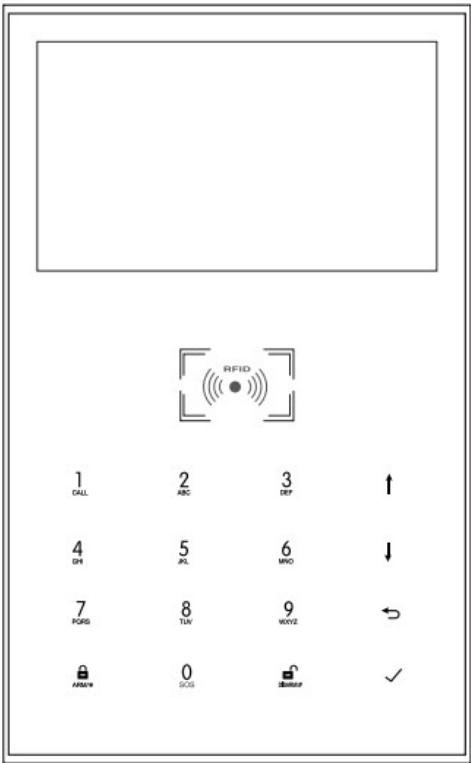




# PGST PG-10 Full Range Alam Host User Manual

[Home](#) » [PGST](#) » PGST PG-10 Full Range Alam Host User Manual 

## PGST<sup>®</sup> Alam Host User Manual



## Contents

- 1 PG-10 Full Range Alarm Host
- 2 Overall state
- 3 APPEARANCE AND ACCESSORIES
- 4 Main interface function and button description
- 5 First time Use
- 6 Smart Life APP Quick Use Guide
- 7 One Click Configuration
- 8 Hotspot Configuration
- 9 Technical Parameters
- 10 PACKING LIST
- 11 Documents / Resources
  - 11.1 References

## PG-10 Full Range Alarm Host

### FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.


### RF Exposure Statement


To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

## Overall state


### Explanation

For all the issues stated in this manual:

The icon  is only valid for the corresponding model host which is configured with the WIFI module.

The icon  is only valid for user who has applied alarm service in the local network alarm operation service center.

## Features

- › 4.3-inch IPS color display.
  - › The main interface status bar, date and time clock display, host status at a glance
  - › Built-in powerful performance CPU master based on 32-bit Cortex-M3 core
  - › Based on the operating system with multitasking design, with a great user operation experience
  - › Up to 99 storage locations for the learning of remotes, RFID and wireless detectors. 4 wired defense zone
  - › Support many defense zones name such as of the gate, SOS, bedroom, window, balcony, perimeter, smoke, gas, carbon monoxide, water leaking, etc.
  - › Support the main power failure, backup battery power shortage, tamper alarm and other extended alarm; Support detector low battery alert & tamper alarm function.
  - › support Door open alert.
  - › Support many defense zone types setting such as of entry/exit zone, indoor zone, perimeter zone, 24-hour zone, doorbell, etc.
  - › External wired alarm connectors: 1 channel external wireless siren, 8 channel alarm linked wireless intelligent socket.
  - › APP or host can control several socket, so control the home electrical appliances.
  - › Can store and query several daily operation records and alarm records.
  - › Excellent APP operation feeling and user interface, get the device working status anytime.
  - › Arm/disarm, host alarm to mobile app.
  - › Support APP arm/disarm remotely, parameter setting, Parts management and intelligent socket control.
-  › Friendly APP operating experience and user interface, obtain the latest working state of the device at any time.
- › User arm and disarm, host alarm push to APP.
  - › Support APP arm and disarm remotely.

## Daily Operation Nouns

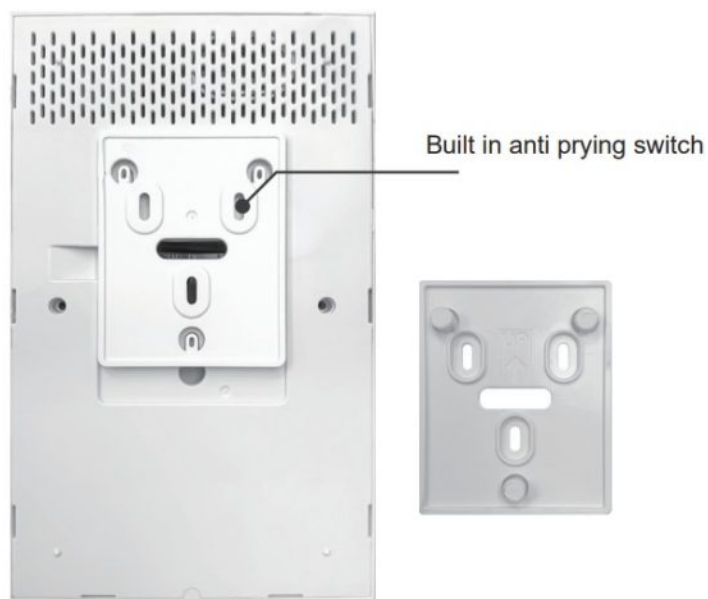
- › ARM: set the security task (Anti-burglar), make the host into alert state, also known as Arming, Alert or Booting.
- › Stay Arm: When users at home, only need to alert entrances or perimeter.
- › Disarm: cancel the safety task (Anti-burglar), also known as removing alarm or shutdown.
- › Trigger: In Arm state, detector detects someone or door is opened, it will trigger the detectors and make alarms.
- › Exit delay: in the ARM state, to avoid making alarms while the users passing, need to delay the alarm time.
- › Entry delay: while the users come back and pass the Arm zones, host will not make alarming immediately, need some time users passing by; the host will make alarms if time out beyond the Disarm.

## APPEARANCE AND ACCESSORIES

### Front view



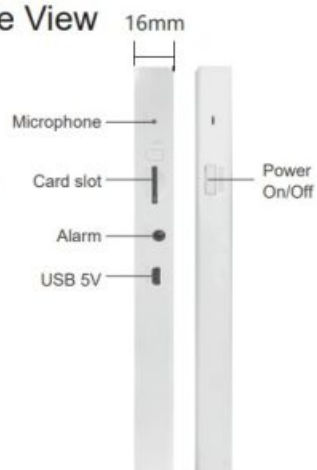
Back



Back



Side View



## Power On/Off

Function	Method
Power Off	Push this button, it will show “welcome” means power on successfully
Power On	Push this button for 3 seconds till the screen become black, means power off successfully

## Navigating Menus



## Main interface function and button description



Top status bar	1	5	WIFI		1-4 means the wifi strength level Gray color means no wifi
			wireless		Device already connected with the cloud, White dot at the right bottom corner means the binding mobile is online
		7	Keyboard Lock		Keyboard locked status, 5 seconds countdown before locked
		8	Power status		Main power supply
					Spare power supply, 0-3 shows the power capacity
		9	Clock	00:04	Current time
Main status zone	2	10	Time		Current time/date/week
		11	Status display		Warning or alarm status icon display
		12	Weather		Display weather, air quality
		13	Temperature		Display real feel
		14	Humidity		Display air humidity
		15	Status bar		Status Description
Bottom status bar	3	16	“Please exit” Countdown bar		Exit the delay status Enter into the countdown status when arm finished Will get to : get into when the countdown finished
			“Please disarm” Countdown bar		Enter into the delay status Need to be the count down status when get to the arm status, if no disarm, device will be triggered and alarm
			“Synchronizing” Countdown bar		Learning accessory state Please trigger the parts before count down

## ● Menu Structure

Main menu	System Setting	Delay Setting	Exit Delay	Set the exit delay value, please refer to the daily operation words Unit:seconds;scope:0~999 ; default:40 seconds
			Enter Delay	Set the enter delay value, please refer to the daily operation words Unit:seconds;scope:0~999 ; default: 30 second
			Siren Duration	Set the siren duration time while alarming Unit:minutes;scope:0~999 ;default:3 minutes
		Function Setting	Arm Beep	Set the arm beep for external siren while arm/disarm scope:on/off, default:off
			Alarm Beep	Set the siren notice for internal/external siren while arm/disarm scope:on/off, default:off
			Keypad Lock	Keypad locked setting scope:yes/no, default:no
			Keyboard Backlight	Keyboard backlight setting scope:on/off, default:off
			Keypad Tone	Keypad Tone setting scope:on/off, default:off
			Delay Tick	Delay Tick notice while in/out setting scope:on/off, default:on
			Opening Alert	Alert displays when ARM with the door/window open Option: ON or OFF; Default: ON)
			Voice Prompts	Voice prompts for keypad operation Option: ON or OFF; Default: ON)
			assistant switch	Low power alert, indoor environment, SOS Scope: on/off, default: on
		Password Setting	System Password	System password setting Scope:0000~9999;scope:6666
			User Password	User password setting Scope:0000~9999;default:1234
		Language Setting	Ελληνικά	Panel in Greek language
			Chinese	Host Language: Simplified Chinese
			English	Host Language: English
			Deutsch	Host Language: Deutsch
			РУССКИЙ	Host Language: Russian
			Español	Host Language: Spanish
			Polski	Host Language: Polish
			Italiano	Host Language: Italian
			Français	Host Language: French
			Português	Host Language: Portuguese
		Initialization		System Initialization, Function & describe as: System Initialization

Mainmen	Log Searching	Alarm Log	Alarm log & Event record	
		Arm Log	Alarm/disarm log searching	
	Accessories	Remote Controller	Add/delete remote controller	See as: Remote controller add/ delete
		Detectors	Add/delete wireless detectors	See as: Wireless detector add/ delete
		Siren Learn	External wireless siren pairing	See as: External Wireless Siren matching
		Alarm Socket	Alarm linkage intelligent socket Airlink	See as Wireless Alarm Linkage
		Socket Timer	Intelligent socket timer on/off setting	See Intelligent Home
		Reader	Read the data code sent by terminal accessories	See
		Wired Defense Zone	Alarm information for configuring wired defense zones	See
	Wi-Fi Setting	Airlink	Host gets into WIFI wireless networking airlink status (need to match mobile APP)	See as Mobile APP with the host airlink & unbind
		Unbind	Unbind the mobile app with the host	
		MAC/IP	Get the Wi-Fi MAC&IP address	
		Hotspot Configuration	Host gets into WIFI wireless network airlink status (need to match mobile APP)	
	Record	Record/Playback	Record and playback	See as: Record management
		Play	Play the current record	
		Delete	Delete the current record	
		Duration	Set record duration	
	Timer	Arm Timer	Arm timer time & on/off setting	See as: Arm / disarm Timer
		Disarm Timer	Disarm timer time & on/off setting	
		Zone&Sync	Set the time difference between the local time with the Greenwich time	
		Date & Time	Host time manual setting	
		Wi-Fi Sync	Set if the time sync with the Wi-Fi	Scope: on/off; default: on
	Version			

### Note:

1. Keyboard lock open: at the main interface, no pushing within 30 seconds or push  directly, host will enter locked status. After locked, the user must enter a password to unlock before he can operate the host.
2. keyboard background light closed: at the main interface, no pushing within 30 seconds or push  directly host background light will be closed to save the power.

After selecting one language, the operation notice, display, SMS message will switch to the same language, host will restart while finished.

## First time Use

### Start operation

- Power On: plug in the power adapter through the USB 5V interface.
- Host On: in the off state, long press the power button till the “Welcome” displays on the screen. The host is on.
- Host Off: in the off state, long press the power button till the screen black. The host is off

### System initialization

Main menu-System Setting-Initialization. All parameters, languages and time zones set by users will be back to factory default setting, all remote controls, detectors, records will be deleted, after initialization.

 **Caution!** only advised to do this when you forget operation password, host malfunction, parameters setting



mistakes, unidentified detectors, remote controls or RFID tags learned. Initialization doesn't work under Keypad Lock.

## Smart Life APP Quick Use Guide

### APP Download

"Smart Life" APP has been released to the major global application stores, you can download it by searching "Smart Life" the application store or by scanning the QR code below.



**IOS App:** Please search "Smart Life" in Apple store to download

**Note:** IOS app has no QR code, have to download it in Apple store by searching Smart Life

**Android App:** Please search "Smart Life" in Google Play to download or scan the following QR code to download.

### Notes:

1. Mainland China users can scan the Official Website Version and download it.
2. Non-Mainland China users just scan the Google Play Version
3. Both the Official Website Version and the Google Play Version are the same app, just only the download channels different.

 Official Website Version	 Google Play Version
<a href="http://e.tuya.com/smartlife">http://e.tuya.com/smartlife</a>	<a href="https://play.google.com/store/apps/details?id=com.tuya.smar">https://play.google.com/store/apps/details?id=com.tuya.smar</a>

### Account Registration and Login

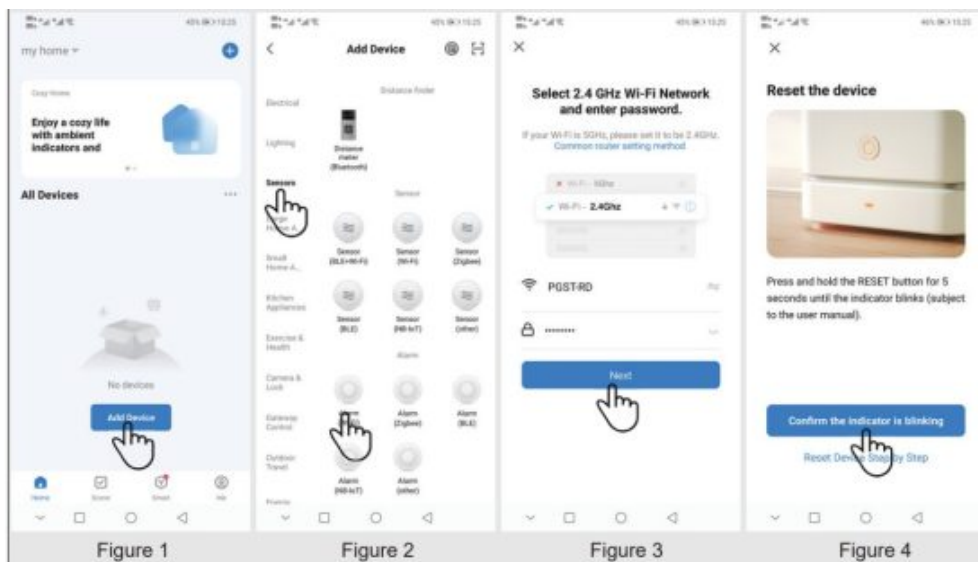
When using a mobile phone number to register and log in, you need to select the corresponding country/region when registering and logging in, and replace the "+xx" country code at the beginning of the mobile phone number account with the code corresponding to the country to which the mobile phone number belongs.

### Device Network Configuration

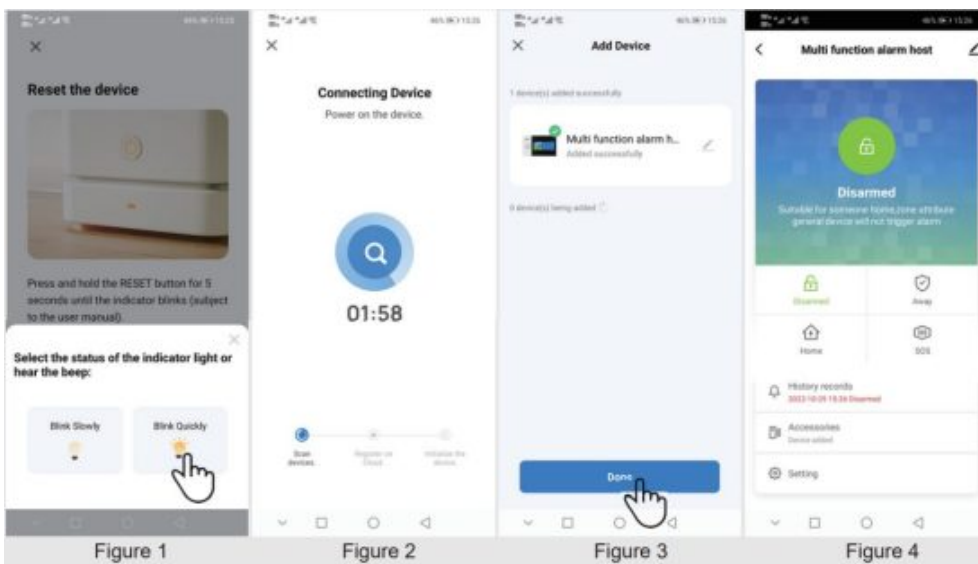
The default network configuration mode is Airlink Configure, and it can also be switched to "SoftAP Configure" by "Other Mode". When configuring the network for the device, the mobile phone needs to be connected to the Wifi network that the device needs to configure (only 2.4GHz WIFI network is supported when configuring the network for the device)

### One Click Configuration

1. Click "Add Device" (Figure 1);
2. Click "Sensor" and select "Alarm (Wi Fi)" (Figure 2);
3. Enter the Wi Fi password and click "Next" (Figure 3);
4. In the "Wi Fi Settings" of the host, select "One click Configuration", confirm to reset Wi Fi, and click "Confirm Indicator Flashes" in the APP (Figure 4);

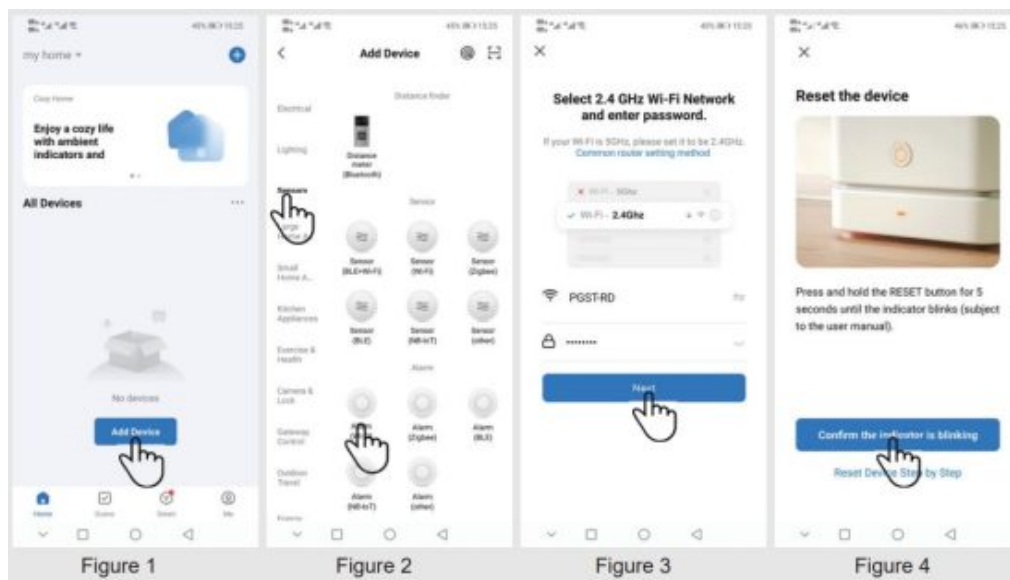


5. Click “Flash” in APP (Figure 1); The APP enters the interface of connecting devices and displays “Connecting devices” (Figure 2);
6. The host displays “Configuration succeeded”, and the APP “Add device” interface displays “Multi function alarm host” successfully added, and the APP clicks “Finish” (Figure 3); The APP jumps to the “multi-function alarm host” function interface, and the addition of equipment is completed (Figure 4);

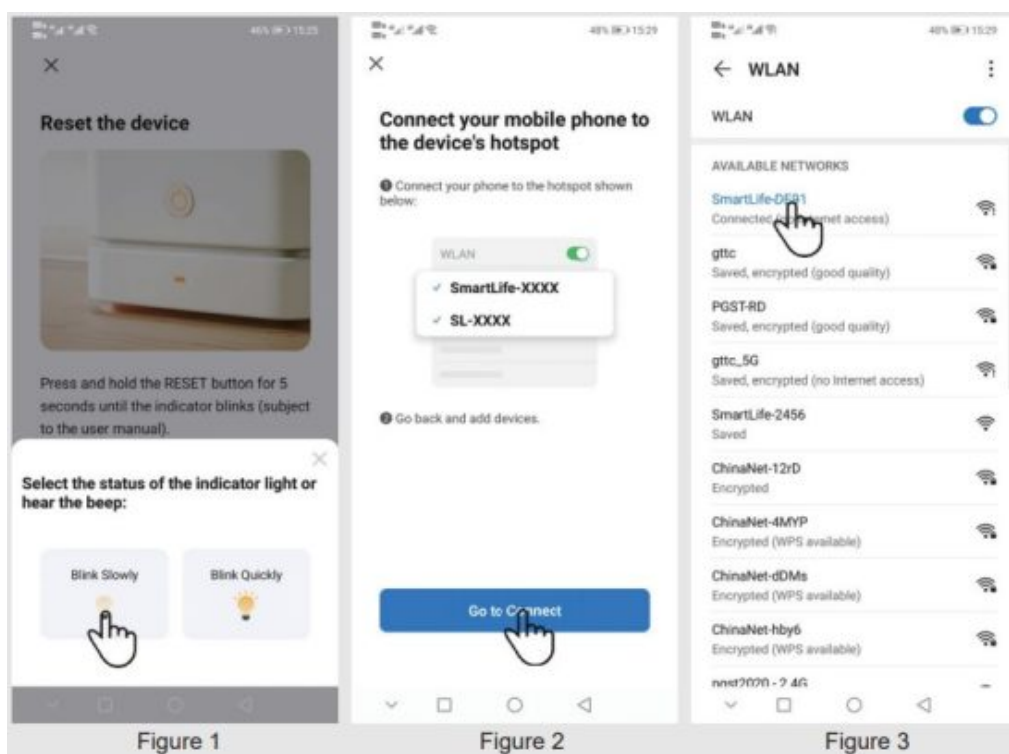


## Hotspot Configuration

1. Click “Add Device” (Figure 1);
2. Click “Sensor” and select “Alarm (Wi Fi)” (Figure 2);
3. Enter the Wi Fi password and click “Next” (Figure 3); In “Wi Fi Settings” of the host, select “Hotspot Configuration” and confirm to reset Wi Fi,
4. APP click “confirmation indicator flashes” (Figure 4);



5. APP click “slow flash” (Figure 1);
6. APP enters the interface of “Connect mobile Wi-Fi to device hotspot”, and click “Disconnect” (Figure 2);  
Connect device hotspots SmartLife\_XXXX, and then click Return (Figure 3);
7. The APP enters the interface of connecting devices and displays “Connecting devices” (Figure 4);
8. The host displays “Configuration succeeded”, and the APP “Add device” interface displays the “multi-function alarm host” successfully added (Figure 5);
9. APP click “Finish”, APP jumps to the “multi-function alarm host” function interface, and the addition of equipment is completed, (Figure 6).



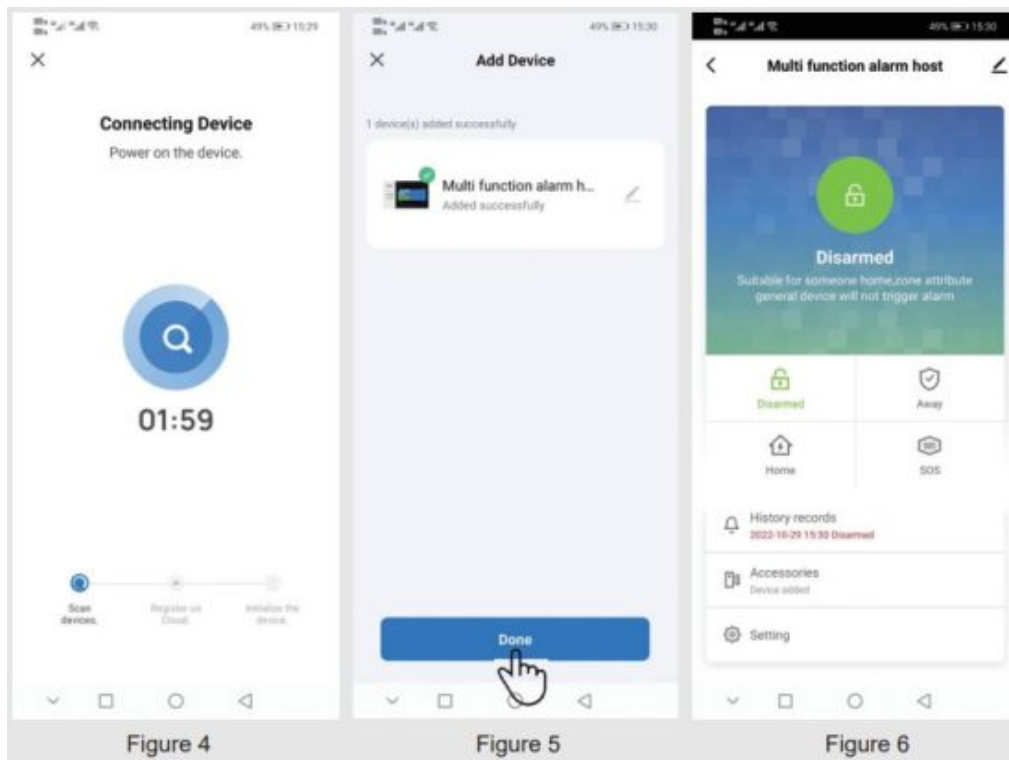



Figure 4

Figure 5

Figure 6

## Menu Operation

This product is designed with capacity touch screen, utilizing current sensing of human body to function. For features not listed in this chapter, refer to the descriptions in the diagram above.

Function described in this part: remote controller add/delete, wireless detector add/delete and the external wireless siren matching can be set by mobile app. (only with )

## Adding/Deleting Remote Controller

Push: Main menu→ Parts→ Remote controller, enter the interface for remote controller setting.

Push  $\wedge$  or  $\vee$  for page down, it will show all the Synchronized remote controller.

### Adding a new remote controller

- ↓ Press  $\vee$  to add remote, 20-second countdown starts.
- ↓ Press any buttons to send wireless signal to the host.
- ↓ When 'Learning OK' displays, the remote is added successfully.
- ↓ When 'Device code has been learned' displays, it means the remote control was added already or it has the same wireless code as the other wireless detector added. Please change to a new remote.



### Delete


- choose the remote controller listed, press the related numbers to delete the related remote controller,
- choose "0" to delete all the remote controller..

## Match code with/delete wireless detectors

- Press: Main → menu → Parts → Detector, enter into the detector setting interface.
- Press  $\wedge$  or  $\vee$  page down, it will list all the Synced wireless detectors.

## Sync the new wireless detectors

- Press , host get into the "Set Name/Mode/Number" interface
- Press , choose the zone name for the none Sync wireless detectors.

Press  24h, choose the none Sync wireless detectors. (stay arm active/ out arm active/24 hours active/ off/ doorbell silent 24 hours/ stay arm available (no delay) out arm available (no delay)  
Choose "Stay Arm Active", after the arm or stay arm setting, the detectors in this zone will alarm while be triggered.  
Front Door Window Balcony Perimeter use this kind of detectors.  
Choose "Out Arm Active", after the stay arm setting, the detectors in this zones will not alarm while be triggered.  
Living Room Bedroom and other internal place use this kind of detectors.  
Choose "24 Hours Active", it will alarm while be triggered anytime, SOS Panic Smoke/Fire Gas CO water Leakage use this kind of detectors.  
Choose "Close", it will not alarm while triggered.  
For wireless doorbell, please choose "Doorbell", It will note "dingdong" anytime while be triggered.  
24 Hours Silent: alarm sent when detectors triggered, siren muted, recommended for SOS(PANIC), smoke, gas, CO, water leakage detectors, etc.

Stay Arm Active without Delay: when panel is armed or star armed, alarm sent when detector is trigged without delay, recommended for door, wondows, balcony, perimeter detectors.  
Out Arm Active without Delay: when panel is stay armed, alarm won't be sent when detector is trigged, recommended for living room, bedroom detectors.

## Pair the wireless Siren

Go to Menu → Parts, get into the parts pairing interface

- When host shows "Learning OK", means the detectors Sync successfully, it will list all the name of the detectors, type, code and address code.

If host shows "Device code has been learned", means the detectors have been learned or repeated with the code of the other learned remote controller, need to be changed.

## Delete



- Press the listed detectors  KEY1-99, delete the chosen detectors.
- Press "0", delete all the detectors.

## Setting Name/Type of Wired Defense Zone

The host supports up to 4 wired defense zones, name and type of which can be set separately.



Zone number for wired defense zones are not changeable and within 100-103  
Setting wired zone 100.for example:

- Main Menu → Parts → Wired Zone, wired zone 100, enter setting.
- Press  to set name.
- Press  24h to set type

Stay Arm Active usually assigned to sensors on entry and exit doors, exterior doors and windows, perimeter.  
Active when armed in AWAY or HOME mode.

We recommend to set Door/Window Sensor to Stay Arm Active.

Out Arm Active usually assigned to a interior area (i.e.: foyer, lobby, or room). Bypassed automatically when armed in STAY mode. We recommend to set PIR Motion Detector to Out Arm Active.

24 Hours Active usually assigned to a zone containing an Emergency Button, Smoke Sensor, CO, Water Leakage and Gas Sensors.




To used as doorbell, select Doorbell.

### Pairing with the wireless strobe siren

Operate the none paired wireless siren into the pairing mode (please refer the strobe siren user manual) press the host of the siren pairing code button, host will the show the “code pairing signal already been sent” and sent to the wireless siren the siren will notice “pairing succeed. (refer the strobe siren user manual) after the pairing succeed between the siren and the host, the host will alarm, and the siren will beep the same time.

### Wireless alarm linkage

#### Pairing alarm linkage Wireless Socket



- Go to Menu → Parts → alarm Socket. Getting into the wireless socket pairing interface.
- operate the none pairing wireless socket and get into the pairing mode (refer the user manual of the wireless socket) Press and hold the button of the switch until it lights up, then the switch goes into the paring mode.
- Tap ↑ and choose on  and ↓ off  The hub shows  and sends the on and off transmission signals to the switch.

### Intelligent home appliances

Full Socket

- Press main interface: socket, get into the socket controlling interface.





#### Code paring

- Code paring method between the host and the socket, please refer ” socket code paring with the alarm host linkage” host can code pairing with the intelligent socket.
- Press ↑ choose  and choose , host will send on/off wireless signal
- Socket pairing with the host, can use the host or the APP to control on/off, or can set the socket timer.

### Socket Timer

- Host can set several groups timer to open/close the intelligent socket. Can set the socket number, time, time on/off etc. in each group.
- Press: Main menu → Parts → Socket Timer, enter the intelligent socket timer interface.

#### Add the timer


- Press  enter into the socket timer setting interface.
- Press  or + in-, set the socket number.
- Press  or + in, adjust the timer time.
- Press the week item in , set the day of the week.
- Press ✓ choose timer on or off.

- Press ✓, finish the setting.

## Edit

- Press the serial number front of the Timer, can edit the relevant timer, same as the above.

## Delete

- Press  behind of the timer list, delete the relevant timer.
- Press 0 delete all the Timer.

## Timed Arm/Disarm

You can set auto arm/disarm based on your routine to avoid duplicated operation in everyday life or not to forget arm/disarm.

### Timed Arm

- Main Menu → Clock → Timed Arm
- Click ↑ and ↓ to set arm time (hour, minute)
- Click ✓ to select "ON".
- Click ✓ to confirm.

### Timed Disarm

- Main Menu Clock → disarm.
- Click ↑ and ↓ to set arm time (hour, minute)
- Click ✓ to select "ON".
- Click ✓ to confirm.

## The host also supports the following alarm classes

- Main power failure (the alarm is effective after the main power failure lasts for 5 seconds)
- Anti-prying alarm (alarm after separation of main engine wall mounting bracket and main engine)
- Spare battery power shortage (The alarm is valid when the spare battery voltage is less than 3.45V and lasts for 10 seconds under the condition of main power failure.)
- Main power recovery.



### Mobile app alarm receiving procedure

When alarm occurs, panel sends push notification to your mobile phone. Users can check the alarm type in the APP main menu. Tap on 'Alarm Info' to check all records of panel operations and alarm logs.

## Technical Parameters

- Input Voltage: DC5V (Micro USB Standard Interface Power Supply)
- Working Current: ≤430mA

- Siren Output: <80db in 1 meter
- Wireless Frequency: 433Mhz
- WIFI System: IEEE802.11b/g/n wireless standard
- Spare Battery: 3.7V/1000mAh
- Working Temperature: -10~55°C
- Relative Humidity: < 80% (no condensation)
- Product Size: 182\*112\*16MM (length x height x thickness)

## PACKING LIST

- one set of host with built-in backup battery.
- micro USB 5V / 2A standard power supply, one set of power cord
- mini siren\*1
- screw pack\*1
- RFID tags\*2
- PIR sensor\*1
- window/door sensor\*1
- remote controller\*2



## Documents / Resources

	<p><a href="#">PGST PG-10 Full Range Alarm Host</a> [pdf] User Manual PG-109, 2AIT9-PG-109, 2AIT9PG109, PG-10 Full Range Alarm Host, PG-10, Full Range Alarm Host, Range Alarm Host, Alarm Host</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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