

User Guide

ENERGY MANAGER



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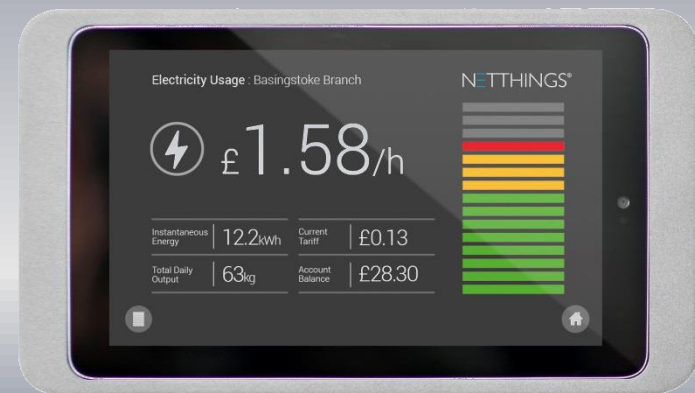
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EFFORTLESS CONTROL



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ENERGY MANAGER USER GUIDE



SOFTWARE VERSION C 1.2.2

200SM036 version 1.4

Energy Manager – Quick Start Guide

WELCOME TO YOUR NEW NETTHINGS ENERGY MANAGER

We hope you find it very useful in keeping you up to date with your household energy spend. Take some time to get familiar with the product and learn about its display functions and how it will provide you with information which will assist you save on your energy bill

Energy Manager for the home is a sophisticated but low cost, mains powered energy monitoring solution that saves money by helping you reduce your energy consumption.

The mounted display is the user interface for the connected utilities and will be your gateway to your energy consumption and spending information.

The system works independently from your utility provider, they have no control over the device, however it uses the utility meters to calculate your energy consumption and calculate your spend.

The system can be wired with up to six inputs for measuring electricity, gas, water, district heating schemes or to monitor the electrical output from solar PV systems.

On-going energy consumption and costs are stored continually within the system and viewed on your home display showing real time energy usage or historical consumption information.

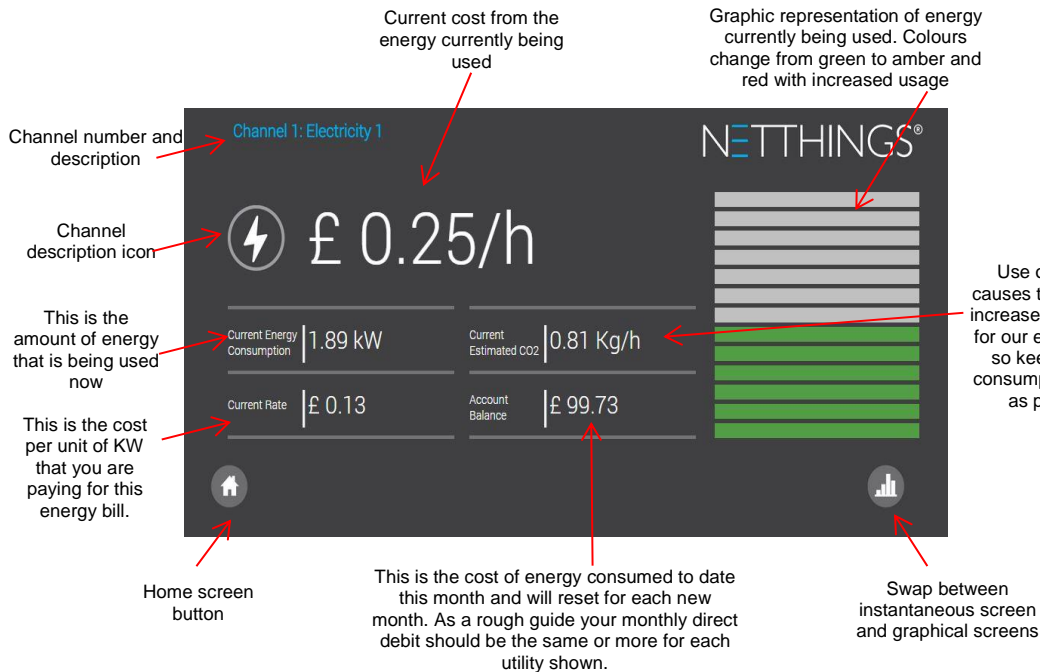
No connection to your existing broadband is required.

We are continually improving and releasing new and exciting changes to our product, so keep yourself up to date by visiting

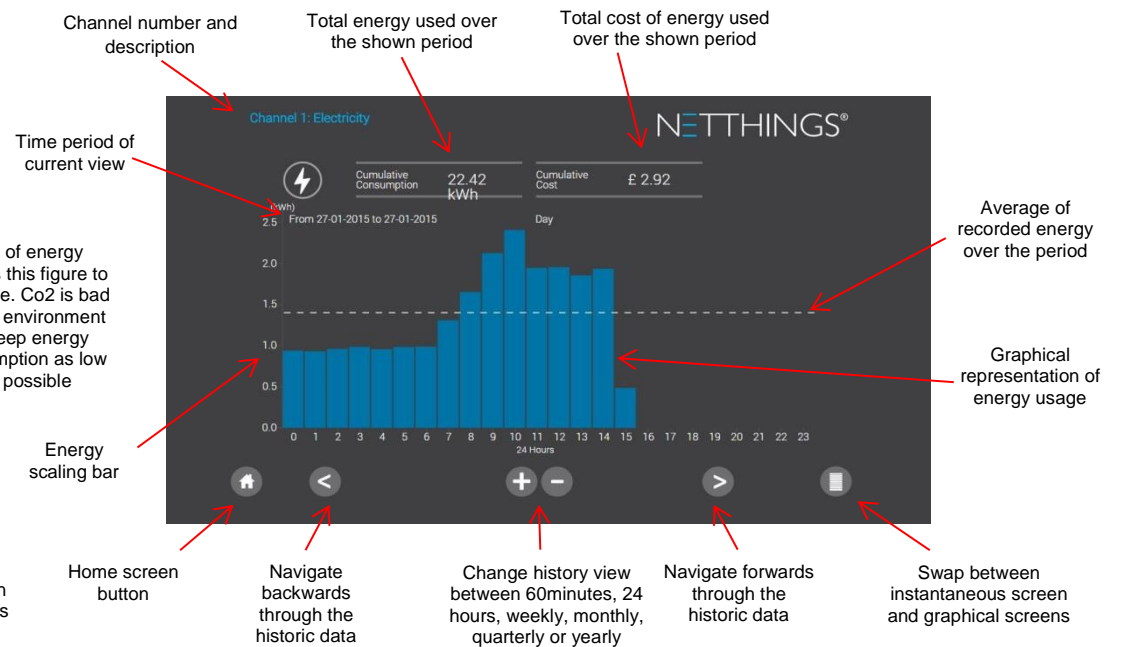
www.netthings.co.uk

INFORMATION DESCRIPTIONS

There are two screens that will be shown for each connected channel
The first shown below gives general information about your energy use.



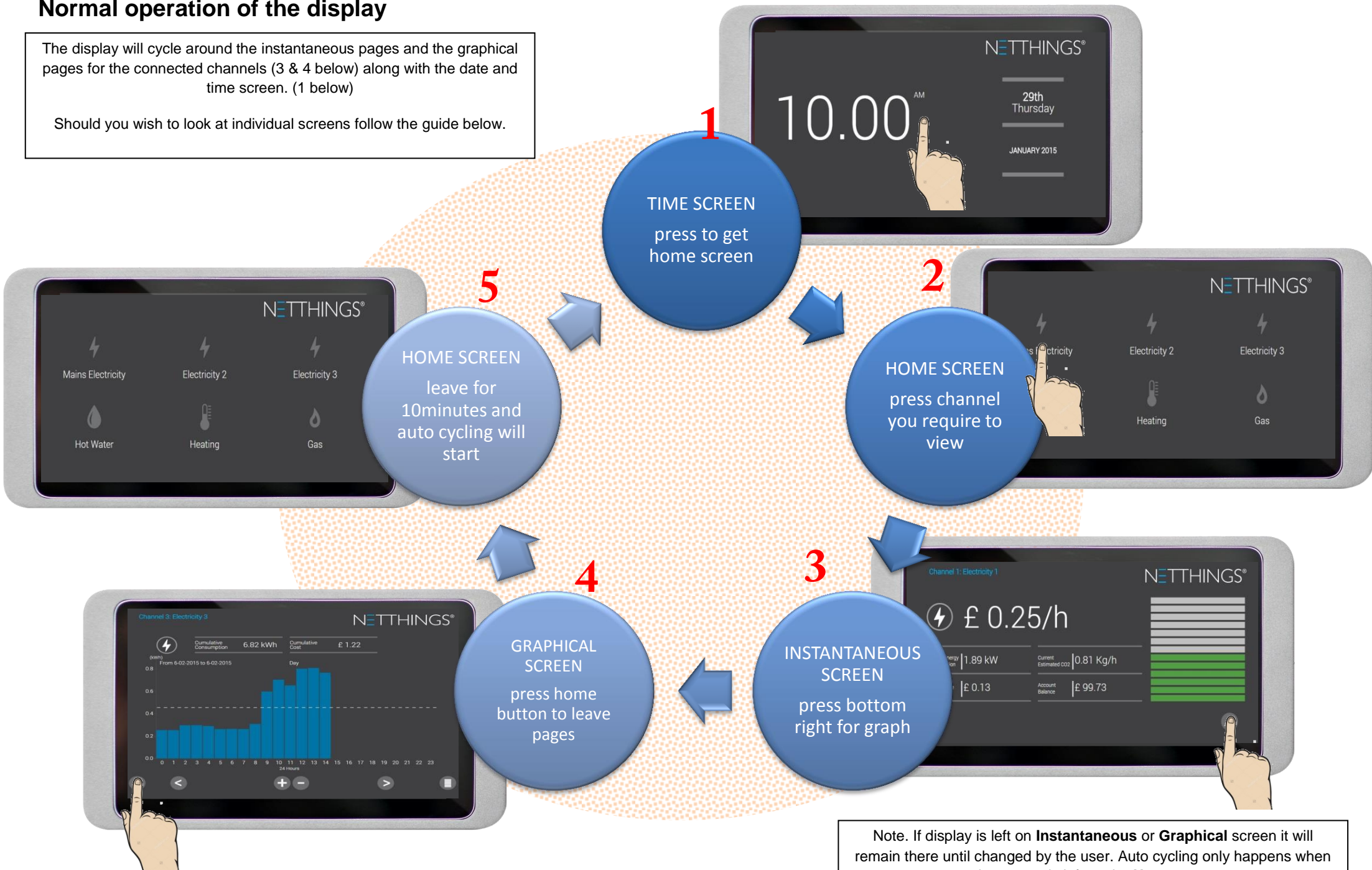
The second screen, shown below gives a breakdown of historic energy consumption over time and this will be at default setting of the current 24hour period.



Normal operation of the display

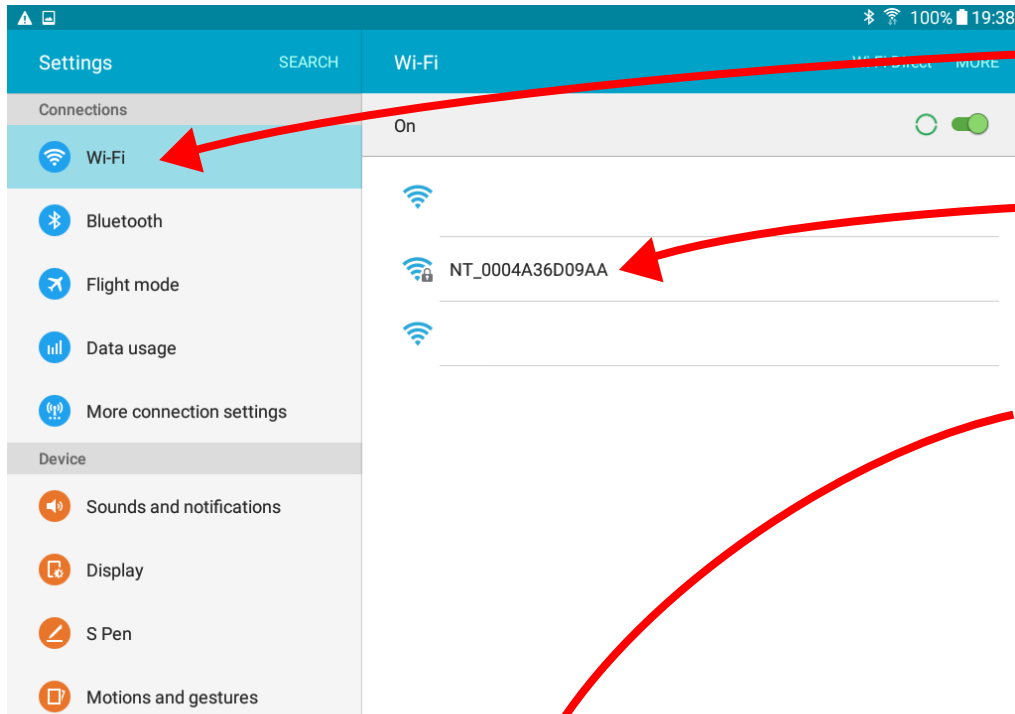
The display will cycle around the instantaneous pages and the graphical pages for the connected channels (3 & 4 below) along with the date and time screen. (1 below)

Should you wish to look at individual screens follow the guide below.



Note. If display is left on **Instantaneous** or **Graphical** screen it will remain there until changed by the user. Auto cycling only happens when the screen is left on the **Home** page

How to see the information on your tablet or PC

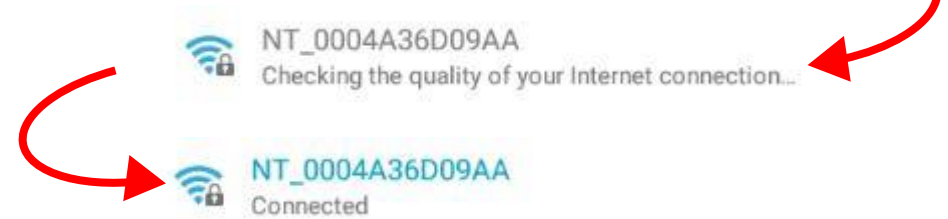


1. Open the settings menu on your device and go to 'Wi-Fi'

2. Select 'Wi-Fi' and look for the signal coming from your Netthings controller which should look like this **NT_0004A36D09AA**
Check your controller label for the correct SSID

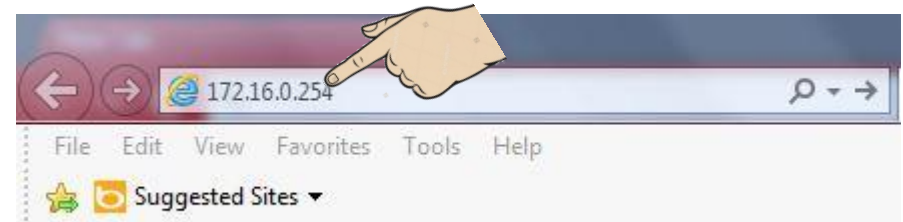
3. Select your Netthings Wi-Fi and enter the password that will be shown on your controller an example is **64be5679c69f**

Your device will now connect to the Netthings controller

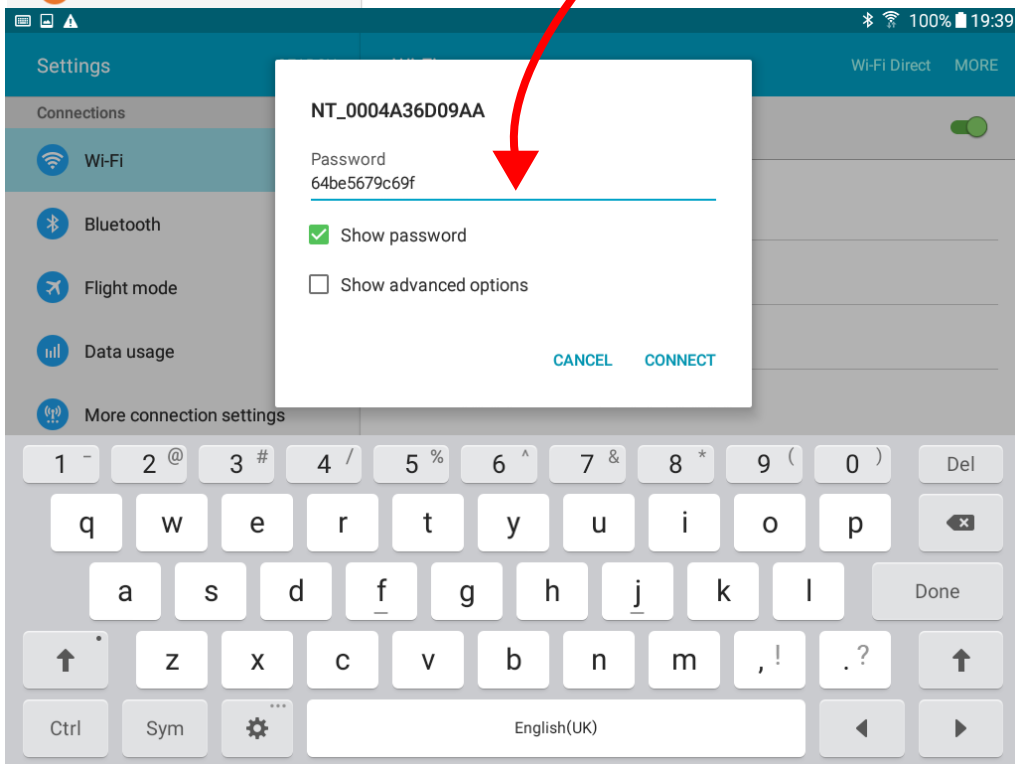


Once connected proceed with step 4

4. Open your web browser application and in the search bar enter this address **172.16.0.254**

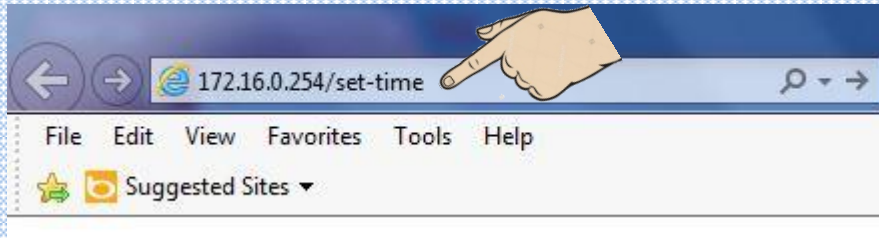


5. Your tablet or PC will now show the screens as seen on the Netthings display and now can be operated from your Wi-Fi device.

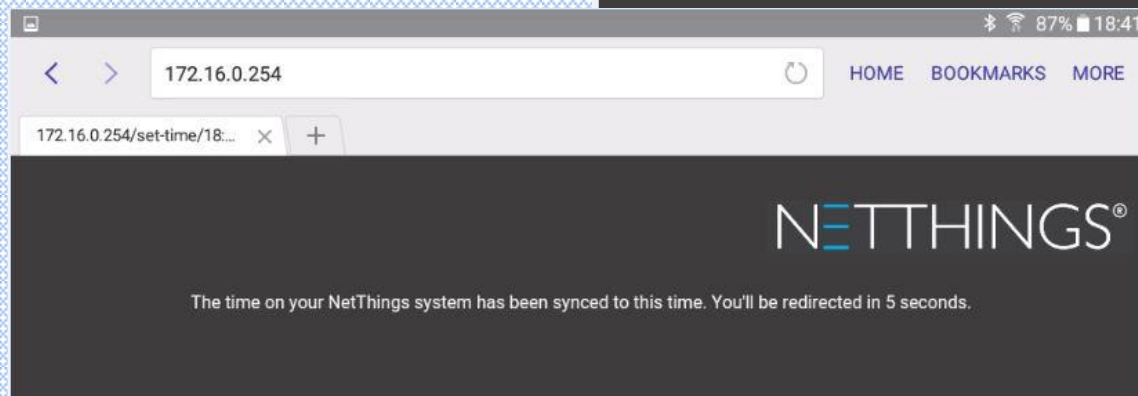
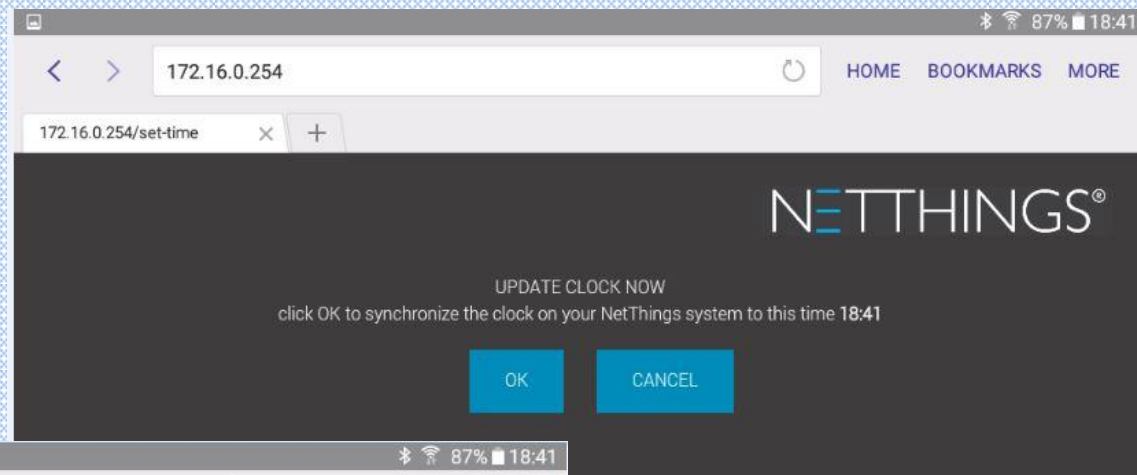


Setting the time on the display

As the controller isn't directly connected to the World Wide Web it cannot be 100% accurate with its internal clock. If you wish to adjust this follow the steps for connecting a tablet or PC but for step 4 enter this address. **172.16.0.254/set-time**

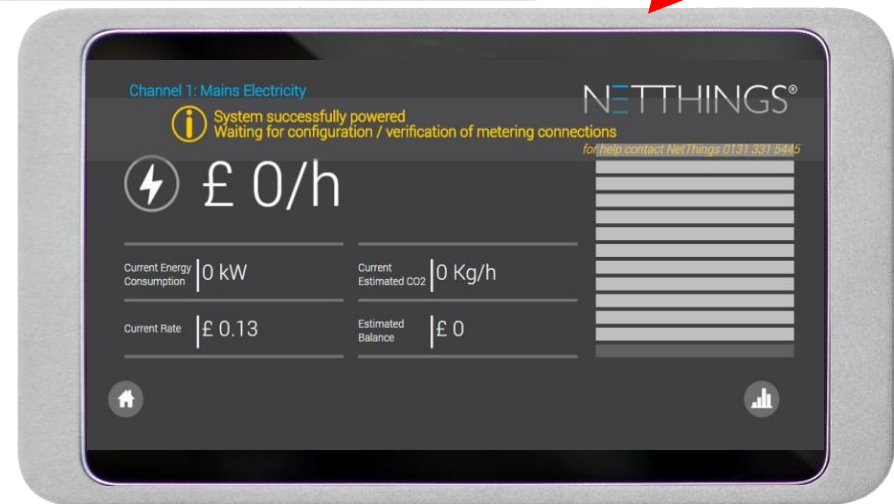
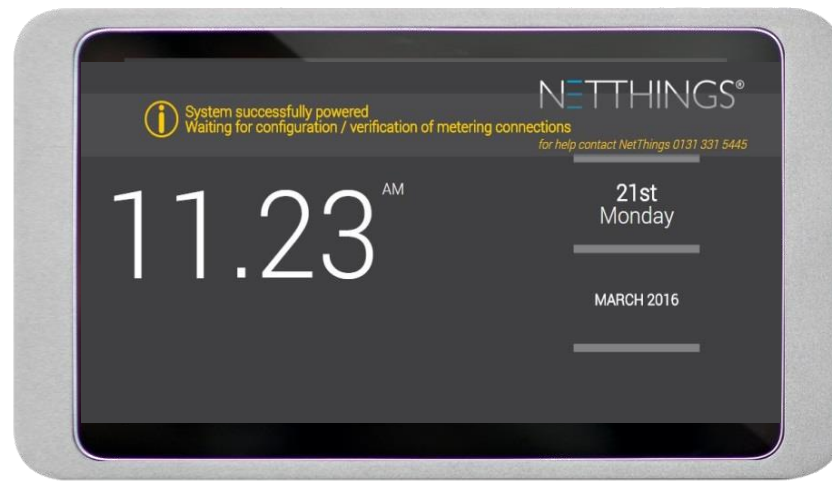


This will show the following screens and allow time to be set correctly.



Yellow Warning Banner Message

If any of the screens on your display show the yellow warning banner then your system may not be correctly setup. Please contact Netthings via the on screen number and we will advise you on this



If this screen is shown then your installer has not completed all installation steps.

Your Energy Manager is not ready for use

Please contact Netthings on the number shown and we will advise you on how to resolve this.

Additional Information

Changing Settings

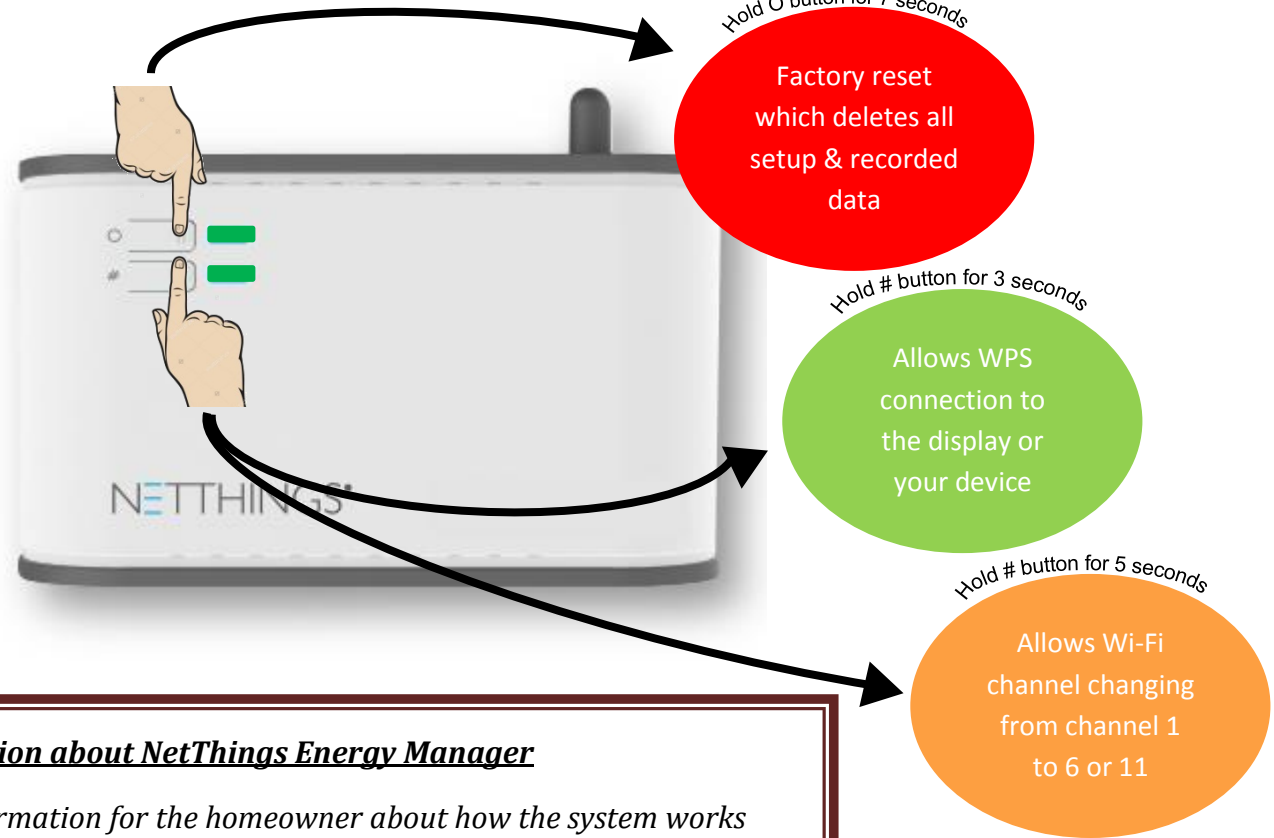
You may wish to change some of the factory settings and fine tune your device to your home. The most common thing that you may wish to change is the tariff setup for your utility supplies. We have set default rates that will allow the system to operate sufficiently but should you want to adjust these, for more information go to

www.netthings.co.uk/support

What do the buttons do?

The controller has two buttons beside the green flashing lights which are mainly used for set up purposes. The illustration shows three functions that can be performed.

The colour of the LED changes and stops flashing momentarily when the buttons are held for the indicated number of seconds



Information about NetThings Energy Manager

We have included this as information for the homeowner about how the system works alongside a home Wi-Fi network.

You do not need to have your home Wi-Fi connected to the Energy Manager system in order for it to function. The system broadcasts its own signal to transfer the information to your home display.

No external World Wide Web pages can be shown on the NetThings home display



CARE AND MAINTENANCE

The NetThings Energy Manager and Display require no regular maintenance. Do not spray with water or any cleaning products, which may damage the surfaces or cause a risk of electric shock.

SERVICE AND REPAIR

This equipment is NOT user serviceable.

Please do not dismantle the unit. For alterations to the connected utilities please consult a suitably qualified electrician. In the unlikely event of a fault developing please refer to the **SUPPORT** section on our website.