WATTSON 01
DIY KYOTO

Dimensions (cm): H5.6, W17.5, D10.4
Materials: Polycarbonate, acrylonitrile butadiene styrene (ABS), printed circuit board (PCB)
Tools: Injection moulding machinery, circuit board printer
Light Source: Light-emitting diodes (LEDs)
[re]strategies: [re]duce, [re]make, [re]spond

wattson 01 is a portable wireless unit that allows instant reading of electricity use anywhere in the home. The accompanying sensor clip attaches to either of the mains electricity cables leading from the meter box to the fuse box, and is plugged into a transmitter that sends information to the wireless unit.

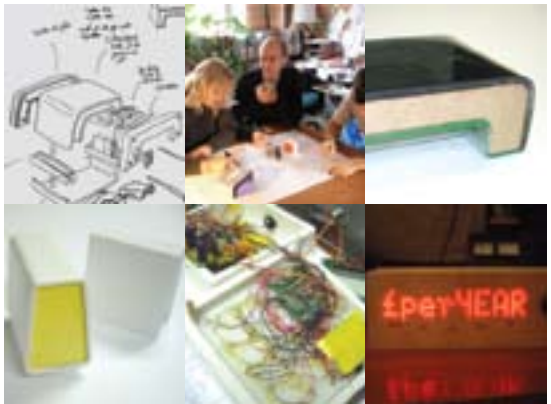
wattson 01 uses light as a communication device. As well as the LED digital display that shows how much electricity is being used in watts or pounds, wattson 01 features an ambient light display (also LED) on its underside that conveys information in a more intuitive way. When the lights glow blue, energy use is below average. When there's a purple glow, usage levels are around the average for the household. When the lights are red, more electricity than usual is being used.

The product is constructed without adhesives for easy disassembly and recycling. The white outer and inner casing is made from polycarbonate, and the black inner section from ABS – both injection moulded. The LED display is mounted on the printed circuit board that controls wattson 01's operation. The product is manufactured in Margate, Kent and also in China. Packaging is made from lightweight recycled card, and uses inks with minimal environmental impact.

wattson 01 itself uses up to 4W of energy – costing only £4 per year to run. Together with companion software holmes, which offers more detailed analysis of energy use and opportunities for savings, wattson 01 can help reduce a typical household electricity bill. DIY Kyoto founders Richard Woods, Greta Corke, and Jon Sawdon Smith say their customers can save up to 25% on their energy costs.

Form follows function.
Simple: new criteria, better design, better sustainable solutions, better quality of life.

By making energy-usage information engaging and enjoyable, consumers make better decisions.



Behold the turtle. He makes progress only when he sticks his neck out.

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