

# Quick Installation Guide

CG201S2-KP Two-Gang Key Pad for wireless lighting control via wall-mount dimmer



CG201S2-KP

## Description of Model Number

CG201S2-KP — Two-Gang Key Pad

**WARNING !** Improper use or installation can cause **SERIOUS INJURY, DEATH or LOSS/DAMAGE OF PROPERTY.**

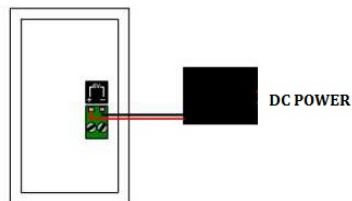
**WARNING !** Install in accordance with all national and local electrical codes.

**Important !** Manufacturer is not liable for any damage incurred with the misuse of this product.

**Important !** Pre-setup can only be done by a professional worker or manufacturer agent.

## IMPORTANT NOTICE !

1. This device requires to be powered by DC 6V.



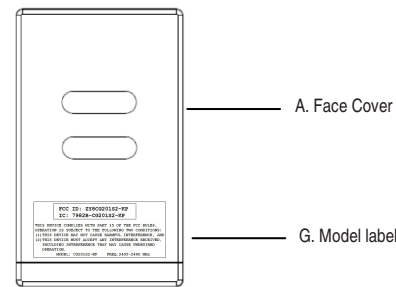
2. The CG201S2-KP operates at 2.4GHz, IEEE802.15.4, The operating range is approximately 100 meters in an open area, subject to environment conditions. The control distance can be extended if you install more devices at different locations.

3. This device should be located away from water, humidity, and direct sunlight.

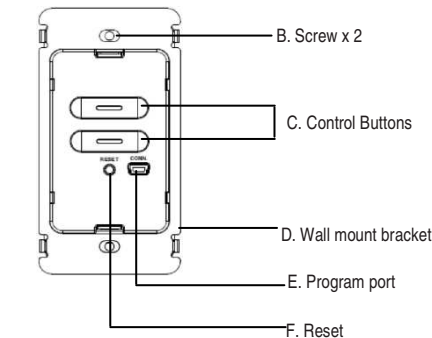
4. This device is designed to fit in USA wall boxes.

## Figure 1: Parts description

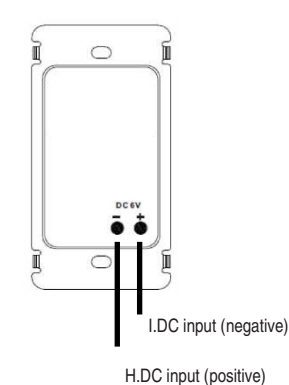
Front view – Face cover



Front view -Main unit

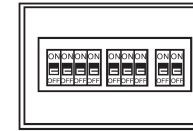


Rear view -Main unit



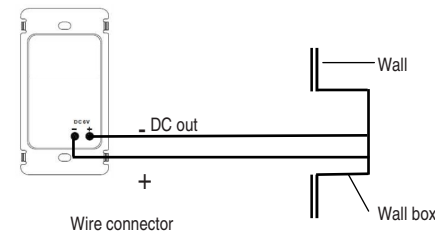
## INSTALLATION

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

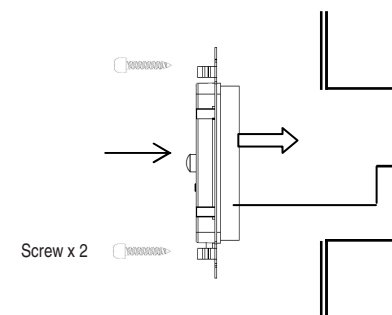


**STEP 2:** Loosen the screws of the original wall switch, remove the switch and disassemble the wiring.

**STEP 3:** Connect cable to DC 6V, positive and negative output terminals of the DC 6V Power is then connected to the respective DC positive and negative input terminals of the CG201S2-KP.

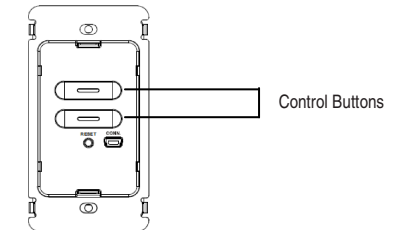


**STEP 4:** Put the wall mount bracket into the wall box and use 2 pcs screw to fix the wall mount bracket onto the wall box

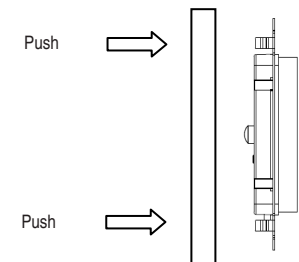


**STEP 5:** Switch on the MCB, the LED on the button will light up.

**STEP 6:** Press both Control buttons and hold for 10 seconds. Both button lights will begin to blink. While blinking, the user can test the switch by pressing the top button to turn on, or the bottom button to turn off any wireless lights nearby. To exit this test mode, press both buttons at the same time once. The button lights will stop blinking.



**STEP 9:** Push the face cover into the main unit.



## Specifications for the Synapse CG201S2-KP:

**Power Supply:** Input: DC6V, 100mA

**Dimensions:** 116x69x16mm

**Operating temperature:** 0 to 40 deg. C

**Radio Frequency:** 2.4GHz, SNAP OS Mesh Network

**Standard:** IEEE 802.15.4 – 2.4 GHz

TECHNICAL SPECIFICATIONS AND PHOTOS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

These devices comply with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) These devices may not cause harmful interference, and (2) These devices must accept any interference received, including interference that may cause harmful operation.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Ng't tugpy'cr r ctgltgu'eqphqto g'cwz'EP'T'Y J6f wntlg'Ecpfc'c'r r dcdngu' cwz'cr r ctgltu'tcf lq'gz go r u'tf g'ilegpe0Ngr rqlscvqp'gu'cwqtkg'cwz' f gwz'bcqpf lskqp'uwxcpvqu' \*3-h'cr r ctgltpg'Tqls'r cu't tqf vltg'T g'dtqlmci g.'lv''' \*4-h'wklac'vw T g'h'cr r ctgltqls'ceegr vlt'qwdtqlmci g'tcf lqngv'tls w'lvdk' o o g'uklg'dtqlmci g'gu'lvuqgr vltg'T gp'eqo r tqo gw'g'tg'lvpevqppgo gp0