Wireless Power Switching (AU)

Overview
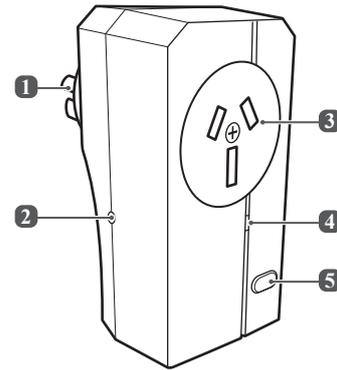
Name: Wireless Power Switching (AU)

Power: 100~240VAC

Dimension: 60 x 116 x 79 mm

60mm

116mm

79mm
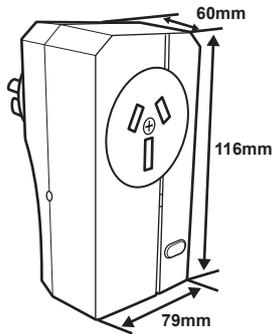
Names of Parts

1. Triplex Outlet
2. SET Button
3. Power Plug
4. Status LED
5. ON/OFF Button

Features

❖ Home Automation – receive the Gateway issued ON/OFF signal wirelessly, then control the power outlet for power supply. It can easily operate the home appliances, even by using a mobile device.

❖ Easy Setup – simply press the **SET** button on the device to join the system.

❖ Switch Link – when linked with other sensors, users can configure the action to be taken when the linked sensor is triggered.

For example, if someone triggered the Contact Sensor, the Power Switching will automatically turn ON/OFF. It is suitable to be used as a power switch to control the corridor night auxiliary lighting.

❖ When linked with other home appliances, press the **ON/OFF** button to manually turn on/off the power relay. (The blue light indicates the power is ON)

❖ Equipped with a router function which enables the system to extend the wireless signal distance and lets other sensors join the system via its connection.

❖ Easy to monitor the power consumption of home electronic appliances for energy saving.

Installation

Device Binding

1. Plug in the device to the wall outlet.

2. Short press the **SET** button at the back of the Gateway or Router (another Power Switching). Then short press the **SET** button on the device.

   The Gateway/Router and the device are joining as both LED indicators blink (around 15 seconds). Wait for few seconds until both LED indicators are turned off, indicating the device binding process is successful.

   Note: If the device binding process is failed, both LED indicators on those joined devices will light red once after blinking.

3. To switch on the power, simply press the **ON/OFF** button. (The blue light indicates the power is ON)

Device Usage

❖ Power Meter: Plug the home appliance on the Power Switch. Then it can calculate the Voltage(V), Current(A), Power(W), Frequency(Hz) when the device is switched ON. (The minimum Watt will appear after the device is switched on for at least 1 hour)

❖ Energy Used Cost: Configure the unit cost at peak time and off-peak time by Web interface first, and then select the accumulate period (by month, the maximum is 3 months). The system will automatically calculate the Total Cost, Peak Time Cost, and Off-Peak Time Cost. (The earliest period is 1 year ago)

❖ The power meter value can be viewed on the web interface, APP, and Panel Console. However, the cost value can only be displayed on Web interface and APP.

Device Deletion

To remove the device binding, press the **SET** button for 5 seconds. The LED indicator blinks green and then turns off. After few seconds, the LED indicator blinks red and then turns off again, indicating the deletion process is complete.

Notice

❖ Maximum resistive load: 10A/240VAC, 2400W.

❖ Power meter range:
   i. Measure voltage range: 100~240VAC
   ii. Measure current range: 1~10A
   iii. Measure power range: 20~2400W
   iv. The accumulate period is by month, and the maximum period is 3 months. (The earliest period is 1 year ago)

❖ When the Power Switch works as a router, the maximum joined sensors is 16. The maximum router in a system is 16.

❖ The maximum wireless signal cascade-able is 3 levels.

Troubleshooting

Problem	Solution
The LED indicator lights red when linking to the system.	a. Make sure the device is properly connected to the wall outlet. b. Reset to factory default, and re-join to the system. c. If the problem persists, please contact your local distributor.
Cannot link to the system.	Check the wireless signal and the distance between device and Gateway/Router (line of sight) is 300 meters (max.). If there is any obstructions (i.e. walls or metal objects) between the devices, the distance will be shorter. Users can move the device closer or add a Router, then try again.

Specifications

Wireless Power Switching (AU)	
Electrical Specifications	
Transmit Frequency	2.4GHz ISM band, IEEE802.15.4: 2405 ~ 2480MHz
Operation Range	Up to 300 meters (LOS)
Operation Voltage	100~240VAC
LED Indicator	Red/Green/Blue
Resistive Load	10A/240VAC, 2400W max.
Inductive Load (Single Face)	1HP/240VAC, 0.5HP/120VAC
Over Current Protection	11A
Measure Voltage Range	100~240VAC
Measure Current Range	1~10A
Measure Power Range	20~2400W
Environmental Requirement	
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 55°C
Humidity	90% RH Max., Non-Condensing
Mechanical Specifications	
Dimension (W x H x D)	60 x 116 x 79 mm
Weight	189g

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