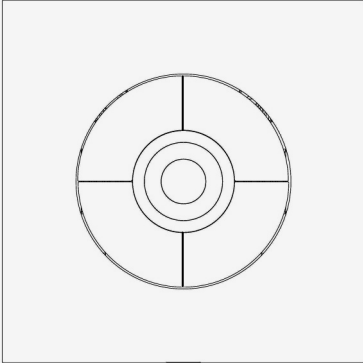




# GI2DC User Guide



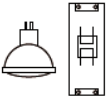
- Double gang dimmer
- Replaces a standard light switch or dimmer
- Security mode
- Night light mode\*
- Scene setting and soft on/off\*

\*only available using remote handset

## Compatible lamps



Mains tungsten GLS filament or halogen lamp  
Min 60W per output  
Max 150W per output



Low voltage halogen with transformer  
Min 60W per output  
Max 150W per output

Transformer must be suitable for leading edge dimming

## Incompatible lamps



Linear fluorescent



Standard compact fluorescent (CFL) or low energy lamps or CFL dimmable lamps

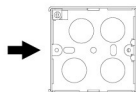
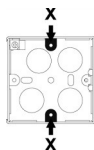


2D fluorescent



## installation

This product should be installed in accordance with the current IEE wiring regulations. If in doubt consult a qualified electrician.

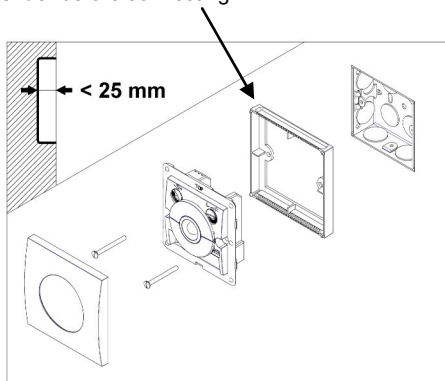
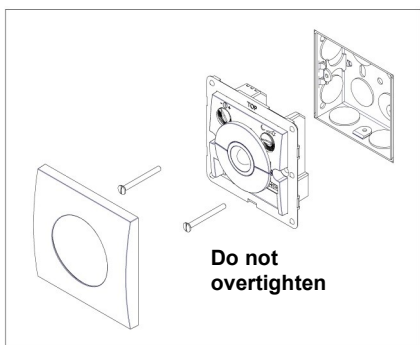


Compatible with all BS4662 dimensions back boxes.

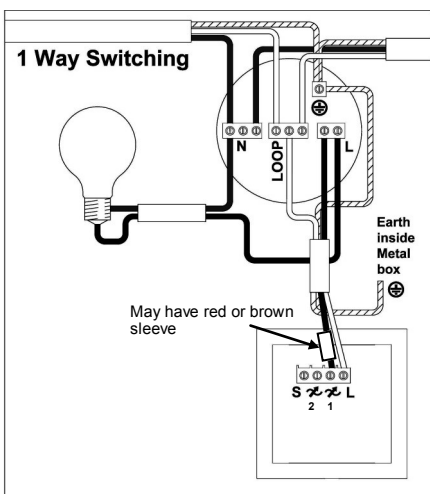
Remove top and bottom lugs if fitted.

Use the extender if there is less than 25mm free space.

REMEMBER—put the wires through the extender before connecting

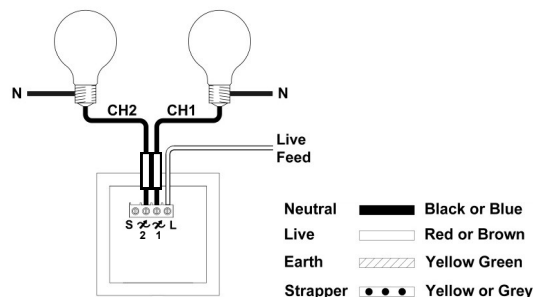


## wiring—1 way switching



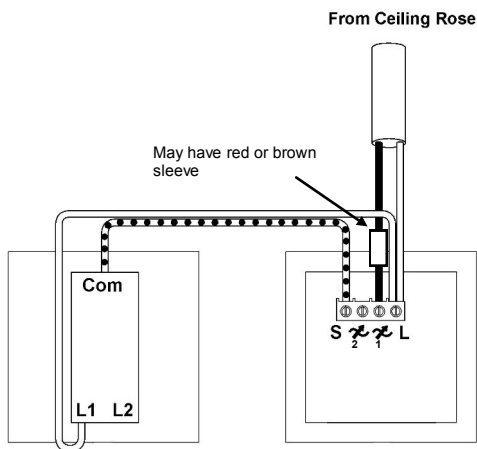
If the lights are controlled from one location only, wire as in the diagram. The diagram shows a single output being used—for two gang switching simply duplicate using the other output.

### 2 Gang

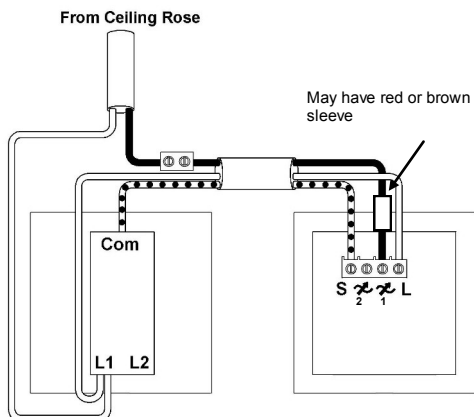


Where lighting is switched from more than one location, this unit can be used with another single gang light switch. N.B. do not use with another dimmer switch. Depending on the installation, wire using one of the diagrams below.

## 2 Way Switching—A

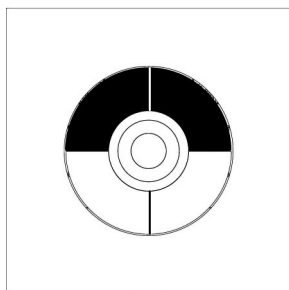


## 2 Way Switching—B



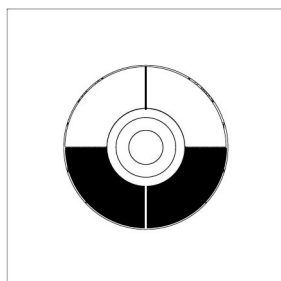


## operation



Short press left or right —lights on output 1 or 2

Long press left or right —lights dim up output 1 or 2



### **When lights on**

Short press left or right—lights off output 1 or 2

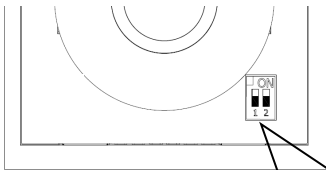
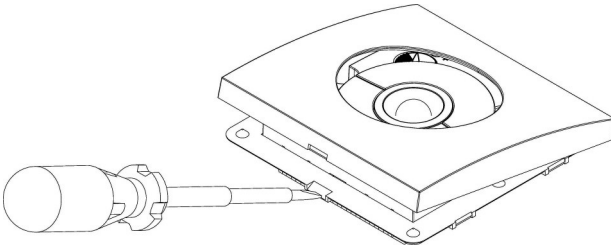
Long press left or right—lights dim down output 1 or 2

### **When lights off**

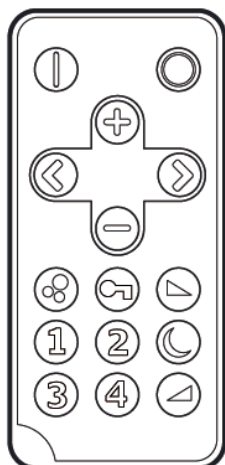
Long press—change brightness of green-i locator



Remove front cover



|  |  |
|--|--|
|  | Security mode activated. 4 hours time selected (see remote handset for details).             |
|  | Security mode deactivated (can be overridden by remote handset).                             |
|  | Master reset. Flick switch on then off within 2 seconds to restore factory default settings. |
|  |  |



turn lights on



turn lights off



dim up



dim down



set lights to preset scene number

To set scene levels:

- adjust lights to desired level on each output
- store scene using this sequence



set

scene

scene number



**Soft on** – how quickly the lights turn on

- 1 Immediate
- 2 2 sec
- 3 7 sec
- 4 depends on measured light level. If it is very dark, the lights will dim the lights up slowly for maximum user comfort.



**Soft off** – how quickly the lights turn off

- 1 Immediate
- 2 2 sec
- 3 7 sec
- 4 10 sec



### **Overload protection**

An internal temperature sensor on the device ensures that if the unit is overloaded or the ambient temperature rating is exceeded then no permanent damage is caused to the unit. When an excessive temperature is measured, the output will dim down until the correct temperature is restored. The green-i locator will flash to warn that this is happening.

### **Adaptive dimming control**

To enable the correct dimming level to be selected easily by the user, the off button is disabled for a short period of time during adjustments, enabling it to be used just for down control.

### **Security mode**

If your house is vacant and you want the lights to give the impression that someone is in, use the security mode. Shortly after it gets dark outside (15 minutes) the lights will turn on, and then turn off after a preset period of time. The dimming level for security mode will be the last level used or 50% whichever is greater.

### **Soft on**

To prevent the discomfort of bright lights turning on when you wake up, this mode senses the daylight level and if it is very dark will dim the lights up slowly for maximum user comfort.



## troubleshooting

The unit gets warm when on

- It is completely normal for the front of the unit to feel slightly warm.

The lights won't dim up or down or flicker

- Are they compatible—see the guide on the first page?
- Is the total wattage higher than the minimum load?
- Ensure that when using low voltage lighting the transformer is dimmable

The green-i locator is off or dim

- This is only on when the lights are off
- The brightness of the locator can be changed by pushing and holding the down button when the lights are off



## ratings

|             |                             |
|-------------|-----------------------------|
| Voltage     | 230VAC +/- 10%              |
| Frequency   | 50Hz                        |
| Temperature | 0°C to 35°C                 |
| Power       | see ratings on front page   |
| Compliance  | BS EN60669-2-1 & BS EN55015 |



EU registered design no. 000638069-0003, 000638069-0004

### **IMPORTANT NOTICE!**

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE wiring regulations.



FM 45789



EMS 534520

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Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.

Ref #WD279 Issue 2