

MiHome Light

Quick Start Guide



This is a radio controlled switch for the switching of mains power to lighting and appliances up to 250W. Only the Line is switched to the load. Switching is initiated either by radio control or manually by pressing the button on the housing. It is compatible with MiHome Remote Control (MIH0003) and the MiHome network. It is a receive-only device operating in the 433MHz ISM short-range band using OOK modulation.

In the Box:

Light Switch, 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 switch. 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 switch.

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 certified as follows:

- Self-certification by a registered competent person
- 3rd-party certification by registered 3rd-party certifier
- Building control body

For an installation that is not notifiable according to the Building Regulations Part P, 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 even if the installation is deemed to be minor works and non-notifiable for the purposes of the Building Regulations. Non-notifiable electrical work can present a risk to safety. If qualified electricians carry out the work they should give you a Minor Works Certificate, which means that they have tested the work to make sure it is safe. If you do the work yourself you may wish to engage a qualified electrician to check it for you. Note that it is the owner of the property who has the legal liability for complying with the Building Regulations.

Pairing

To control Switch remotely it must be paired with a controlling device such as MiHome Remote Control or MiHome Gateway.

Pairing with MiHome Remote Control

To set the unit into pairing mode, press and hold the button on the front of the light switch housing for 5 seconds or so until the lamp on the front starts to flash.

NOTE: A single press of the button while it is flashing will take it out of pairing mode.

Point the hand controller at the light switch at a range of up to 2m and then press and hold the chosen "ON" button on the remote handset for 2 seconds or so. You should see the lamp on the Light Switch housing flash more quickly for a brief period indicating the pairing has succeeded.

Pairing with the MiHome Gateway

Select the Light Switch from the list of devices to pair from your MiHome account and follow the on-screen pairing instructions.

NOTE: The Switch can be paired with up to 5 separate controllers – remote controls and Gateways alike. Further attempts to pair will overwrite previous pairings.

Remote Control Operation

Once paired with a remote controlling device the unit can be switched on and off with that controller. With the Energenie hand controller it can be controlled with the on/off buttons to which it is paired and the all on/off buttons by pressing and holding the chosen "On" or "Off" button on the remote handset for 1 second. Follow instructions on the MiHome app or MiHome server to control the device. You can program it to switch with conditions such as events and time of day.

Manual Operation

A single short press of the button on the front of the housing will simply toggle the switch on and off.

What the push button does

- Single short press to toggle power on/off
- Long press - 5 secs: Learning mode (slow LED flash)

What the LED indicator lamp means

- Red = ON, off = OFF
- Slow flashing = pairing mode
- Quick flashing = pairing accepted

Disposal

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

Safety

If you do not install and use 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. You must only use the product in dry areas indoors, and it must be protected from moisture and water. Do not disassemble as it does not contain any parts to service. If it arrives faulty, return it to where purchased.

Technical Specification

- Rating: 220 - 240V- 50Hz, 1A, 250W max.
- Terminal Connections: L (Line in), LI (Line out), Slave (MiHome only)
- Manual control: Push Button
- Indicator lamp: Red LED
- Radio: 433.92MHz ISM short range; OOK, simplex one way; 2400 baud at 4800 bit/s; Manchester encoding
- Range: Approx. 15-20m in closed; 30m in open area
- Operating temp. : -5°C to 40°C
- Storage temp. : -20°C to +60°C
- Housing: White plastic (MIHO08); Black Nickel (MIHO24); Chrome (MIHO25); Brushed Steel (MIHO26)
- Mounting: 25mm metal pattress; 35mm dry lining
- Size (HxWxD): 85 x 85 x 28mm; Weight: 95g
- Protection class: IP20
- Approvals: EN 60669-2-1, EN301489-1, EN301489-3

Troubleshooting

For further help please visit mihome4u.co.uk/troubleshooting or email support@mihome4u.co.uk

Remote Control Operation

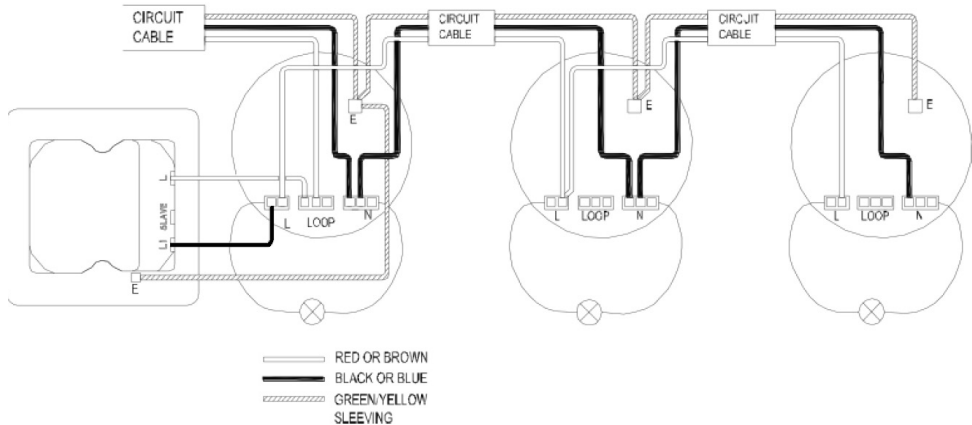
2011/65/EU Restriction of the Use of Certain Hazardous Substances (RoHS) Directive Recast

The unit complies with all essential requirements of the above referenced specifications and directives and has been issued a CE mark as per directive 93/98/EEC. The Technical Construction File required is maintained at the company headquarters at 5 Harold Close, The Pinnacles, Harlow, Essex, England, CMI9 5TH.

Other Notices

THIS DEVICE AND ASSOCIATED SOFTWARE ARE NOT DESIGNED, MANUFACTURED OR INTENDED FOR USE OR RESALE FOR THE OPERATION OF NUCLEAR FACILITIES, THE NAVIGATION, CONTROL OR COMMUNICATION SYSTEMS FOR AIRCRAFT OR OTHER TRANSPORTATION, AIR TRAFFIC CONTROL, LIFE SUPPORT OR LIFE SUSTAINING APPLICATIONS, WEAPONS SYSTEMS, OR ANY OTHER APPLICATION IN A HAZARDOUS ENVIRONMENT, OR REQUIRING FAIL-SAFE PERFORMANCE, OR IN WHICH THE FAILURE OF PRODUCTS COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE (COLLECTIVELY, "HIGH RISK APPLICATIONS"). YOU AGREE AND ACKNOWLEDGE THAT YOU HAVE NO LICENSE TO, AND SHALL NOT (AND SHALL NOT ALLOW A THIRD PARTY TO) USE THE PRODUCT IN ANY HIGH RISK APPLICATIONS, AND WHERE PERMITTED BY LAW SANDAL PLC SPECIFICALLY DISCLAIMS ANY WARRANTY REGARDING, AND ANY LIABILITY ARISING OUT OF, HIGH RISK APPLICATIONS.

Installation Example



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User Manual
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