



SimPal-W230

WiFi Temperature Plug

User Manual

Manual version 1.2

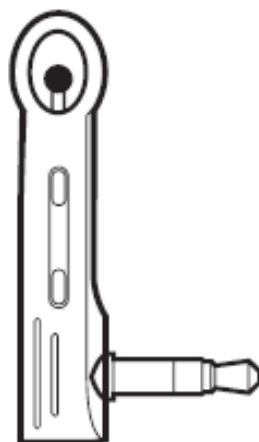
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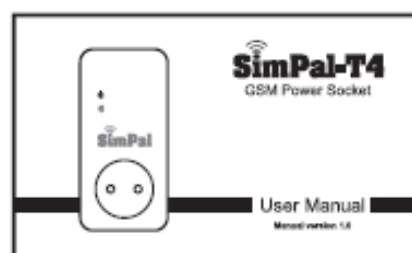
1.1 Package contents



GSM power socket
(1 unit)



Temperature sensor
(1 PC)



User manual
(1 PC)

1.2 Sockets instructions

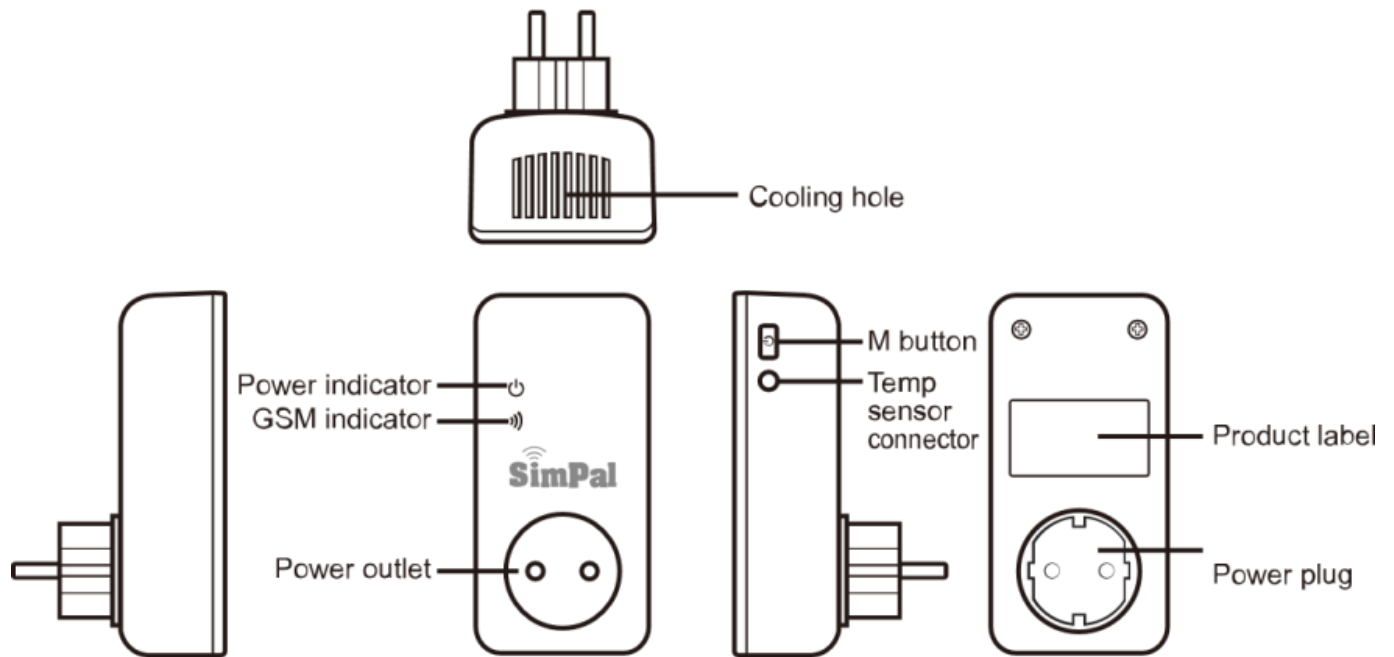


Figure 1: SimPal-W230 instructions

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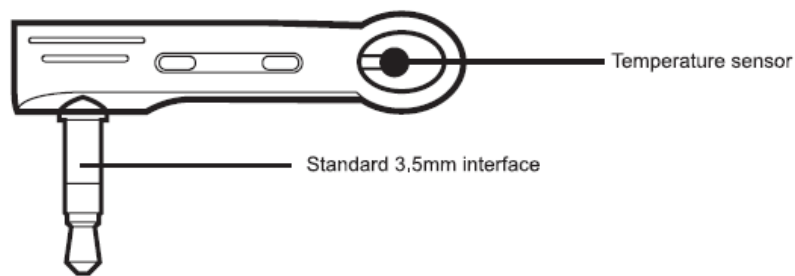


Figure 2: Temperature sensor Instruction

1.3 Light indicator

Model	Indicator	Action	Status
SimPal-W230	Power indicator	Turning off	Socket poweroutput OFF
		Constant light	Socket poweroutput ON
	Wireless indicator	Flash slowly	Connecting WiFi or register on server.
		Slowly breath	Working in standby mode.
		Constant light in 3 seconds	Rest to factory setting
		Flash fast	Process data

1.4 Beeper

One short beep	Press M button on/off
One long beep	Success to register the device on APP. Success to set-up WiFi.
Two short beep	Request to register the device Success register on server.
Three short beep	Failed to register on server.
Five short beep	Failed to connect WiFi

2.1 Install APP

Download “W230 WiFi Plug” APP and install on your Android or IOS smart phone. All operation and settings will be done on APP.

2.2 Set WiFi and register device

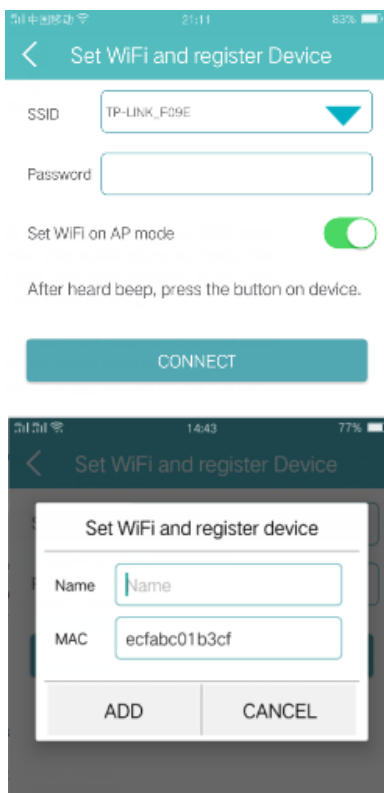


- Set WiFi in smart-link mode

Set WiFi account into W230 to make it connecting with network. Make your smart phone connected with your own WiFi network, W230 will register same WiFi network which smart phone already connected.

1. Power on W230 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, and click “CONNECT”, it will auto set the WiFi SSID and password onto W230 device.
3. After it set success, W230 will long beep, means WiFi connected success. It will display device Mac, input the name, and tap “Add”, then it can register device success. Device will online after 1 minutes.

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● Set WiFi in AP mode

If your router work in dual 2.4G & 5G mode, then it needs to setup W230 WiFi in AP mode. The method as following:

1. Power on W230, after hear 5 beeps means WiFi disconnect, press W230 M button for one second to switch socket power status, it will go to AP mode.
2. W230 will beep twice every 5 seconds, means working in AP mode, it will generate "WiFi_Socket" WiFi, 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, Tap "Connect", W230 will long beep and 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



The screenshot shows a mobile app interface for adding a device. It features a teal header bar with a back arrow on the left and the text 'Add device' in the center. Below the header, there are two white input fields with teal borders. The first field is labeled 'Name' and the second is labeled 'MAC'. At the bottom of the screen, there is a solid teal button with the word 'ADD' in white capital letters.

1. When device already set WiFi, Click “+”, and select “Add device”, input the “Device name” and device Mac, 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 W230 device M 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” “Temperature” “Power status”“

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- Device name: the name register when add the device. Use to separate different device.
- 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.
- Temperature: It will show latest environment temperature of this device, auto update every 30 seconds.
- Power status:
ON: means the power plug output is ON
OFF: means the power plug output is OFF.

2.5 Power control

On Power control page, it can remotely on/off power, delay turn on power, also can pairing remote controls and wireless sensors.

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- Power ON: turn plug power output on.
- Power OFF: turn plug power output off.
- Delay 1-3600 seconds turn off power: input the time value and select this option, it will turn on power immediately and turn off after settings times.
- Delay 1-3600 seconds turn on power: input the time value and select this option, it will turn off power immediately and turn on after settings times.
- Pair auto control sensors: use to pair sensor working with power plug. When sensor trigger, it will trigger delay control function. The time value is same as last settings. Such as set delay 30 seconds turn off power, when sensor trigger, it will turn on power immediately, and auto turn off after 30 seconds.
- Pair remote control: use to pair remote control. User can use remote control to turn off power, turn on power and trigger delay control function. Delay control time is same as last settings.

(Noted: only W230-F model support sensor and remote control.)

2.6 Temperature settings

On Temperature settings page, it can set plug working as thermostat, set plug auto push message when temperature out of setting range.

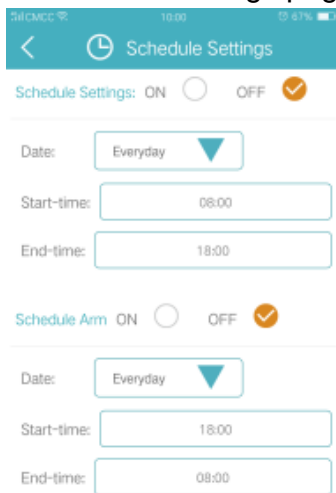
- Thermostat Control: it can set plug working as thermostat, the function of two working mode as following:



- A. Warming mode: when temperature higher than “Higher temp”, power will auto turn off. When temperature lower than “Lower temp”, power will auto turn on.
 - B. Cooling mode: when temperature higher than “Higher temp”, power will auto turn on. When temperature lower than “Lower temp”, power will auto turn off.
- Temperature alarm: set temperature range, when temperature out of range, it will auto send message.

2.7 Schedule settings

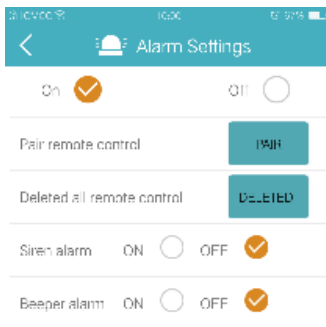
On Schedule settings page, it can set plug auto turn on/off according the schedule settings.



- Schedule Control: auto turn on/off power according the setting schedule.
- Schedule Alarm: pug will auto set in alarm mode according the setting schedule.

2.8 Alarm settings (Only W230-F model support this function)

On Alarm settings page, it can set alarm sensors and wireless siren. The wireless sensor and siren need to buy separately. Only customization FSK sensor can working with the plug.



- Alarm: when alarm set ON, it will push message and turn on wireless siren when sensor trigger. When alarm set OFF, it will ignore sensor signal.
- Siren alarm: when set ON, it will turn on siren, siren will loud sound immediately. Set OFF, it will turn off siren immediately.
- Beeper alarm: when set ON, plug built-in beeper will beep 10 seconds when sensor alarm. When set OFF, beeper will no beep even sensor alarm.
- Alarm sensor: max can pair 10pcs sensor, input the sensor name and click "Pair", after hear plug beep, trigger sensor to finish sensor pair.

2.9 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. Keep press the M button for 10 seconds, device will long beep and reset factory settings.

1.0 Technical Specification

Product size: 125*60*80 mm (EU plug)

WiFi protocol: 802.11 b/g/n

Power input: AC 110~230V

Temperature sensor range: -10°C~+50°C

Indicator: Power output and wireless signal in Blue

Max power loading: 16A or 3600W

Standby power consume: 30mA

Working temperature: -10°C~+35°C (Indoor use only)