

Your Real Time Electricity Monitor is Now Up and Running

Setting Your Clock

To set the clock please follow these steps.

- To set the clock, hold the Centre Button on the Display until the LED flashes. When you let go the screen will clear and the clock hours will flash.
- Use the Up and Down buttons to set the hour - the Monitor has a 24 hour clock. Once the correct hour is selected press the Centre button to accept.
- The minutes will now flash. Use the Up and Down buttons to set the minutes.
- Push the Centre button, and the display will return to normal operation.

Setting Your Electricity Price

Your monitor has been set with an average unit rate of 13.96 p/kWh. If you wish to change this follow these steps.

- Press the Up button for three seconds until the LED flashes and release.
- Push the Up or Down button to change between Euros and Pounds and press the Centre button to confirm.
- The unit price will start flashing. Press the Up or Down button to adjust the price of the electricity first three digits - press the Centre button to confirm.
- Repeat this process to set the last digits - press the Centre button to confirm.
- The display will return to normal operation. Your new electricity price has now been set.

The unit has been set up for single rate meters. If you have a two rate meter such as Economy 7 follow these steps.

- Press and hold the Up and Down buttons together for three seconds until the LED flashes and release
- Use the Up and Down buttons to set your low rate tariff. Press the Centre button to confirm.
- The clock will start to flash. Use the Up and Down buttons to set the time the low rate starts. Press the Centre button to confirm.
- Repeat these steps to set the time for your second rate.
- The display will return to normal operation.

Frequently Asked Questions

Why is my screen showing a series of dashes?

The display needs pairing to the Transmitter – refer to 'Setting Up'.

Why is my screen showing '0 watts'?

The display is ready to use – refer to 'Setting Up' to continue with installation.

My display has a corrupt/no display?

Check the monitor is properly connected to the power supply. If your monitor still does not work properly see the 'Contact Us' section.

My readings don't seem to be consistent with my consumption?

There is a very small chance your Monitor is receiving a signal from another transmitter. Repeat the pairing of your transmitter again.

Why does the data on the display never change?

The unit may not have been set up correctly. You should start the set up process again.

Why does the temperature reading seem too high?

This Display may be too close to a heat source; try moving it to a different location.

Why does the cost seem to be incorrect?

Follow the process in the 'Setting Your Electricity Price' section to set your preferred price.

For more information on setting up your Real Time Electricity Monitor, there is a video tutorial available at www.currentcost.com/britishgas

If you have any other problems you cannot fix, do not attempt to repair the equipment, disconnect the Sensor and Monitor and refer to the 'Contact Us' section.

Additional Accessories

There are additional accessories available for your Real Time Electricity Monitor. This includes additional monitors, additional sensors for use with 3-phase meters, plug socket sensors to monitor individual appliances in the home, and cables to download your consumption history to a PC.

Contact Us

If you have any questions please contact us by email at energyefficiencyteam@britishgas.co.uk

If you have a faulty monitor please return to Freepost NWW1657, PO Box 7, Manchester M19 2PB including your full name and address.

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Real Time Electricity Monitor

Instruction Manual



Welcome to your Real Time Electricity Monitor that will help you understand more about the electricity you use, and the small steps you can take to cut wasted energy.

By sending a wireless signal to your Monitor from a Transmitter linked to your meter, you can see the effect in real time of switching appliances and lighting on and off by displaying total electricity consumption in terms of cost and energy savings. This will help you save energy, money and the environment.

It is quick and easy to install and has been designed with safety as a priority.

Safely using your Real Time Electricity Monitor

It is important to observe some simple precautions before using this product.

Please follow closely the instructions to set up your Monitor:

- Do not proceed if you have any doubt about how to safely install it yourself.
- If you notice anything unusual about your electricity meter and cabling, such as loose wires, exposed cabling, burn marks or holes in the insulating materials or damage to your meter, do not install the products.

If you have concerns about any aspect of the safety of your meter and installing the Real Time Electricity Monitor, please contact a qualified electrician.

In addition, the following safety precautions should be observed. Do not:

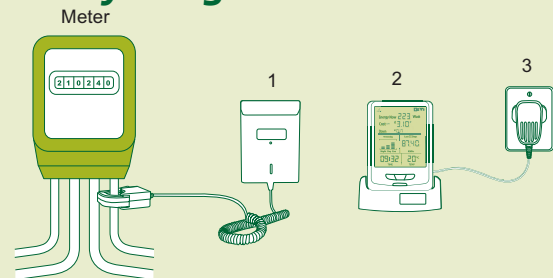
- Attempt to repair or service any part of the Real Time Electricity Monitor.
- Expose or immerse the product in water, or any other liquid.
- Expose the product to heat, flame, steamy conditions or extreme cold.
- Open the equipment or touch any of its electronic circuitry.
- Hit, strike or drop the equipment.
- If the display gets broken, please don't touch the liquid crystals.
- Use this product for any purpose other than for which it was intended.

Getting Started

Check you have got everything

Figure 1.

1. Sensor and Transmitter
2. Monitor
3. Power Supply

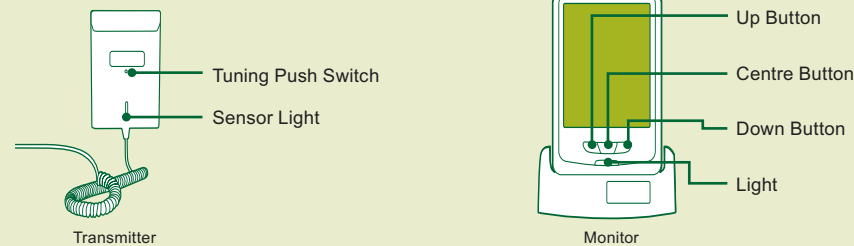


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Setting Up

- Connect the Power Supply in Figure 1 to the port on the back of the Monitor and plug into a power socket.
- Remove the plastic tab from the back of the Transmitter – this will activate the battery.
- If the display shows '0 watts' it is ready to use - proceed to 'Fitting the Sensor Jaw and Transmitter to the Cable' section. If it doesn't it requires pairing with the transmitter, see next section.

Figure 2.

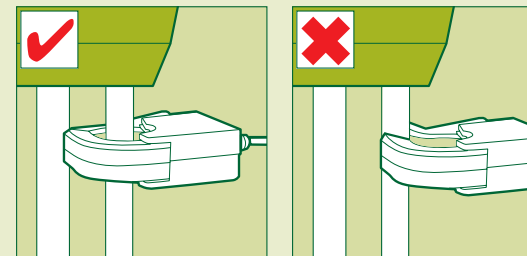


Pairing the Display and Transmitter

- Locate the tuning push switch on the front in the centre of the Transmitter, Figure 2.
- Using a ballpoint pen, push and hold the switch for nine seconds. Upon releasing, the red light on the Transmitter will rapidly flash for a minute. If it doesn't flash try again.
- While the red light on the Transmitter is flashing, press and hold the Down button on the Monitor until the LED on the Monitor flashes.
- When you release the button the screen will show an icon indicating information is being received from the transmitter, shown in Figure 3.
- Once the tuning is complete your display should show '0 watts'.

Fitting the Sensor Jaw and Transmitter to the Cable

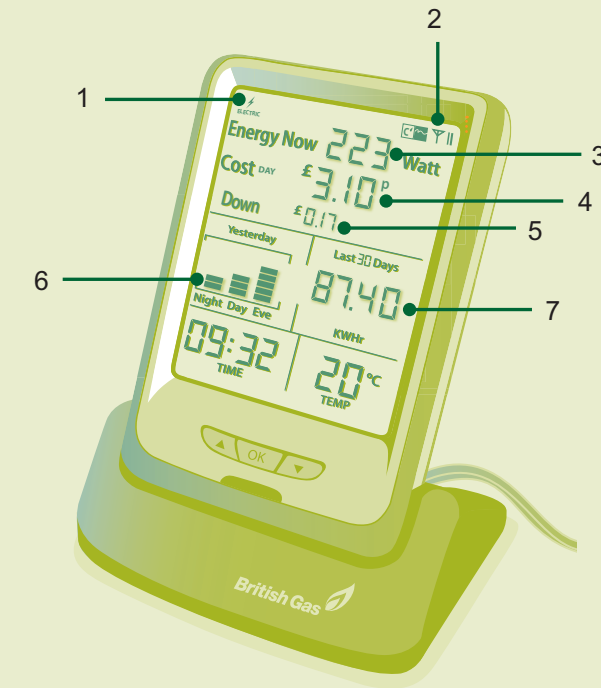
- Take the Sensor and Transmitter to your mains meter.
- Identify the thick round cable that leads from the meter to your house, usually 4th from the left.
- Ensure there is room around the cable then clamp the Sensor around the cable, as shown.
- If you have concerns about any aspect of the safety of your meter and installing the Real Time Electricity Monitor please contact a qualified electrician.



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Understanding your Real Time Electricity Monitor Display

Figure 3.



1. The lightning bolt indicates the number of Sensors installed. For most domestic situations this is 1. For more information see Additional Accessories.
2. Icon indicates information is being received from transmitter.
3. Shows real time electricity usage.
4. Shows rough cost of electricity you are using now. It will change as you switch electrical appliances on and off (this rotates between daily and monthly).
5. Shows the increase or decrease in running costs when appliances are switched on/off.
6. This graph shows how much energy has been used in previous periods. Night = 11pm-7am previous night, Day = 7am-3pm previous day and Evening = 3pm-11pm previous evening.
7. This shows cumulative energy consumption in kWh and scrolls every ten seconds between previous day, previous seven days and last 30 days. You can also scroll through these using the Centre button.

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