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› PGST Wireless Home Security System (Model PG-A02) User Manual

PGST PG-A02

PGST Wireless Home Security System User Manual

Model: PG-A02

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your PGST Wireless Home Security System. This system offers comprehensive home security without recurring monthly fees, utilizing WiFi and optional 4G SIM connectivity for real-time alerts and remote control via the Smart Life or Tuya app. It is designed for easy DIY installation and is expandable to suit various security needs.

Package Contents

- 1x Keypad Base Station
- 8x Contact Sensors (Door/Window Sensors)
- 2x Motion Sensors
- 3x Remote Controls
- 1x PTZ Camera
- Power Adapter and USB Cable
- Mounting Hardware (screws, self-adhesive pads)
- User Manual (this document)

SAFETY INFORMATION

- Ensure the power adapter is connected to a suitable power outlet.
- Do not expose the devices to extreme temperatures, humidity, or direct sunlight.
- Keep the devices away from water or other liquids.
- Do not attempt to disassemble or repair the devices yourself. Contact customer support for assistance.
- Use only the specified battery types for sensors and remotes.
- Keep small parts and batteries out of reach of children.

- The alarm siren can reach 120dB. Avoid prolonged exposure to prevent hearing damage.

SETUP

Keypad Base Station Initial Setup

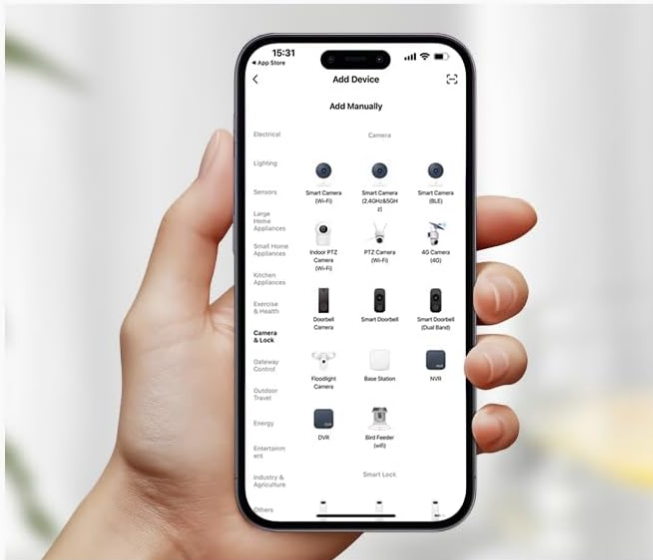
1. **Connect to Power:** Connect the provided power adapter to the Keypad Base Station and plug it into a wall outlet. Ensure the battery power switch on the side of the unit is turned ON.
2. **Disarm the System:** Press the "Disarm" button on the keypad, then enter the default code (usually 6666), followed by '#' and '00', then '#'. This disarms the system for initial setup.
3. **Download App:** Download and install the "Smart Life" or "Tuya" app from your smartphone's app store.
4. **Add Device:** Open the app, register or log in, and click the "+" icon to "Add Device". Follow the in-app instructions to add your security system.
5. **Connect to Wi-Fi:** Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. Enter your Wi-Fi password in the app to connect the Keypad Base Station.



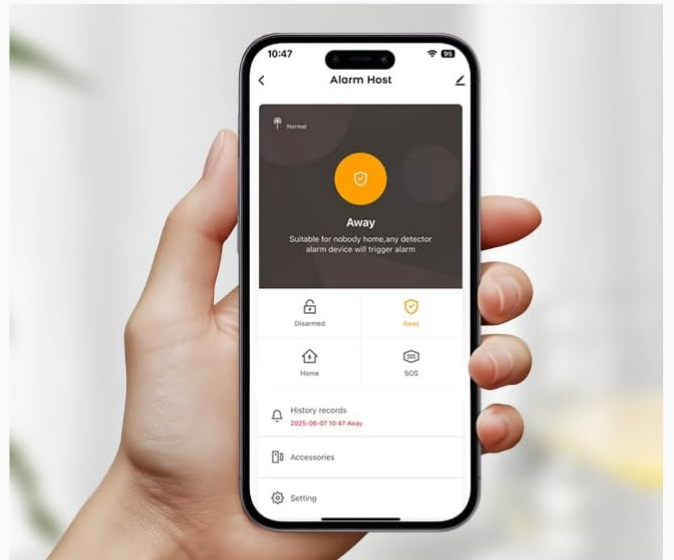
1. Connect to the Power Supply and Turn on the Battery Power Switch on the Side.



2. Press [Disarm] Button -- [SET] —[6666]—[#]—[00]—>[#]



3. Open "Tuya" or "Smart Life" APP -- Click "+" -- "Add Device"



4. Switch to 2.4GHz WiFi and Enter WiFi Password, Connect Successfully

Figure 1: Keypad Base Station Initial Setup Steps

Sensor Installation

The system includes door/window contact sensors and motion sensors. These sensors are wireless and can be easily installed using the provided self-adhesive pads or screws.

- **Door/Window Contact Sensors:** Mount the two parts of the sensor on the door/window frame and the door/window itself. Ensure they are aligned and within 0.6 inches of each other when the door/window is closed. An alarm will trigger if the distance exceeds this when the system is armed.
- **Motion Sensors:** Install motion sensors in areas where movement detection is critical. Position them to cover the desired area, typically in corners or high vantage points. The motion sensor provides 110° coverage up to 12 meters.



Figure 2: Door and Window Contact Sensor Installation



PTZ-360° Coverage

320° horizontal and 70° vertical viewing angle. App remote viewing and manipulation, everything under control.

Figure 3: Motion Detector Installation

PTZ Camera Setup

The included PTZ (Pan-Tilt-Zoom) camera provides 360° coverage (320° horizontal and 70° vertical viewing angle) and integrates with the Smart Life/Tuya app for remote viewing and control.

1. **Power On:** Connect the PTZ camera to its power source.
2. **Add to App:** Open the Smart Life/Tuya app, click "+" to add a new device, and select the camera from the list. Follow the on-screen instructions to pair the camera with your Wi-Fi network.
3. **Positioning:** Place the camera in a central location to maximize its 360° coverage.



Figure 4: PTZ Camera Features



Figure 5: PTZ Camera 360° Coverage

OPERATING THE SYSTEM

Arming and Disarming

The system can be armed or disarmed using the keypad or the remote controls.

- **Arm (Away Mode):** Press the "Arm" button on the keypad or the locked padlock icon on the remote. This arms all indoor and outdoor sensors.
- **Home Arm (Stay Mode):** Press the "Home" button on the keypad or the house icon on the remote. This arms outdoor sensors while disarming indoor sensors, allowing free movement within the home.
- **Disarm:** Press the "Disarm" button on the keypad and enter your code, or press the unlocked padlock icon on the remote.
- **SOS/Panic Button:** Press the SOS button on the remote or the keypad to immediately trigger the alarm and send emergency notifications.



Figure 6: Remote Control Functions

App Control (Smart Life/Tuya)

The Smart Life or Tuya app provides complete control and customization of your security system from anywhere.

- **Dashboard:** View the current status (Armed, Disarmed, Home) and access quick controls.
- **History Records:** Review event logs, including arming/disarming times and triggered alarms.
- **Device Management:** Add, remove, or configure individual sensors and the PTZ camera.
- **Smart Scenes:** Create automated scenarios, such as arming the system when you leave home or turning on lights when an alarm is triggered.



Figure 7: Smart Life App Interface

Voice Control

Integrate your PGST security system with Amazon Alexa or Google Assistant for hands-free control using simple voice commands.

- **Enable Skill/Action:** In the Alexa or Google Home app, search for and enable the "Smart Life" or "Tuya" skill/action.
- **Link Account:** Link your Smart Life/Tuya account to your voice assistant account.
- **Voice Commands:** Use commands like "Alexa, arm my home" or "Hey Google, disarm the security system" (you may need to set up a voice PIN for disarming).



Figure 8: Voice Control Integration

Alert Notifications

When a sensor is triggered while the system is armed, you will receive immediate alerts through multiple channels:

- **Audible Alarm:** The Keypad Base Station will emit a loud 120dB siren.
- **App Alerts:** Instant push notifications will be sent to your smartphone via the Smart Life/Tuya app.
- **SMS and Phone Calls:** If a 4G SIM card is installed in the base station, the system can send SMS messages and make phone calls to pre-configured emergency contacts.

Sensor low battery reminder

App automatically alerts you when the sensor is low on power



Figure 9: Call and SMS Notification

MAINTENANCE

- **Battery Replacement:** Sensors and remotes are battery-powered. The app will provide a "Sensor low battery reminder" when batteries need replacement. Refer to individual sensor manuals for specific battery types and replacement procedures. The Keypad Base Station has a built-in Lithium Ion battery with approximately 8 hours of backup power during outages.
- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the devices. Do not use liquid cleaners or abrasive

materials.

- **Firmware Updates:** Periodically check the Smart Life/Tuya app for available firmware updates for your devices to ensure optimal performance and security.



Figure 10: Sensor Low Battery Reminder

TROUBLESHOOTING

Issue	Possible Cause	Solution
System not connecting to Wi-Fi	Incorrect Wi-Fi password, 5GHz Wi-Fi network, weak signal.	Ensure you are connecting to a 2.4GHz Wi-Fi network. Verify the Wi-Fi password. Move the base station closer to the router.
Sensors not triggering alarm	Sensor not paired, low battery, incorrect installation, system disarmed.	Check sensor battery status in the app. Re-pair the sensor if necessary. Ensure door/window sensors are aligned correctly. Verify the system is armed.
No app notifications	App permissions, notification settings, internet connectivity.	Check app notification permissions on your smartphone. Ensure your phone has internet access. Verify app settings for alerts.
Remote control not working	Low battery, out of range.	Replace the remote control battery. Ensure you are within the operating range of the base station.
False motion alarms	Incorrect sensor placement, pets, drafts.	Adjust motion sensor sensitivity settings in the app. Reposition the sensor to avoid areas with pets or strong air currents.

SPECIFICATIONS

Feature	Detail
Brand	PGST
Model Number	PG-A02
Connectivity Technology	Wireless (2.4GHz Wi-Fi, 4G SIM support)
Power Source	Battery Powered / Power Cord Supply
Base Station Battery	1x Lithium Ion (included), 8 hours battery life
Compatible Apps	Smart Life App, Tuya APP
Control Methods	App, Push Button (Keypad), Remote Control, Voice Control (Alexa, Google Assistant)
Alert Type	Audible (120dB), Mobile Notification (App, SMS, Phone Call)
Maximum Range	1000 Feet (wireless sensor range)
Expandability	Supports up to 200 wireless sensors and 10 remotes
Motion Sensor Coverage	110° at up to 12 meters
PTZ Camera Coverage	320° Horizontal, 70° Vertical
Installation Type	Self-Adhesive Mount with Screws
Item Dimensions (L x W x H)	10 x 6.5 x 7 inches
Item Weight	16 ounces (1 pound)

WARRANTY AND SUPPORT

Your PGST Wireless Home Security System is covered by a manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or visit the official PGST website. For technical support, troubleshooting assistance, or to inquire about additional accessories, please contact PGST customer service through the contact information provided on their website or within the Smart Life/Tuya app.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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