

Digilux

Modular Lighting Control

Operation Manual v1.1

Contents:

1 x Digilux control back box

2 x M3.5mm fixing screws

1 x Polycarbonate faceplate

Compliance and Standards:

The Digilux products use a IEEE 802.15.4 Zigbee mesh network to build and secure communications between all end points to allow wireless control.

The product complies with all the basic requirements and other relevant provisions of the 1999/5/EC directive using TUV CE standard and process. For full details of this please contact support@orcomm.com.

Operation is subject to the following two conditions:

(1). This device may not cause harmful interference, and (2) this device must accept and interference received, including that may cause undesired operation.

Installation of the product must be carried out by a qualified person conforming to all standards set out by law of installed country.



Before you start:

Confirm that the devices are installed as per the installation manuals. These can be found online at www.orcomm.com/downloads

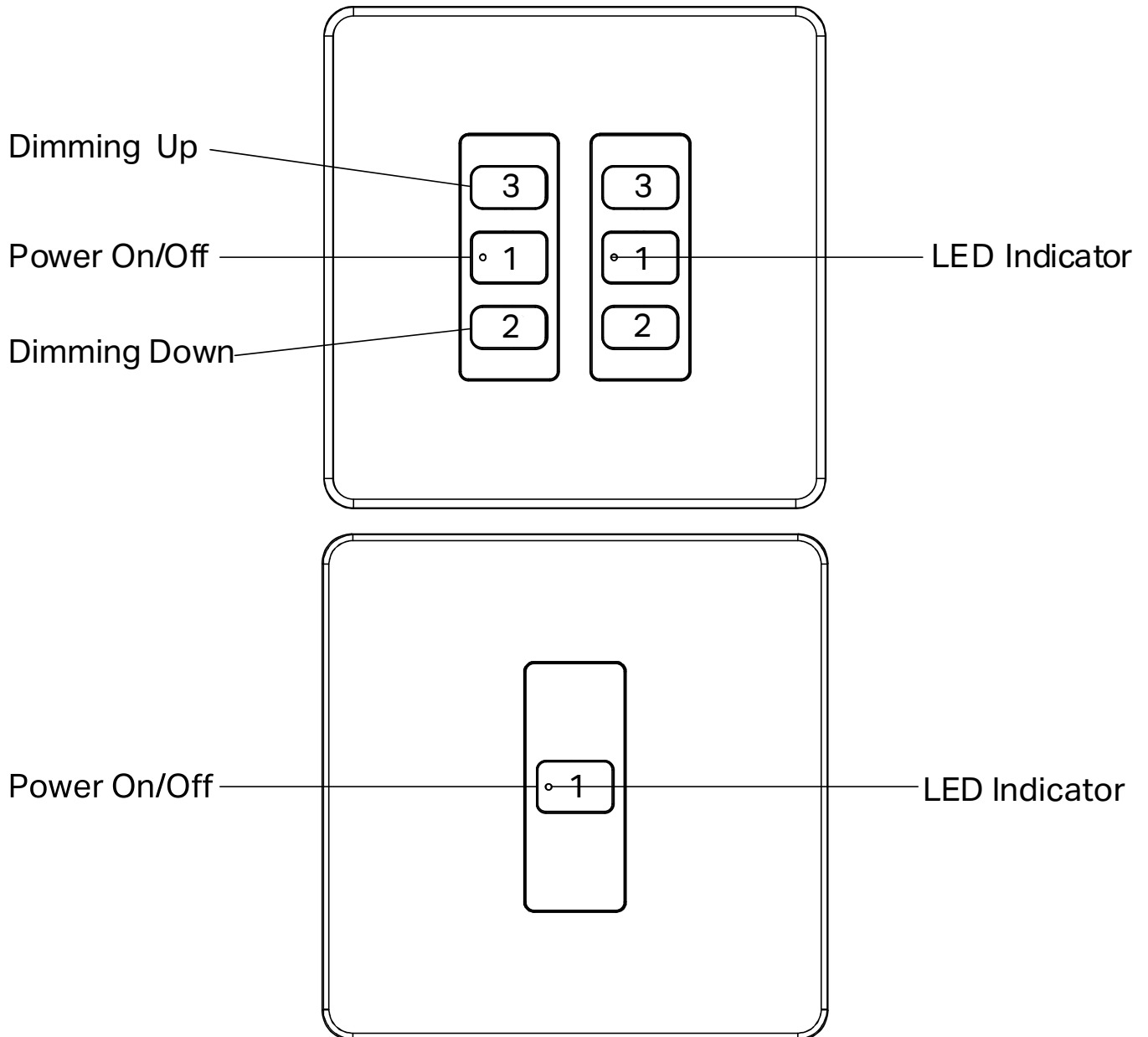
The following information can be used and applied to the entire Digilux lighting control range, not just the 1 Gang seen.

Areas covered:

- Dimming mode change
- Master and slave functions
- Upper and lower dimmer range trim
- Smart home pairing to gateway or smart screen
- Preset levels

Not all functions are applicable. Functions are depending on module type.

Button Assignment:



Dimming Mode: Trailing / Leading Edge:

THE DEFAULT DIMMING MODE IS TRAILING EDGE.

Use this function to change the method of dimming. The method used will depend on the light source that is being used. Please refer to the lighting manufacturer datasheets/manuals.



15 Sec

To toggle the dimming mode between trailing and leading edge, press and hold "Power On/Off" for 15 Seconds.

LED indicator: Off followed by solid 3 seconds = Leading

Off followed by flash 3 seconds = Trailing

Dimming Trim: Upper / Lower

Every lighting manufacturer's product has its own dimming bands. Use this function to trim out and 'dead band' where no visible light changes happen when pressing "Up" or "Down".

Upper Limit

Press and hold "Up" and "Power" for 3 seconds
LED will blink rapidly.

Using the "Up" and "Down" buttons, set the light level output to a level that is considered as maximum light output. Where the highest level of light is achieved, do not go beyond this.

Press the "Power" button to save setting.
LED will blink 3 times to confirm.



Set maximum level



Press to save

Lower Limit

Press and hold "Down" and "Power" for 3 seconds.
LED will blink rapidly.

Using the "Up" and "Down" buttons, set the light level output to a level that is considered as minimum light output. Where the lowest level of lighting is achieved, do not go beyond this.

Press the "Power" button to save the setting.
LED will blink 3 times to confirm.

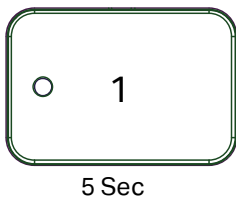
Please note, setting this too low might make the light output unstable.



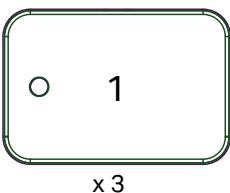
Smart Home Pairing:

To use the Digilux switch with the Orcomm lighting gateway or smart screen, it needs to be paired together. To do this, the unit needs to be set to 'Discovery' mode.

Ensure that the gateway or smart screen is in setup mode before continuing. Refer to the individual product manuals to see how to do this.



To enable discovery mode, press and hold "Power" for 5 seconds.
The LED indicator will start to blink.



Press "Power" 3 times
LED indicator will blink 2 times.

Once the unit has been successfully paired with the gateway or smart screen, the LED indicator will blink 3 times.

Multi-Way Control:

To allow multi-way control of the lighting circuit, the selected modules will need linking together using the smart gateway or the smart screen. No connection between the switches is needed.

Master - The unit where the lighting circuit is terminated.

Secondary - The remote module that is used to control the master unit.

*See user manuals for the lighting gateway or smart screen for more information.

Dimming:

Dimming Up:



Single pressing "Up" increases light levels in 10% steps.
Press and hold "Up" increases light level in 2% steps
LED will blink when the maximum level is reached.

Dimming Down:



Single pressing "Down" decreases light levels in 10% steps.
Press and hold "Down" decreases light level in 2% steps
LED will blink when the minimum level is reached.

Warranty:

Orcomm provides warranty for this product against defects due to workmanship or materials, but does not cover damage or breakdown due to; normal wear and tear, abuse, improper maintenance, disassembly of parts, scratches to the finish (normal wear and tear), attempted repair, natural disaster and force majeure.

The warranty excludes among other item; installation, providing access to products and special incidental and consequential damages. (Loss of revenue / profits, damages to property or miscellaneous cost not previously mentioned).

Subject to the conditions as set forth by the "Conditions of warranty" and set forth hereunder, the purchaser receives the RTB warranty for the applicable period of 2 years.

Conditions of Warranty:

This warranty covers products within their intended or normal use as defined by the following:

- Operation conditions are in accordance with the information on the product, datasheet and its packaging.
- The warranty period starts from the date of invoice.
- The products have been properly installed and operated in accordance with the manufacturer's instructions.
- Adequate records of operating history are retained and available to the manufacturer for review.
- We will have access to the defective product, if the product or other components become suspect, then we have the right to evaluate the lighting system with the assistance of a third party.
- Ambient temperature never exceeds the operation temperature range of -10°C to +40°C.
- Relative humidity in the installation location never exceeds the range of 20% - 85% RH.
- Products are not subjected to more than 50,000 switched cycles.
- The electrical installation in which the product operates is not subjected to voltage fluctuations in a range exceeding 230 VAC +/- 10%.
- Labour cost for installation or de-installation of the products are not covered under this warranty.
- Orcomm cannot be held liable for electrical supply conditions, including spikes, over / under voltage and ripple current control systems that are beyond the specific limits of our products and those defined by relevant installation and environmental standards.

Warranty Claims:

Orcomm Warranty claims have to be reported to Orcomm within 20 days of discovery, specifying the following information: Part code, batch number, installation date, number and percentage of failures, application, hours used and estimated number of cycles.

Maintenance of Devices:

Keep the surface clean with a dry cloth or appropriate cleaner containing no acids, benzene, thinners or solvents. The use of the above may cause damage to the casing or the surface finish / colour.

Failure to follow these directions, could invalidate all warranties.

Returns Policy:

Return shipping even if the item is defective should be paid for by the buyer.

We do not provide any refunds as per our terms of sales.

Full details of returns are covered in our standard terms of sales agreed to upon account opening.

Operating and further information:

Full operation and user manuals are available from www.orcomm.com/downloads

Support and Aftercare:

In the event of support or aftercare please email support@orcomm.com

Dimming Performance:

Orcomm cannot be held liable for dimming performance due to 3rd party lamps, environmental factors, power supply and site configurations.

It is highly advised that the performance testing is undertaken with the chosen light sources, before permanent installation takes place.