

Plug in Socket on/off (GR-201THX)

Thank you for choosing GR.SMARTHOME products, the manual can be your guidance of installation and function features, it can help you to use our products completely and flexibly. Please keep it in good condition.

Safety Warning

Please read the manual throughout before using to make sure to use this unit safely.

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About using:

The manufacturer do not bear any responsibility in the case of the unit used by illegal operation which will cause damage or property lost

Maintenance

Under the warranty period, the unit is defected under the correct operation, the manufacturer will guarantee to keep the unit in repair if consumer can provide guarantee card and purchase receipt.

GR Technology International Limited

The manufacturer has rights to amend or improve the printing error, wrong information without any notice by any time; If you have some problems when using the manual, please feel free to contact us for asking help by writing immediately in order to let us solve the issues as soon as possible

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1.Product Introduction

The plug in socket (GR-201THX) is using Z-wave technology which is a new wireless communication technology based on radio frequency. GR 201 THX is a new design product which is short distance, low cost, low power consumption, high reliability. The user can use mobile intelligent terminal equipment to remote control.



The plug in socket can be associated with other home products in our company. It is widely used in the smart hotel, intelligent residential hall, smart home, smart city system. The user can use them flexibly according to his own demands.

2.Product Specification

Working Voltage: AC100-250V 60/50Hz

Maximum current load: 14A

Standby Power: $\leq 0.8W$

Working Temperature: $-10^{\circ}C \sim +50^{\circ}C$

Operating Humidity $\leq 80\%$

Communication Technology: Z-wave

Communication Frequency: 908.42MHz

Transmission Speed: 9.6/40/100 kbps

Transmission Distance: outdoor 30m

Transmission Distance:

indoor 30M (the transmission distance will be involved with the environment of the indoor)

3.Operating Principle

The plug in socket consist of Z-WAVE module with UART port, relay control circuit, relay and output contacts. The Z-wave module will be on or off according to the command from the control relay

4.Installation Instructions

Plug and play. It is suggested to use together with the Z-WAVE products in our company.

5.Products Usage

① Products Networking

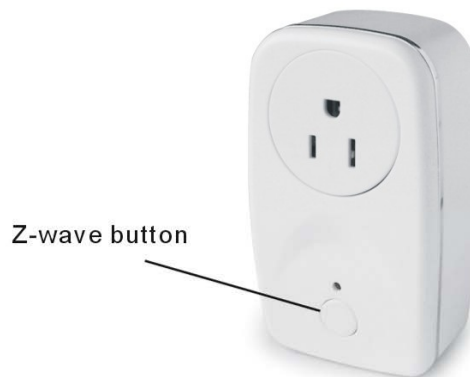
This product should be used in together with Fairy top



② Inclusion / Exclusion

<1> Please press the Z-Wave button on the switch after the Z-Wave controller sends the instruction for inclusion or exclusion

<2> Times to Press the Button: 3 times



Please pay your attention it will be better that the device is set in the place where is over one meter distance from the controller. If the controller has not yet received the signal, please press the button of inclusion/exclusion several times. After do the inclusion, please set the equipment in the place you want. Make sure the distance is under the operating range. When you choose ON, the hole of the device will have power which is same as the normal switch. When you choose OFF, the device won't have power as the power off status.

6.Maintenance

① The Correct Using Order of the Plug in Socket. First insert the plug, then press on to start up. Similarly, please press off before pull the plug

② How to Protect the Surface of the Plug in Socket. In order to make the switch more durable, please use some accessory to put around to protect it. For example, please use plug-in socket with the top cover when it is used in the bathroom or kitchen. It can prevent the impact of moisture and oil. It is one of the important measure to keep electrical safety

③ Use the Alcohol to Clean the Plug-in Socket. The plug-in socket need to be kept cleanly. Please use the dry cloth with little alcohol (alcohol concentration 70%-75%). It is forbidden to use the water to clean it. Otherwise, it will leave the water mark and also has the risk of electric shock.

7.Attentions

- ❶ Disclaimer: If there is function or software upgrade, GR Smart home won't have any further notice . The customer can contact with us to consult the relevant information . GR Smart home is qualified for the right of interpretation Interpretation.
- ❷ The product is forbidden to set in the place with direct sun exposure, high temperature, sharp pounding, chemical corrosion and much dust.
- ❸ The use of this product should be far away from the fire source to prevent the occurrence of fire
- ❹ This product is connected to electric power shall not exceed the maximum load power.



Product Guarantee Card

Customer Name		Product type	
Telephone		Post Code	
Customer Address			
Purchasing Date			
Service Time	Repair Content	Satisfaction (YES/NO)	Signature Confirmation

Note: Please keep this warranty card in good condition.
We do not make up the lost.

Listing of the warranty

(Please mark "√" for the goods you have purchased ,
Or, please mark "×" in the blank column)

Fairy Top		Alarm	
Single Wire Switch Module		Vibration Detection Control Module	
Switch Module with Neutral and Live Wire		Alarm Button	
Door/window sensor		Two - relay Touch Switch with Neutral and Live Wires	
Smoke /Gas Sensor		Two - relay Touch Switch with Single Live Wire	
auto valve		Mini Tracker	
Plug in Socket On/off		Touch Dimmer Switch	
Telephone Alarm Device		Curtain Motor	
PIR sensor		Lifting Controller	
AV Infrared		AC Infrared	
Three- relay Touch Switch with Neutral and Live Wires		Three- relay Touch Switch with Single Live Wire	

Warranty Terms

Under the warranty period , the unit is defected under the correct operation, the manufacturer will guarantee to keep the unit in repair if consumer can provide guarantee card and purchase receipt . Please pay your attentions for the following things,

- Under one year guarantee period base on the date of manufacture, we will be responsible for free repair or replacement . We only charge the repair fee if it is over one year guarantee period .
- We will charge the repair fee in the conditions as below:
 - <1> Cannot provide the guarantee card and the effective purchase vouchers
 - <2> Beyond the guarantee period and the free repair period
 - <3> Failure and damage because of an error caused by improper use and self repair
 - <4> Defect due to the crash, extrusion, high temperature, corrosion, foreign body into the equipment, incorrect usage or and other abnormal reasons.
 - <5> Failure or damage due to force majeure like natural disasters, wars.
 - <6> Default caused by the repair and disassemble by the unauthorized repair agencies or some persons .
 - <7> Without clear label to show the factory' s name or model No .
- Please send the repair goods together with your warranty card and receipt . The transportation cost will be bore by the user.
- The warranty terms will excluding the appearance of the product which easy to damage. And we won't repair the other parts which not show in the warranty card.
- Please keep the warranty card in good condition . We do not make up if lost

FCC ID: 2ACC6GR-201THX

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.

The Wireless Z-Wave control output ports ON/OFF.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.