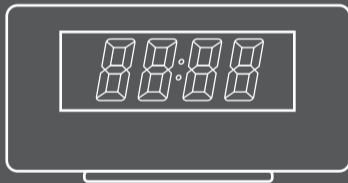


# **SimPal-W240**

## WiFi Alarm System



**APP Management and Settings:**  
SimPal WiFi



Available on  
**Google Play**

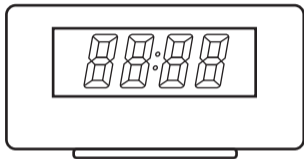


Available on  
**App Store**

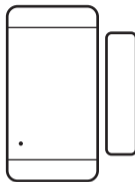
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## • 1.1 Package contents



Alarm panel  
1 pcs



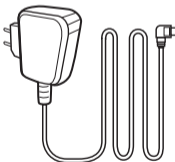
Door/Window sensors  
1 pcs



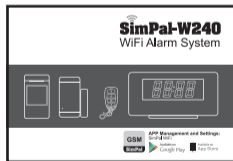
PIR detector  
1 pcs



Keychain remote controls  
1 pcs

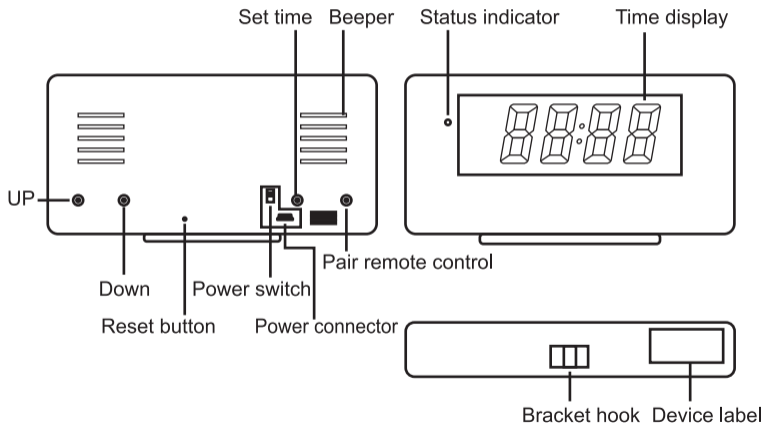


AC power adapter (5V)  
1 pcs

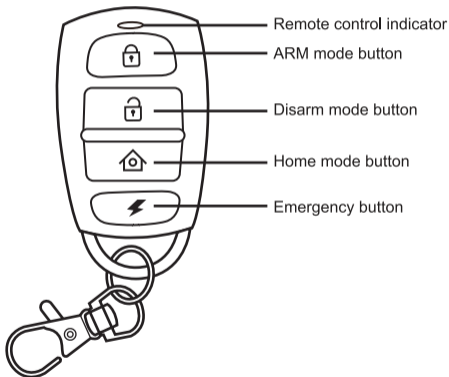


User manual  
1 pcs

## • 1.2 Alarm panel instruction



- **Remote control instruction**



## • 1.3 Light indicator

Model	Action	Status
LED indicator	Red color	WiFi disconnect or sensor alarm
	Green slowly breath	Work in Disarm mode.
	Green constant light	Work in Arm mode
	Green slow flash	Work in Home mode

## 1.4 Beeper

One long beep	Connect WiFi success
One short beep every 5 seconds	WiFi disconnect, Set WiFi in Smart-Link mode
Two short beeps every 5 seconds	WiFi disconnect, Set WiFi in AP mode
Five short beeps	Failed to connect WiFi

## • 2.1 Install APP

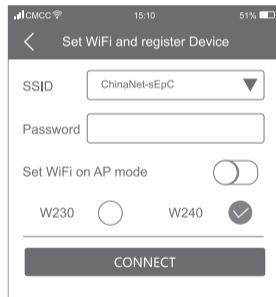
Search “SimPal WiFi” APP on Google Play or iOS APP store. Install “SimPal WiFi” APP on your Android or IOS smart phone. All operation and settings will be done on APP.

## • 2.2 Set WiFi and register device

### • Set WiFi in Smart-Link mode

Make your smart phone connected with your own WiFi network, W240 will register same WiFi network which smart phone already connected.

1. Power on W240 device, it will beep five times and beep every 5 seconds, means failed to connect WiFi.
2. Open APP, click “+” icon at the right top place, and select “Set WiFi and register Device”. it will auto display the WiFi SSID, only need to input password, select model “W240” and click “CONNECT”, it will auto set the WiFi SSID and password onto W240 device.



3. After it set success, It will display device Mac on APP, input the name, and tap “Add”, then it can register device success. Device will online after 1 minutes.

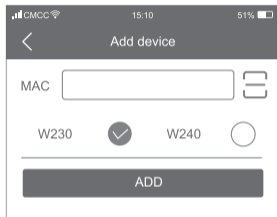
- Set WiFi in AP mode

If your router work in dual 2.4G & 5G mode, then it needs to setup W240 WiFi in AP mode. The method as following:

1. Power on W240, after hear 5 beeps means WiFi disconnect, press W240 “SET” button for one second to make alarm panel enter AP mode.
2. W240 will beep twice every 5 seconds, means working in AP mode, it will generate “WiFi\_Socket” hotspot, make mobile phone connect “WiFi\_Socket”. (No need password to connect “WiFi\_Socket”, it may need to set allow send data even this WiFi can not connect Internet).
3. Open APP, click + to add new device, APP “Set WiFi on AP mode” option will auto turn on, select your own WiFi and input password, select model “W240”, tap “Connect”, it will display device MAC, input device name to finish register device. (If input wrong WiFi password, W230 will failed connect WiFi and five beeps, need to set WiFi again.)



## • 2.3 Manual add device



1. When device already set WiFi, and want to register this device on second user, click "+", and select "Add device", input the device Mac, select model "W240", click "Connect", it will send register request to device. (Mac number can be read from device label and packing box)
2. Device will beep twice once received register request. Press W240 device "SET" button for 1 seconds, device will long beep, it means accept register. APP will show register device.

## • 2.4 Device list

When open APP, it will auto display registered device, and update device status automatically.  
The format of device as following:

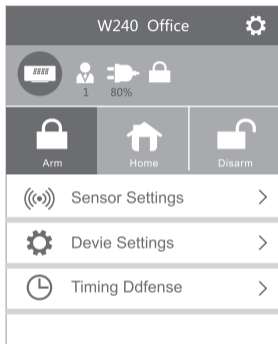
"Device name" "Status" "Battery level" "Alarm status"


<

- Device name: the name registers when add the device. Use to separate different device. It can change the name on advanced settings.
- Status: “online”: means this device connected with server, can be control via APP. “offline”: means the device disconnect with server, can not be controlled via APP. Device will auto online again when it connected WiFi.
- Battery level: It will show current alarm panel battery level.
- Alarm status:
  - Arm: panel working in Arm mode.
  - Disarm: panel working in Disarm mode.
  - Home: panel working in Home mode.

## • 2.5 Alarm panel operation


On operation page, it can remotely arm/disarm alarm panel, pairing wireless sensor, change alarm tone and sensor types.





 User number quantity, show how many users register on this device.

 power status and battery level, when it shows plug means power adaptor connected, when it shows battery icon, means panel working on battery.

 Panel working status, Arm, Disarm or Home mode.

 Tap this button to Arm system, when system work in Arm mode, indicator will constant light. All paired sensor will alarm in Arm mode.

 Tap this button to make system work in Home mode, LED will flash slowly. Only normal sensor and emergency sensor will alarm in Home mode.

 Tap this button to Disarm system, LED will breath flash, only emergency sensor will alarm in Disarm mode.

## • 2.6 Sensor settings

On “Sensor Settings”, it can pair wireless sensor, check paired sensor list and change sensor sound and type.

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W240

Sensor Settings

Sound

☒ Alarm tone

☐ Doorbell chime

☐ Mute

Type

☒ Normal sensor

☐ Emergency sensor

☐ Home sensor

Name

PIR

Sensor index

☐ 1☐ 2☐ 3☐ 4  
☐ 1☐ 2☐ 3☒ 4  
☐ 9☐ 10☐ 11☐ 12  
☐ 13☐ 14☐ 15☐ 16

- Pair wireless sensor: tap the icon +, it will go to sensor pair page. Select the "Sound" and "Type" options, input sensor name and select this sensor zone, then tap "OK" to start pairing, when panel receive sensor pair command, it will beep ring and display this zone number, trigger the wireless sensor immediately, when panel receive code from sensor, it will finish pair operation and display this sensor on list.

- Sensor type description:

	Arm mode	Home mode	Disarm mode
Alarm sensor	Alarm	Alarm	Ignore
Emergency sensor	Alarm	Alarm	Alarm
Home Sensor	Alarm	Ignore	Ignore

- Pair wireless remote control:  
Method: press "Pair" button on panel, it will beep and display 00, then press any button of remote control, it will pair this remote control success.
- Delete remote control:  
Method: keep press "Pair" button for 10 seconds, then it will remove all paired remote control.

## • 2.7 Device settings

On Device Settings page, it can change alarm sound and doorbell sound duration, message notification by email and turn on/off time display.

< W240

Device Settings

Test alarm sound:

Alarm sound:  seconds

Doorbell sound:  seconds

Message notification by E-mail: ☒

Email list:

1: test@simpal.cn

2:

3:

- Test alarm sound: when tap “ON” button, it will make panel sound alarm tone for 1 minutes; tap “OFF” button will stop alarm tone immediately.
- Alarm sound 1 seconds: use to set alarm tone duration, range is 0-600 seconds. When set 0 seconds, it will turn off alarm tone.
- Doorbell sound 30 seconds: use to set doorbell tone duration. Range is 0-600 seconds, when set 0 seconds, it will turn off doorbell tone.
- Message notification by E-mail: When this function turn on, wireless sensor alarm or power source change, it will send E-mail to inform user. Max allow set 5 e-mail address. (If can not receive email, check your email Trash box or change another email address.)

## • 2.8 Advanced settings

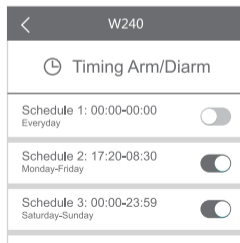
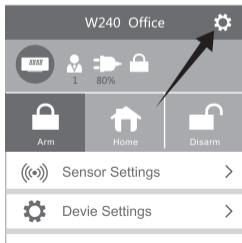
On device main page, click the right top “setting” icon, it will go to Advanced settings.

- Change device name:

It can change device name on Advanced settings. Input new device name and click “Modify” button, it will change device new name. After you change the name, it will display new name on all registered user APP.

- Adjust time

If the panel display wrong time, it need to make device get time zone from your APP. Click “Synchronize device time zone” button, it will send your mobile phone time zone to this device. After 1-2 minutes, it will display correct time.

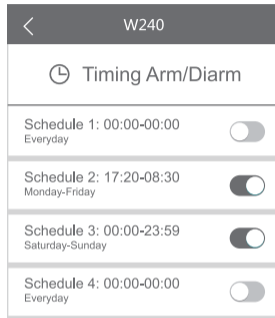


## • 2.9 Timing Arm/ Disarm

On “Timing Arm/ Disarm” page, it can set panel auto Arm/ Disarm according setting schedule. Can be set 5 group schedule for auto arm/ disarm.

For example: schedule set 08:00 – 18: 00 Everyday: it means panel will arm at 08:00 in the morning, and disarm at 18:00 daily.

To set whole day in arm mode, it can set time 00:01-00:00.



## • 3. Reset factory settings

Reset factory settings will make the device removed from all registered APP account, Need to register the device again on APP after reset. All paired sensor and remote control will remove after reset factory setting.

Method: Use tip things press the reset hole button, it will long beep and reset factory settings success.

## • 4. Technical Specification

Product size: 137\*78\*36 mm (Included bracket)

WiFi protocol: 802.11 b/g/n 2.4G

Power adaptor: 5V 1A

Max quantity of wireless sensor: 20 PCS

Wireless sensor working distance:  $\leq 40$  meters

Alarm tone volume: 100dB

Standby power consumes: 100mA

Backup battery: Lithium 1500mA 3.7V