Mi|Home House Monitor

User Guide

The **Mi**|Home House Monitor is part of the **Mi**|Home home automation range. This allows you to monitor the power and energy usage of your entire home.

The Monitor sensor clamps onto your mains power cable by the electricity meter and sends power readings to your **Mi**|Home network via short-range radio signals from its transmitter unit.

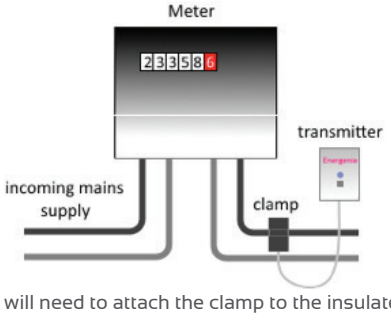
This then allows **Mi**|Home to calculate the energy you are consuming in your property over time.

In the Box:

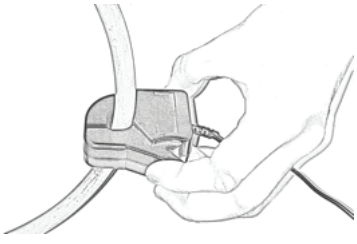
- 1 x current clamp and mounting plate
- 1 x transmitter unit
- 3 x AA batteries
- User guide

Installation

Remove the cover on the battery compartment of the transmitter and insert the batteries - observing the correct polarity. Replace the cover. Then plug the clamp cable into the socket marked **L1** in the transmitter unit.



You will need to attach the clamp to the insulated live-feed cable between your electricity meter and your consumer unit. This cable is usually on the right hand side of the meter (as in the diagram). You can also attach to the incoming live supply on the left hand side of the meter if more convenient.



DO NOT ATTEMPT TO ATTACH TO THE CABLE IF THERE IS ANY OBSERVABLE DAMAGE TO THE CABLING. CALL IN A QUALIFIED ELECTRICIAN!

The installation requires no modification of your existing arrangement or cutting of cables.

Fix the transmitter unit to the wall or suitable mounting point.

Pairing the Monitor with the Gateway

To use the adapter in your **Mi**|Home system it must be "paired" with your **Mi**|Home Gateway.

Please ensure that your device is in range of the Gateway when you pair it. We suggest 10 meters and as unobscured (e.g. by furniture or walls) as possible.

You have two options to pair your Monitor to the Gateway: either via a web browser or using the **Mi**|Home App.

You will need to create an account and install the **Mi**|Home Gateway before pairing the Monitor.

Via a Browser

Select the option to pair a new device and choose the **Mi**|Home House Monitor to be paired.

Follow the instructions to hold down the button on the front of the housing of the adapter until you see the device appear on the screen as being paired.

Via the Mi|Home App

Follow the instructions on the screen when you run the App to pair the **Mi**|Home House Monitor.

If you are having trouble with the range you may need to move the Gateway closer to the transmitter unit or move any intervening obstruction that may affect the signal.

Using the Dashboard

You can view and control your paired device by selecting the Dashboard option on your App or via a browser.

Technical Specification

- Power Source: 3 x AA batteries, heavy duty
- Transmission Frequency: 434.300 MHz
- Tx duty cycle: <10%
- Modulation: FSK, Manchester encoded
- Transmission Interval: 10s
- Protocol: OpenThings
- Output: Apparent Power (VA), Battery Level (V)
- Max. power reading: 7200VA
- Operating temperature: 0°C to 40°C
- Storage temperature: -40°C to 85°C
- Location: Indoor use only
- Clamp aperture: Ø 14mm

Troubleshooting

- **1.** Any local source of radio noise may effect operation of the system. This may include poorly regulated fans or other devices running electric motors, noisy power supplies or other low quality electrical and electronic equipment including LED lights.
- **2.** If your attempt to pair the transmitter unit fails please try again. Occasionally the signals between devices may be subject to noise or other outside interference which is common for radio systems of this nature.
- **3.** The range of communication between your Gateway and the device will be affected by anything in between that may obscure the signal such as furniture, walls, ceilings, windows, doors etc.

For further help please visit **mihome4u.co.uk/ troubleshooting** or contact us at **support@mihome4u.co.uk**

Declaration of Conformity

Sandal Plc trading as Energenie declare under our sole responsibility as importer that the product:

Model: MIHO006 is in accordance with the following Directive(s):

2006/95/EC	Low Voltage Directive (LVD)
2014/53/EC	R&TTE Directive (Article 3.1b and 3.2)
2002/96/EC	Waste Electrical and Electronic Equipment (WEEE) Directive
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, CM19 5TH.

Caution

Please be aware that any changes or modifications not expressly approved in this user guide will void the warranty on this equipment.

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