

CG100SK/CG100SKCN

/CG201SK

AC SOCKET

USER MANUAL



CG100SK
AC Socket
(UK)



CG100SKCN
AC Socket
(China)



CG201SK
AC Socket
(USA)

VERSION 1.0

21 JANUARY, 2013

(PRELIMINARY)

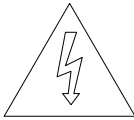
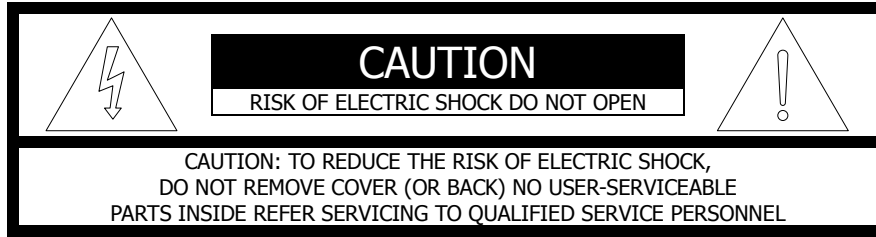


Disclaimers and Copyright

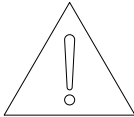
Nothing contained in this publication is to be construed as granting any right, by implication or otherwise, for the manufacture, sale, or use in connection with any method, apparatus, or product covered by letters patent, or as insuring anyone against liability for infringement of letters patent.

Efforts have been made to ensure the accuracy and reliability of the data contained in this publication; however, Citygrow Energy Systems Limited. makes no representation, warranty, or guarantee in connection with this publication and hereby expressly disclaims any liability or responsibility for loss or damage resulting from its use or from the use of any product or methodology described herein; for any violation of any federal, state, or municipal regulation with which this publication may conflict; or for the infringement of any patent from the use of this publication. Nothing contained in this publication should be viewed as an endorsement by Citygrow Energy Systems Limited. of any particular manufacturer's products.

Copyright © 2012 Citygrow Energy Systems Limited, All Rights Reserved



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.

Table of Contents

IMPORTANT SAFETY INSTRUCTIONS.....	i
1. Introduction.....	1
2. Installation.....	2
3. Getting Started.....	4
4. Bindings	5
5. Clear Memory.....	6
6. Specification.....	9

1. Introduction

Thank you for choosing Citygrow's product. The CG100SK /CG100SKCN/CG201SK is AC Socket which is designed for wireless control use.

The CG100AS /CG100AS01/CG201AS works on ZigBee and can be wirelessly controlled by Citygrow's remote control or control panel products.

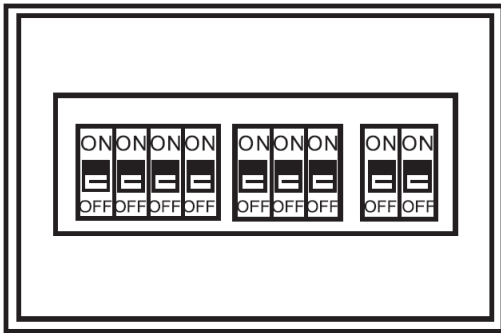
Description

1. ZigBee wireless remote control.
2. Based on IEEE 802.15.4.
3. 2.4GHz radio frequency.
4. DIY, plug and play.
5. AC 220V 13A for UK/ China version.
6. AC120V 10A for USA version.
7. LED backlight indicator for on/off status.
8. Local on/off button
9. Support iPhone, iPad and Android mobile control if CG102BS Base station is purchased.
10. Control button graphics can be tailor-made per customer requirement.
11. No EIB / Bus required
12. Easy to install.

2. Installation

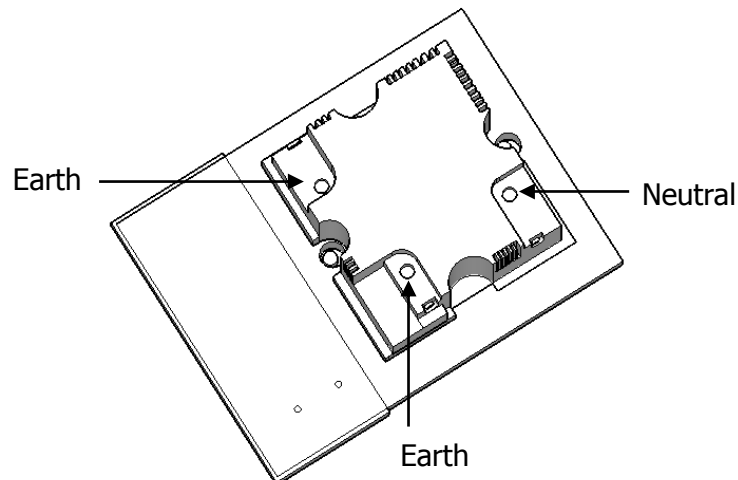
In order to install the CG100SK correctly, please follow the below steps. Please note, for CG100SKCN, the installation follow the same steps described below. For USA version AC socket CG201SK, the installation follow the same steps except that a USA wall box should be used.

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

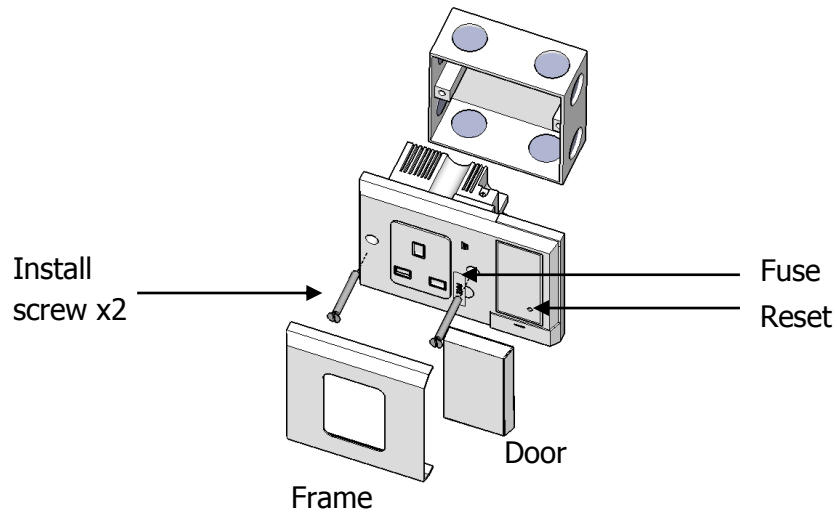


STEP 2: Loosen the screws of the original AC Socket. Remove the AC Socket and disassemble to access the Live, Neutral and Earth wiring.

STEP 3: Connect the Live, Neutral and Earth terminals at the rear cabinet of the device.

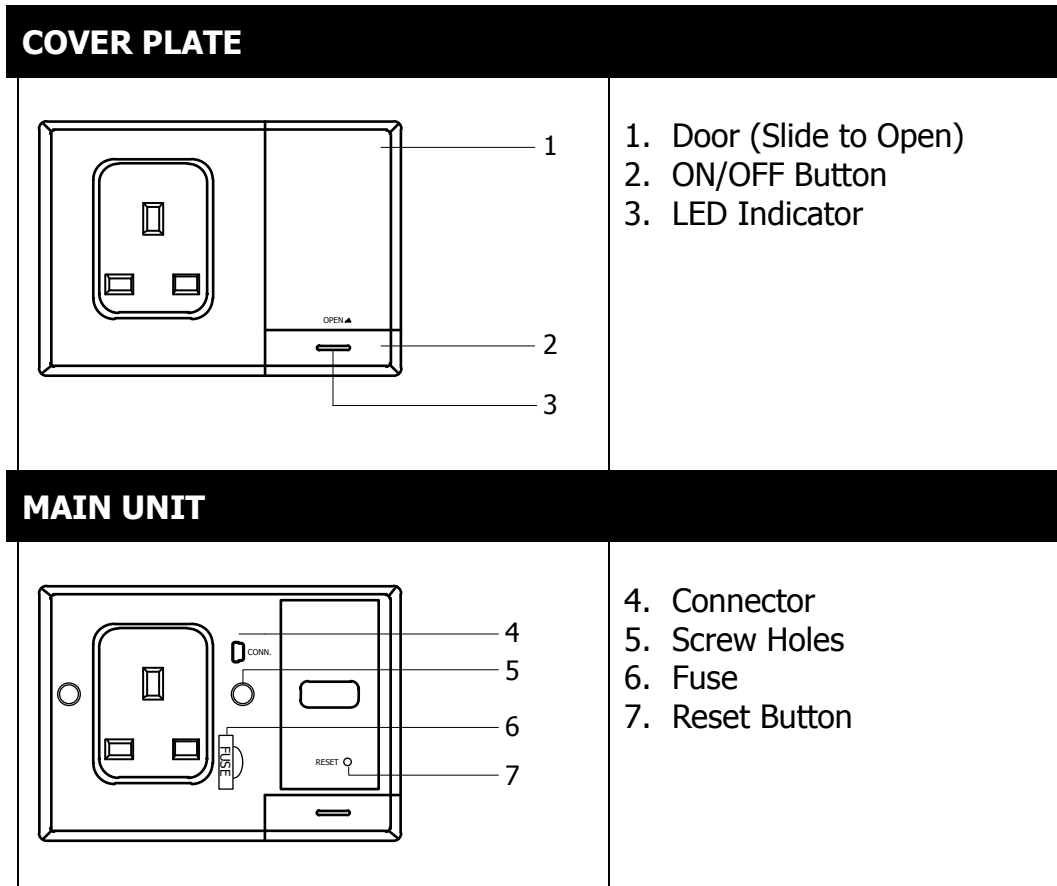


STEP 4: Fasten the screws of all terminals and check that the wires are properly secured. Install the AC power socket on the wall by fastening the two screws.



STEP 5: Push the ON/OFF Button test whether the wiring has been connected correctly. If the ON/OFF Button does not function as expected, please check the wiring connection again.

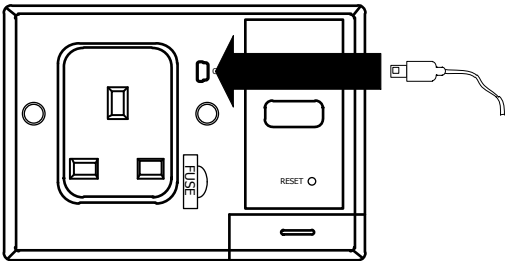
3. Getting Started

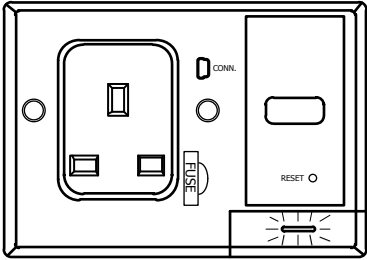
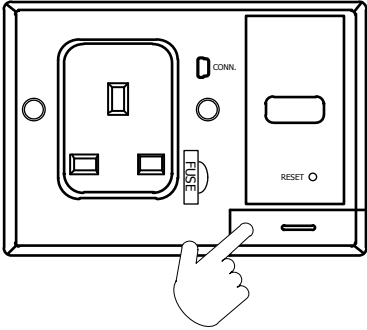
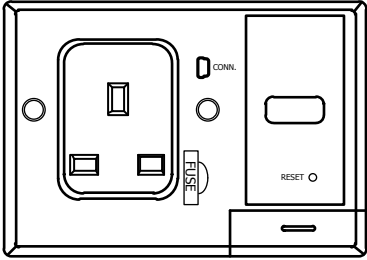


1. Press ON/OFF Button once to toggle between ON and OFF.
 - LED **ON** indicates the Socket is OFF.
 - LED **OFF** indicates the Socket is ON.

4. Bindings

The CG100SK can be bound with Citygrow’s Remote products as well as Control Panel products to allow for wireless control. In order to perform the Binding function, please follow the below steps:

	<p>STEP 1</p> <p>Connect one end of the provided USB Cable to the CG100SK and the other end to a PC.</p>
	<p>STEP 2</p> <ul style="list-style-type: none"> - An ID must first be programmed into the CG100SK. Refer to the User Manual for the “HomeNET Planner” software for instructions on how to do so.
	<p>STEP 3</p> <ul style="list-style-type: none"> - Unplug the USB Cable from the PC and plug into a Remote or Panel. - To begin the process of binding to the CG100SK, please refer to the User Manuals for the Remote or Panel products.

	<p>STEP 4</p> <ul style="list-style-type: none"> - When the LED Indicator begins BLINKING, this shows that the CG100SK is awaiting confirmation of the binding process.
	<p>STEP 5</p> <ul style="list-style-type: none"> - Press and release the desired ON/OFF Button once to confirm the binding.
	<p>STEP 6</p> <ul style="list-style-type: none"> - Binding is complete. Ensure the binding was successful by using the Remote or Panel to control the CG100SK.

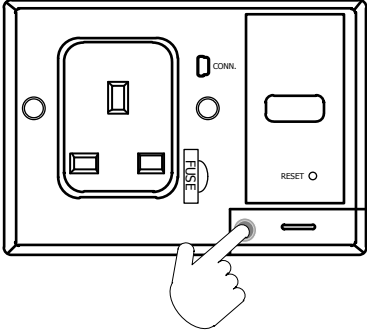
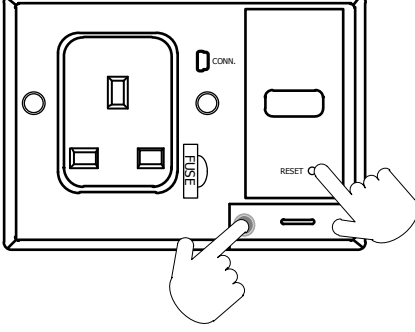
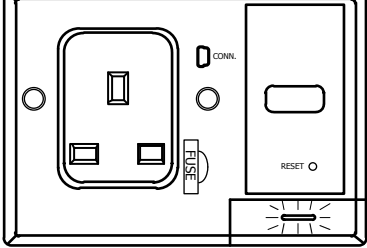
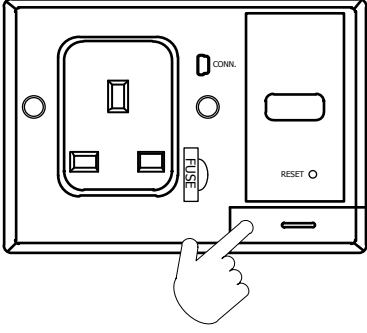
NOTE: The maximum number of Panels the CG100SK can be bound with is **8**. Any additional Panels will not receive any status feedback from the CG100SK.

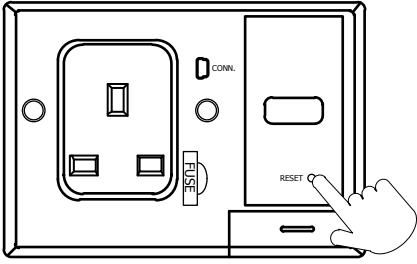
5. Clear Memory

Clearing the memory inside of the CG100SK will result in:

1. The CG100SK will no longer reply to any Panels that it had previously bound to.
2. The CG100SK will no longer reply to any Remotes that it had previously bound to.

In order to perform the Clear Memory function, please follow the below steps:

 <p>The diagram shows the control panel with a hand pointing to the ON/OFF button. Labels include 'CONN.', 'RESET', and 'FUSE'.</p>	<p>STEP 1</p> <ul style="list-style-type: none"> - Press and HOLD the ON/OFF Button.
 <p>The diagram shows the control panel with one hand holding the ON/OFF button and another hand pressing the Reset button. Labels include 'CONN.', 'RESET', and 'FUSE'.</p>	<p>STEP 2</p> <ul style="list-style-type: none"> - CONTINUE holding onto the ON/OFF Button. - Press and release the Reset Button once.
 <p>The diagram shows the control panel with the LED indicator below the Reset button blinking. Labels include 'CONN.', 'RESET', and 'FUSE'.</p>	<p>STEP 3</p> <ul style="list-style-type: none"> - Wait until the LED Indicator begins BLINKING. - Release the ON/OFF Button.
 <p>The diagram shows the control panel with a hand pointing to the ON/OFF button. Labels include 'CONN.', 'RESET', and 'FUSE'.</p>	<p>STEP 4</p> <ul style="list-style-type: none"> - Press and release one of the ON/OFF Buttons again to stop blinking.

 <p>The diagram shows the front panel of the CG100AS control unit. On the left, there is a large rectangular display area with two small square buttons below it. To the right of the display is a 'CONN.' port and a 'RESET' button. A hand is shown pressing the 'RESET' button. Below the main panel is a separate control knob.</p>	<p>STEP 5</p> <ul style="list-style-type: none">- Press and release the Reset Button.- The memory inside of the CG100SK has now been cleared.
--	---

The above section 3 and section 4 applies to CG100SKCN and CG201SK.

6. Specification

	CG100SK/CG100SKCN	CG201SK
Description	AC Socket (UK/China)	AC Socket (USA)
Load current (A)	13A	10A
Power supply voltage	AC220 to 240V, 50HZ	AC114 to 126V, 60Hz
Two way control function	YES	YES
RF frequency	2.4GHZ	2.4GHZ
Remote control distance (M, line of sight)	100M	100M
Dimensions mm (Length x Width x Height)	115x87x46	117x70x44
Recommended operation temperature	0 to 40 degC	0 to 40 degC