

# MiHome Dimmer

## Quick Start Guide



The Dimmer is part of the MiHome home automation range and allows you to achieve desired light levels. The product can be controlled manually via the push button. Used with a MiHome Gateway (MIHO001) registered to a MiHome account, it can also be controlled remotely via a mobile app or through a browser.

### In the Box:

Dimmer, Screw Fittings, User Guide

### Compatibility

We recommend incandescent & halogen bulbs which are 250W max, or dimmable LED bulbs which are maximum 50W in total and not exceeding 6 bulbs per Dimmer. Not suitable for fluorescent, non-dimmable LED and CFL bulbs or any light requiring line drivers.

### Installation

This device operates at UK mains voltage levels, therefore, we advise installation from a competent, qualified person. It can fit into a 25mm metal pattress or 35mm dry lining pattress box, but not into a 4 lug box.

**NOTE:** Can only be used in a two way switching configuration with a MiHome slave switch. Using any other switch as a slave will damage the Dimmer.

### IMPORTANT:

Applicable in England and Wales, where the installation of this product falls under the scope of the Building Regulations requirements for Part P, the installation must be carried out by registered competent persons, and work should be designed and installed, and inspected, tested and certificated in accordance with BS 7671.

Applicable in Scotland, where the installation of this product falls under the Building (Scotland) Act, a Warrant may be required and advice should be sought from LABSS (Local Authority Building Standards Scotland). We recommend that a competent qualified person is used for all installations of this product.

### Pairing with the MiHome Gateway

In order to control your Dimmer from a mobile app, or from a browser, it needs to first be paired with the MiHome Gateway, as follows:

#### Pairing via the App on your Smartphone

1. Log into your MiHome account on the MiHome App
2. Ensure there is power to the dimmer, and the dimmer is switched off.
3. Select "Add new device" and then choose "Dimmer".
4. Follow onscreen pairing instructions, pressing the dimmer button when required for at least 8 seconds until the LED begins to flash, and then release.
5. The LED will flash rapidly for a few seconds to indicate that the dimmer is being paired, the LED will go off when this is complete.

6. Dimmer should now be visible in the device list (may take a few seconds depending on network speed).

#### Pairing via a Browser

1. Log into your account at [www.mihome4u.co.uk](http://www.mihome4u.co.uk).
2. Ensure there is power to the dimmer, and the dimmer is switched off.
3. Select "Pair New Device", then click on the "Dimmer" icon from the available options. Next click the "Pair Device" button.
4. Follow on-screen pairing instructions, pressing the dimmer button when required for at least 8 seconds until the LED begins to flash, and then release.
5. The LED will flash rapidly for a few seconds to indicate that the dimmer is being paired, the LED will go off when this is complete.
6. Dimmer should now be visible in the device list (may take a few seconds depending on network speed).

**NOTE:** A single press of the button while it is flashing will take it out of pairing mode. The Dimmer can be paired with up to 3 separate Gateways. Further attempts to pair will overwrite previous pairings.

#### Reset

1. Resetting the dimmer will clear the memory of all paired devices.
2. Ensure there is power to the dimmer, and the dimmer is switched off.
3. To reset the dimmer, press and hold the button for 30 seconds, until the LED has returned to off. During these 30 seconds, the LED sequence will be, Off => Slow Flash => On => Quick Flash => Off.

#### Manual operation

A single short press of the button on the front of the housing will simply toggle the Dimmer on or off at the previous light level. Holding the button down will cycle through the available light levels.

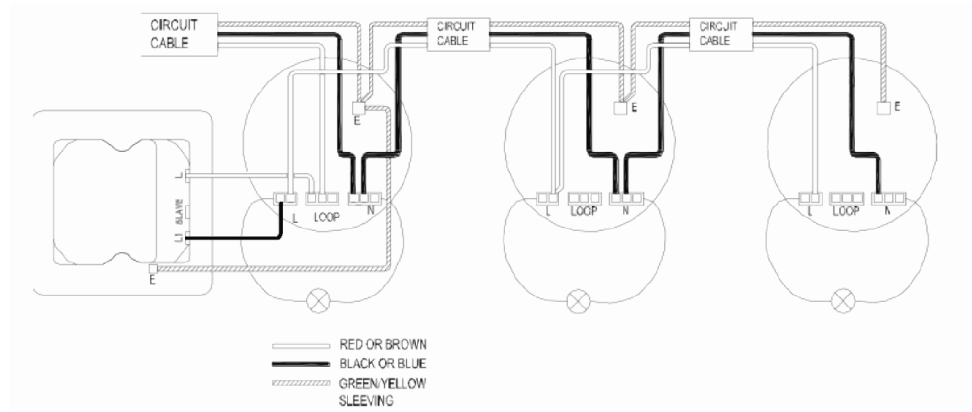
#### Disposal

The outer box of the packaging is 70% recycled material from managed forests and is 100% recyclable. Do not dispose of the Dimmer with regular household waste. You must take electronic equipment to a local recycling centre to be disposed of in line with current regulations.

#### Safety

You must only use the product in dry areas indoors, and it must be protected from moisture and water. Do not disassemble, other than as described in the installation section of this user guide, as it does not contain any parts to service. This device and associated software are for use solely in domestic, commercial and light industrial environments, and should not be used in applications which require safety critical, or high risk applications. For more information please see the full user manual for this product.

## Installation Example



### Technical Specification

- Rating: 220 - 240V - 50Hz, 1A, 250W max.
- Terminal Connections: L (Line in), L1 (Line out), Slave (MiHome only)
- Radio: 433.92MHz ISM short range
- Range: Approx. 15-20m in closed; 30m in open area
- Operating temp. : -5°C to 40°C
- Storage temp. : -20°C to +60°C
- Mounting: 25mm metal pattress; 35mm dry lining
- Size (HxWxD): 85mm x 85mm x 28mm; Weight: 95g
- Protection class: IP20

### Further Help

If you have any questions regarding your product or you believe it to be faulty, please visit [www.mihome4u.co.uk/troubleshooting](http://www.mihome4u.co.uk/troubleshooting) and/or [www.energenie4u.co.uk](http://www.energenie4u.co.uk) where you can download a more comprehensive user manual, or contact us directly on tel: **08000 469 466** or e-mail: [support@mihome4u.co.uk](mailto:support@mihome4u.co.uk).

### Simplified EU Declaration of Conformity

Hereby, Sandal Plc, T/a Energenie declares that the radio equipment type MIHO010 Dimmer is in compliance with the following Directives: 2014/53/EU Radio Equipment Directive (Article 3.1 a & b, and 3.2), 2012/19/EU Waste Electrical and Electronic Equipment (WEEE) Directive & 2011/65/EU Restriction of the Use of Certain Hazardous Substances (RoHS) Directive Recast.

The full text of the EU declaration of conformity is available within the full user manual which can be downloaded at the following internet address: [www.energenie4u.co.uk](http://www.energenie4u.co.uk)

The Technical Construction File required is maintained at the company headquarters at 5 Harold Close, The Pinnacles, Harlow, Essex, England, CMI9 5TH.

### Warranty

If you do not install the product and use it in line with this guide the warranty will become invalidated and we will not be liable for any damage or loss whatsoever, including indirect loss, damage to property or personal injury. Your statutory rights are not affected.