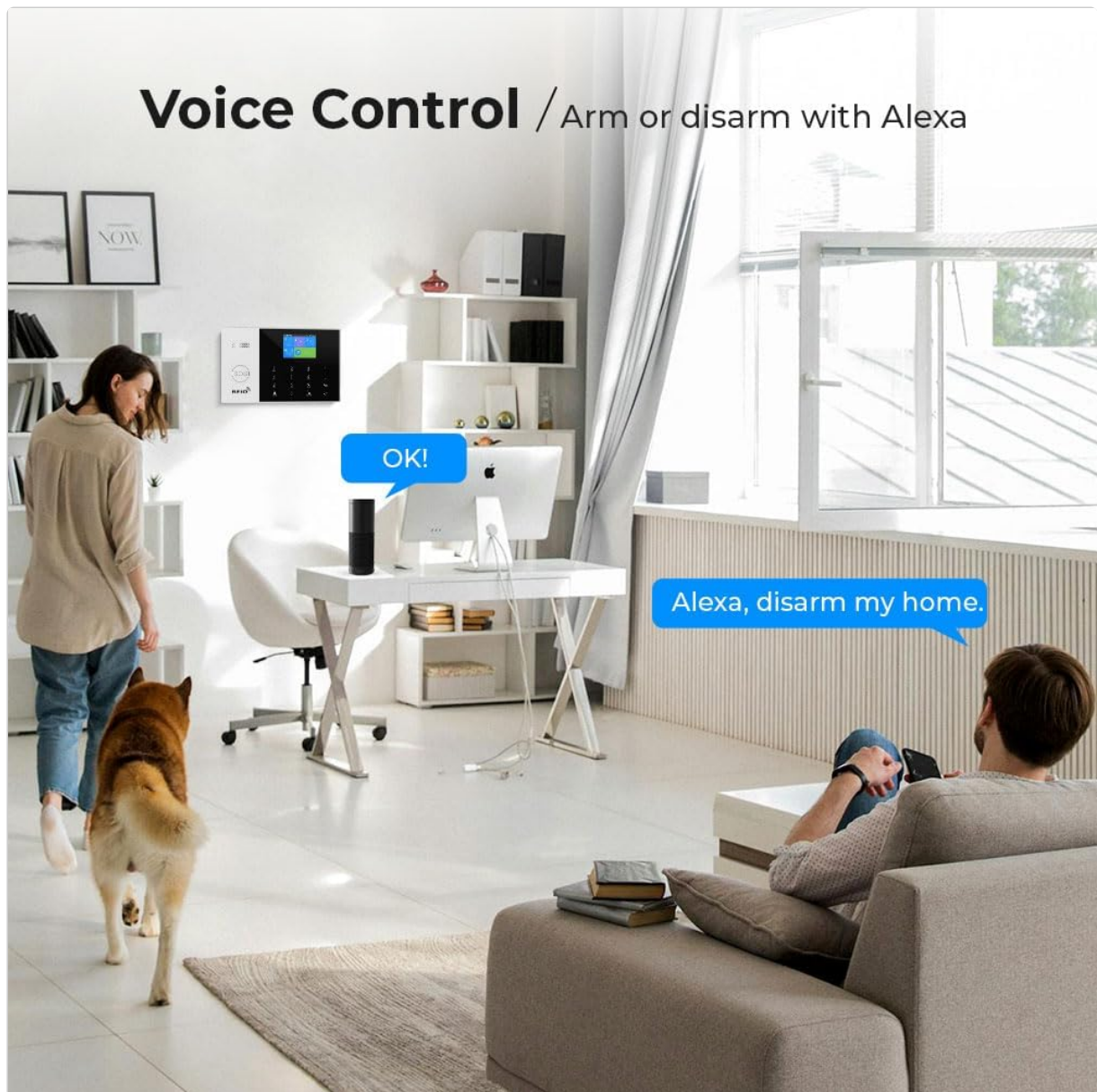


Figure 4.3: Demonstrating voice control integration with Alexa for convenient management of the alarm system.

4.2. Alarm Methods and Notifications

When a sensor is triggered, the system provides multiple alert methods:

- **Audible Alarm:** The system emits a loud 120dB siren to deter intruders.

- **Remote Notifications:** Receive immediate alerts via SMS, phone calls, and app notifications on your smartphone.
- **Silent Alarm Mode:** The system can be configured to turn off the audible alarm while still sending remote notifications.

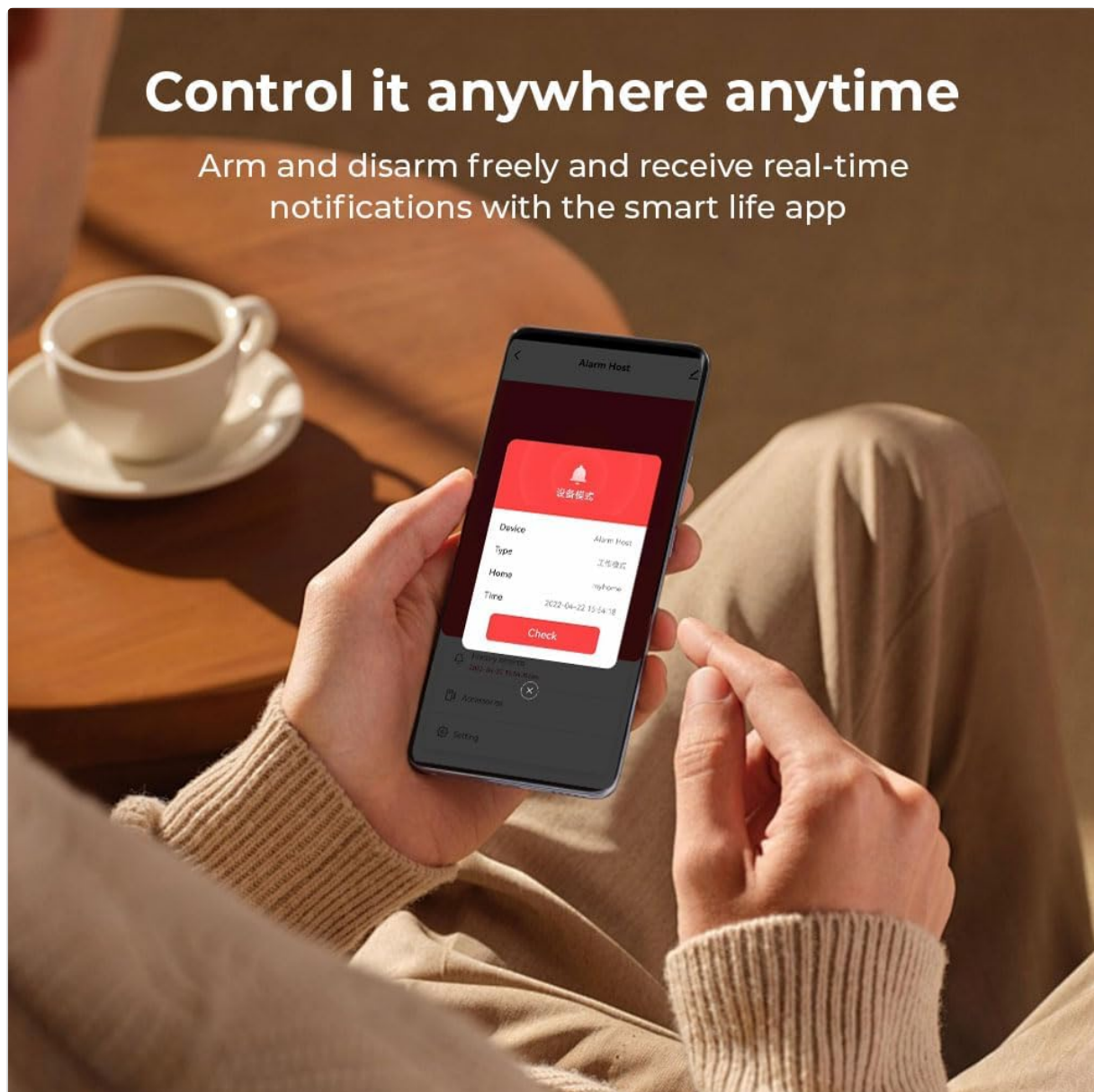
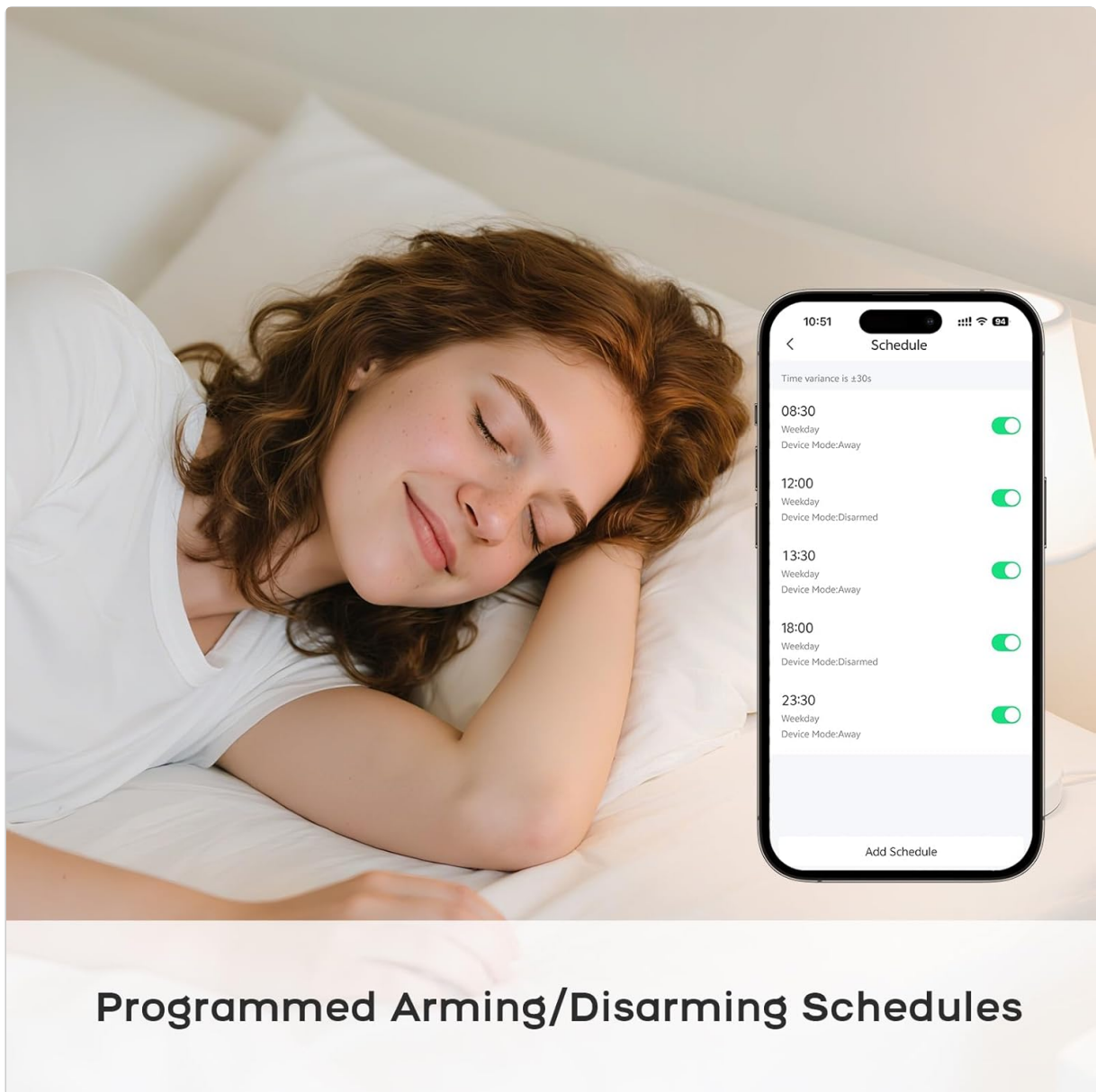


Figure 4.4: The Smart Life app interface, allowing users to arm, disarm, and receive real-time notifications from anywhere.

4.3. Advanced Features

- **Real-time Status Monitoring:** The 2.4-inch LCD screen provides an intuitive interface for monitoring system status and configuring settings.
- **Programmed Schedules:** Set specific times for arming and disarming the system automatically.
- **Expandability:** Easily add more sensors and remotes to customize your security coverage for homes, apartments, or condos.
- **Sensor Low Battery Reminder:** The app automatically alerts you when a sensor's battery is low.



Programmed Arming/Disarming Schedules

Figure 4.5: Screenshot of the Smart Life app showing options for setting programmed arming and disarming schedules.

Arming, disarming, home arming and panic button in one unit

Arming is used when you are away from home when both the indoor and outdoor sensors are armed. Home Arming is used when you are at home and the outdoor sensor is armed and the indoor sensor is disarmed. Please note that it is up to you to decide whether the sensors are indoor or outdoor sensors.



Figure 4.6: An app notification indicating a sensor's low battery, ensuring timely maintenance.

5. MAINTENANCE

To ensure optimal performance and longevity of your PGST Home Alarm System, regular maintenance is recommended:

- **Battery Check:** Monitor sensor battery levels via the Smart Life app and replace them as needed. The main alarm host's internal battery provides approximately 8 hours of backup power; ensure it is regularly charged.
- **Cleaning:** Gently wipe the alarm host and sensors with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Connectivity:** Periodically check your WiFi connection and SIM card status to ensure continuous communication and alerts.

6. TROUBLESHOOTING

If you encounter any issues with your PGST Home Alarm System, consider the following basic troubleshooting steps:

- **No Power:** Ensure the alarm host is properly connected to the power adapter and that the outlet is functional. Check the internal battery charge level.
- **Connectivity Issues:** Verify your WiFi network is active and operating on 2.4GHz. Restart your router and the alarm host. If using a SIM card, ensure it is correctly inserted and has an active plan.
- **Sensor Not Triggering:** Check the sensor's battery. Ensure the sensor parts are correctly aligned and within the specified distance (for door/window sensors). Verify the sensor is properly paired with the alarm host via the app.
- **App Notifications Not Received:** Check your phone's notification settings for the Smart Life app. Ensure the app is running in the background and has necessary permissions.
- **Alarm Too Quiet/Loud:** Adjust the siren volume settings through the alarm host interface or the Smart Life app.

For persistent issues or advanced troubleshooting, please refer to the '24/7 Service' section for support contact information.

7. SPECIFICATIONS


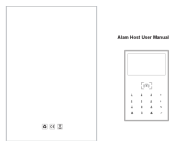

Feature	Specification
Brand	PGST
Model Number	PG105F-US-C
Color	Black & White
Power Source	AC/DC
Compatible Devices	Smartphone (iOS/Android)
Item Dimensions (L x W x H)	8.3 x 6 x 3.74 inches
Connectivity Technology	Wireless (WiFi, 4G/GSM)
Installation Type	Screw-In / Adhesive
Alert Type	Audio & Motion, SMS, Phone Call, App Alerts
Item Weight	1.68 pounds
Voltage	5 Volts



Control Method	App, Keypad, Remote, Voice (Alexa)
Battery Cell Composition	Lithium Ion
Maximum Range	300 Feet (Wireless)
Recommended Uses	Indoor
Battery Life (Internal)	8 Hours
Noise Level (Siren)	120 Decibels
Sensor Technology	IR, Motion Sensor, RFID
Connector Type	USB Type C

8. WARRANTY AND SUPPORT

PGST offers 24/7 customer service for any questions or assistance you may need regarding your product. Please refer to the contact information provided in your purchase documentation or on the official PGST website for support.

Related Documents - PG105F-US-C

	<p>PGST Smart Alarm System - Operating Instructions and Support</p> <p>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.</p>
	<p>GSM & WiFi Alarm System User Manual</p> <p>User manual for the GSM & WiFi Alarm System, detailing features, setup, operation, and mobile app integration for the PG103 alarm host.</p>
	<p>PGST PG-109 Alarm Host User Manual</p> <p>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.</p>
	<p>PG-S01 Smoke Alarm User Manual PGST</p> <p>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.</p>

<div data-bbox="140 107 288 284"><p>Smart System Alarmowy PG-103 PGST Tuya GSM 4G</p><p>Instrukcja obsługi</p></div>	<p>Smart System Alarmowy PG-103 PGST Tuya GSM 4G Instrukcja obsługi</p> <p>Instrukcja obsługi systemu alarmowego Smart System Alarmowy PG-103 PGST Tuya GSM 4G. Szczegółowe informacje o funkcjach, instalacji, konfiguracji i codziennej obsłudze urządzenia.</p>
<div data-bbox="145 421 292 537"></div>	<p>PGST WIFI Door Window Sensor User Manual</p> <p>User manual for the PGST WIFI Door Window Sensor, detailing its functions, operation, installation, and specifications. Includes FCC compliance information.</p>