



*heating and plumbing products
that won't cost the earth*

solarlogic
solar temperature
differential controller

July 2010



Introduction

Solarlogic is a solar temperature differential controller that provides a number of different controls in one, attractive unit.

Many years of experience in the design of human/mechanical interfaces and HVAC systems have been employed in arriving at a device which combines high functionality, with intuitive setup.

Key features:

- anti-legionella function
- pump speed control
- winter cold start feature
- 3 relay switching
- 3 temperature sensors included (4th is optional)
- 13 solar system configurations - basic through to "East-West"
- 2 cylinder control options
- Input for time sync to "off-peak" electric tariffs
- Optimised back up heat - electric/CH boiler or both
- Heat quantity measurement
- System operating temperatures readout
- Collector or cylinder cooling functions & high temperature protection
- Easy to install using spring clamp terminals (no screws)

Despite its inherent power, setting up the controller is unusually simple.

The installer presses the "select system" button and the backlit screen glows blue. Scroll through the thirteen different solar system configurations until the correct one appears on screen and then, press "set config" to set the configuration.

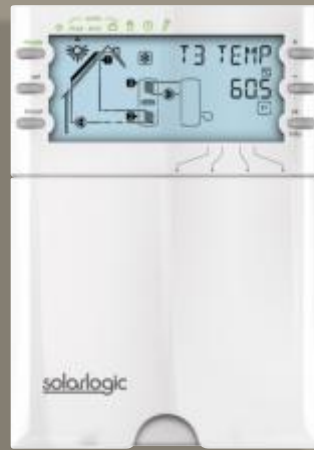
The user selects the "mode" button and the backlit screen glows red, allowing them to choose their favoured configuration (see list below).

User modes:

- STANDBY - off. Only over-riden by safety functions.
- HOLIDAY - heat dump at night to limit stagnation risk.
- MAX mode - all heating options active.
- MANUAL - to test operation.
- ECO mode.

In addition, a fully programmable BOOST function allows a simple one hour boost, or daily operation can be programmed for any period between 1 and 9 hours - and there's no need for a time clock!

product description	product code
SOLARlogic solar temperature differential controller	SRA SR 001 ALT A



solarlogic temperature differential controller



user keys



installer's keys (normally hidden by cover)