

# **CG100SK**

***AC SOCKET***

# **USER MANUAL**



CG100SK  
AC Socket – UK Standard

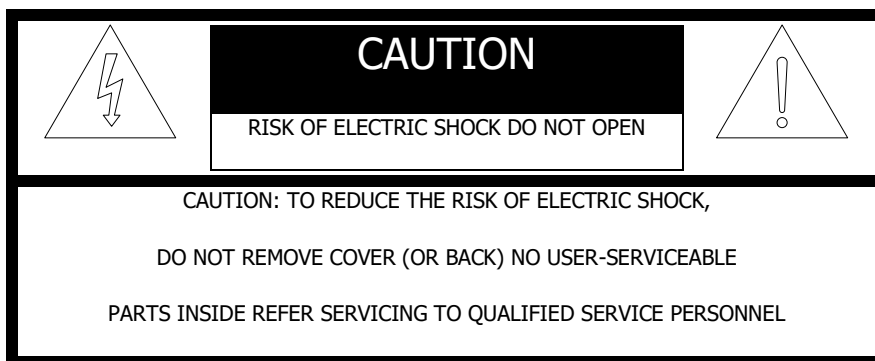
VERSION 1.1

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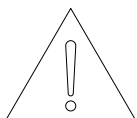
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The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

## **IMPORTANT SAFETY INSTRUCTIONS**

### **READ BEFORE OPERATING EQUIPMENT**

*This product was designed and manufactured to meet strict quality and safety standards.*

There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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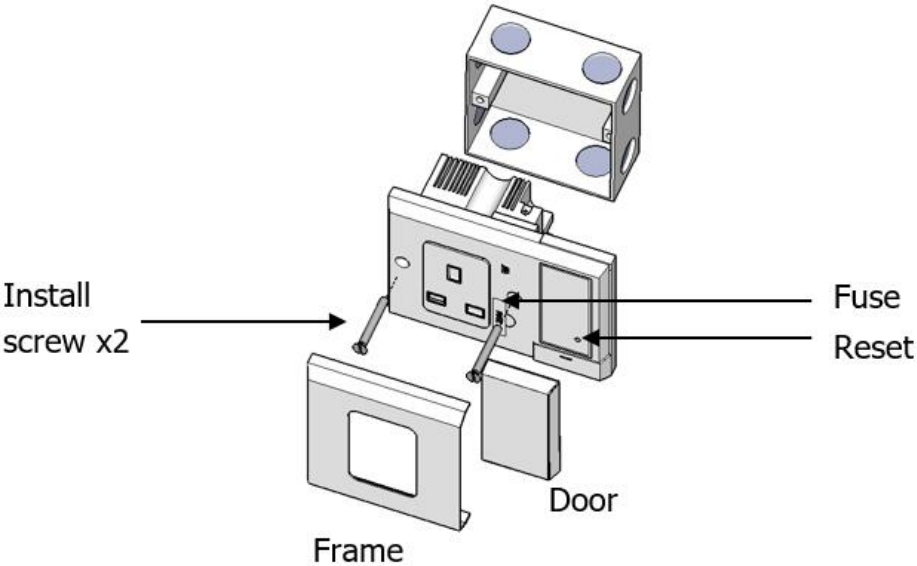
## **1. Introduction**

Thank you for choosing CityGrow's product. CG100SK AC Socket is highly-functional, user-friendly and installation-friendly. It is specially designed for CityGrow home automation system.

### **Description**

1. ZigBee wireless remote control.
2. Based on IEEE 802.15.4.
3. 2.4GHz radio frequency.
4. Embedded type AC socket.
5. AC 220V, 13 load – UK Standard.
6. LED indicator for status indication.
7. Local ON/OFF button.
8. With CG102BS-R Base Station, all devices support iOS/Android App control.
9. Easy to install.

## 2. Understanding the product



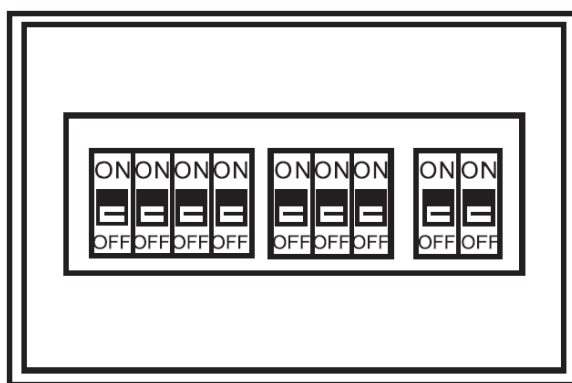
### 3. Installation

#### Before getting started

- ⚠️ **WARNING!** It must be installed by a qualified electrician in accordance to all applicable regulations and building codes. Improper wiring can result in personal injury or damage to control units or other equipment. Always turn off circuit breaker or remove main fuse from power line before doing any work. To avoid overheating and possible damage to equipment.
- ⚠️ **WARNING!** Do not operate when any lamps removed or burned out; replace any burned out lamps immediately; use only transformers that incorporate thermal protection or fused primary windings. ! This product is designed for residential and commercial use, for indoor use only.
- ⚠️ **WARNING!** Install in accordance to all national and local electrical codes.
- ⚠️ **IMPORTANT!** CityGrow® is not liable for any damage incurred with the misuse of the product.
- ⚠️ **IMPORTANT!** Pre-setup can only be done by a professional technician or manufacturer agent.

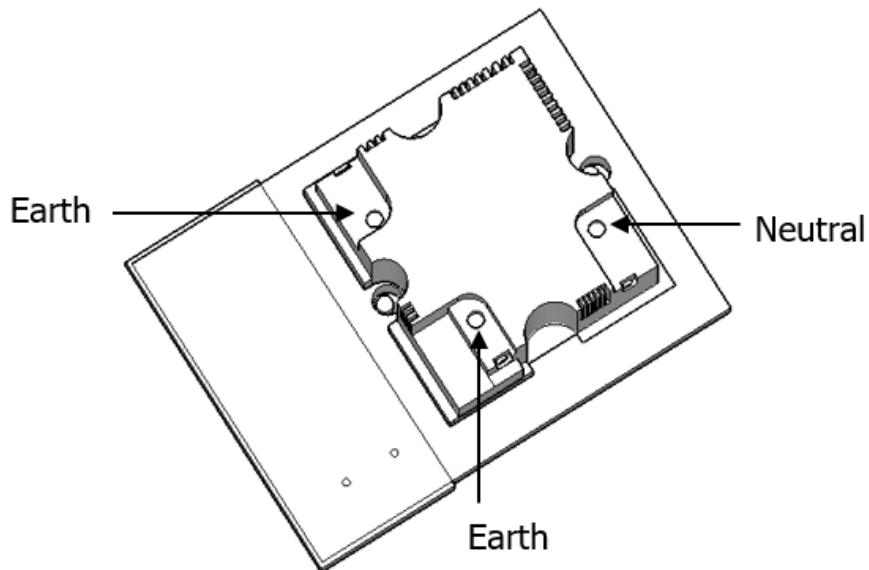
**Please follow the instructions to install the product.**

**STEP 1: IMPORTANT!** Turn off main power at the main switch board.

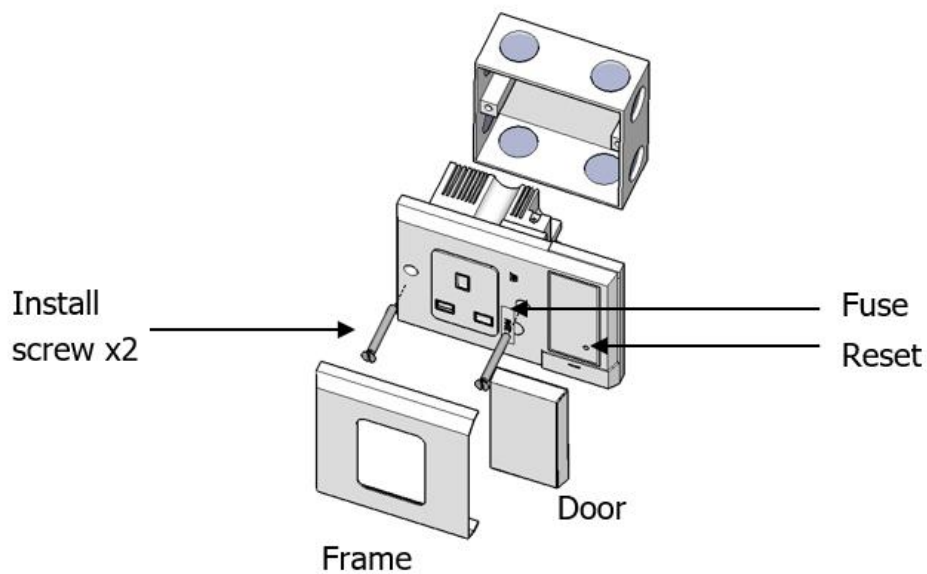


**STEP 2:** Loosen the screws of the original AC socket. Remove the AC socket and disassemble the wiring.

**STEP 3:** Connect the main power cable to the Live and Neutral terminals at the rear cabinet of the device.

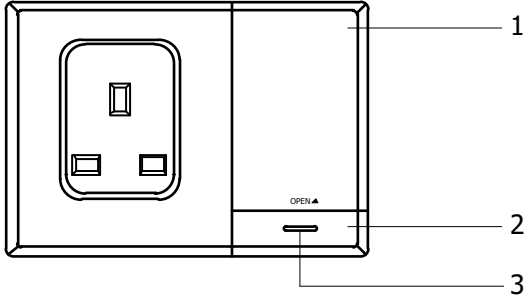
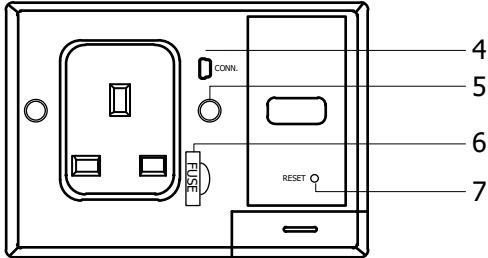


**STEP 4:** Fasten the screws of all terminals and check that the wires are properly secured. Install the AC power socket on the wall by fastening the two screws.



**STEP 5:** Press the ON/OFF Button to test if the wiring is connected correctly. If the ON/OFF Button does not function properly, please check the wiring connection.

## 4. Operation instruction

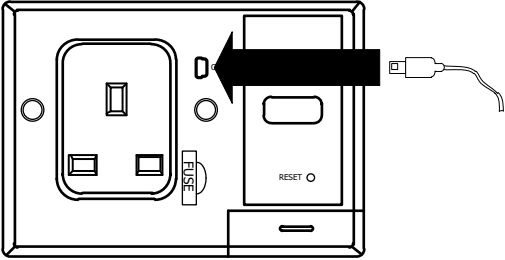
<b>COVER PLATE</b>	
 <p>A line drawing of the cover plate. On the left is a rectangular socket. On the right is a vertical door. Below the door is a small horizontal button labeled 'OPEN' with a right-pointing arrow. Below the button is a small square LED indicator. Three numbered lines point to these features: 1 points to the door, 2 points to the button, and 3 points to the LED.</p>	<ol style="list-style-type: none"> <li>1. Door (Slide to Open)</li> <li>2. ON/OFF Button</li> <li>3. LED Indicator</li> </ol>
<b>MAIN UNIT</b>	
 <p>A line drawing of the main unit. On the left is the socket. To its right is a 'CONN.' (connector) port. Below the socket is a 'FUSE' compartment. To the right of the fuse is a 'RESET' button. On the far right is a vertical door. Five numbered lines point to these features: 4 points to the connector, 5 points to the screw holes on the door, 6 points to the fuse, and 7 points to the reset button.</p>	<ol style="list-style-type: none"> <li>4. Connector</li> <li>5. Screw Holes</li> <li>6. Fuse</li> <li>7. Reset Button</li> </ol>

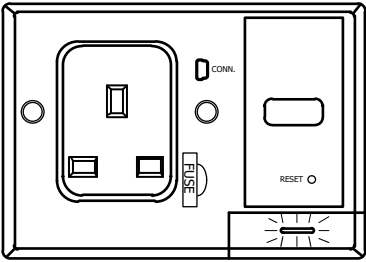
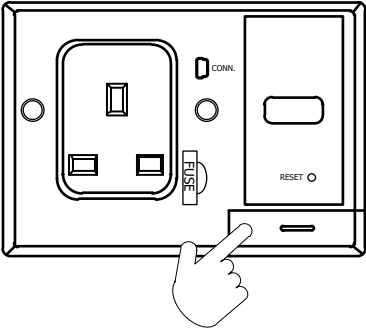
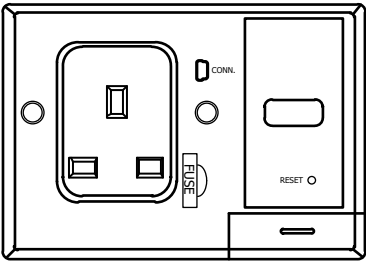
Press ON/OFF Button once to toggle between ON and OFF.

- LED **ON** indicates the Socket is OFF.
- LED **OFF** indicates the Socket is ON.



## 5. Pairing CG100SK with CityGrow's remote products

	<p><b>STEP 1</b></p> <p>Connect one end of the provided USB Cable to the CG100SK and the other end to a PC.</p>
	<p><b>STEP 2</b></p> <p>The CG100SK must be programmed with an ID. Refer to the User Manual for the instructions of the "HomeNET Planner 2" software..</p>
	<p><b>STEP 3</b></p> <p>Unplug the USB Cable from the PC and plug into a Remote or Panel.</p> <p>To begin the pairing process of the CG100SK, please refer to the User Manuals for the control plate products.</p>

	<p><b>STEP 4</b></p> <p>When the LED Indicator begins <b>BLINKING</b>, the CG100SK is awaiting confirmation of the binding process.</p>
	<p><b>STEP 5</b></p> <p>Press and release the desired ON/OFF Button once to confirm the pairing.</p>
	<p><b>STEP 6</b></p> <p>The pairing process is complete.</p>

**NOTE:** The CG100SK can be paired with up to **8 pieces** of CityGrow control plate products.

## 6. Specification

Item	Specification
Input voltage	AC220V-240V, 50Hz (UK)
Loading	13A (UK)
Functions	Remote control ON/OFF
Range	60M (line of sight), ZigBee Mesh Network
Operating temperature	0°C to 40°C
Operating humidity	20% to 95% non-condensing
Unit Dimension L x W x D (mm)	115 x 87 x 46mm
Storage	-20°C to 70°C
RoHS (2002/95/CE) Bidirectional ZigBee ® chipset Standard IEEE 802.15.4 - 2,4GHz / AES 128 Bit	