

# SINGLE CHANNEL TIMESWITCHES

## ST9100A/C

### FEATURES

- LoT™ display, providing text feedback that gives help and programming hints

- Large backlit display

- Factory set clock and date

- Automatic Summer/Winter 1 hour time change

- Temporary or permanent override facilities

- Extra hour facility for up to 3 hours boost or programme extension

- Choice of 3 different built in programmes

- Programme indicator lights

- Fits on industry standard back plate

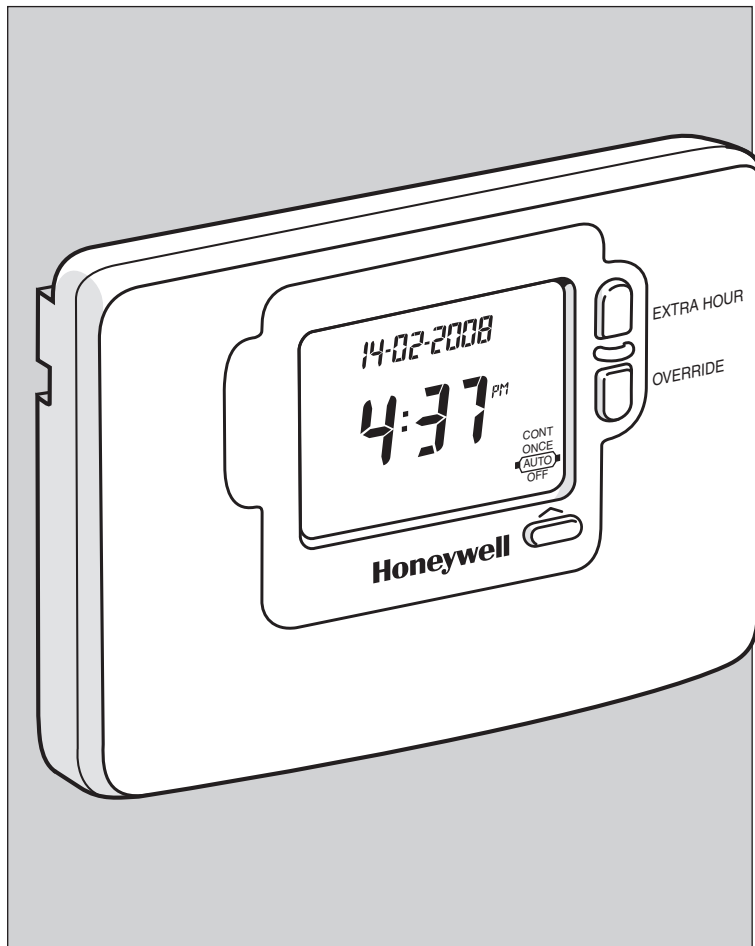
- Direct replacement for ST6100 models

- Suitable for mains, low voltage or potential free switching

- Any programmed settings retained indefinitely in non volatile memory

- Up to 3 on/off times per day

- 'Holiday' button on ST9100C



### APPLICATION

ST9100 is a single channel timer, designed primarily for control of a single heating zone or combi boiler applications. ST9100 models are suitable for mains, low voltage, or potential-free switching of the heating load.

The ST9100A is a 1 day timer with two on/off switchings times per day (which can be increased to 3). This unit can be used for combi boilers, heating zones or any application where small electric loads need switching.

The ST9100C is a 7 day timer that gives great flexibility offering up to three on/off switchings per day, additionally each day could be programmed differently. Ideal for combi boiler installations or multi zone systems when the user has different heating needs from day to day. ST9100C can be set to 5/2 day or 1 day programme during installation.

All ST9100 models incorporate the Line of Text (LoT™) display that gives clear plain English instructions whenever any button or slider is used. This means that installers, customers and users can operate all of the controls reliably, without needing to find an instruction manual. ST9100C also features a 'Holiday' button allowing the user to switch off their heating for a specified number of days (1 to 99) while they are away from home.

# Honeywell

# HEATING CONTROLS

## Installation

The **ST9100** can either be surface or flush switch box mounted. The wiring sub-base has holes to suit single switch boxes and provision for surface wiring.

When wiring is completed the front module is slotted onto the sub-base and secured by tightening the retaining screws.

## Ordering Specification

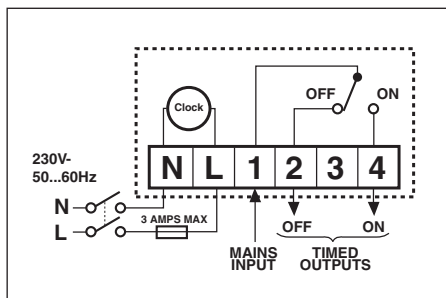
### ST9100A1008

Timer 1 day, having two on/off periods per day

### ST9100C1006

Timer 7 day, having three on/off periods per day

## Wiring



## Notes

1. ST9100 is suitable for contact-closure potential free or mains voltage switching.
2. If normal mains voltage is required, link terminals L and 1.
3. The ST9100 is a Class II (double-insulated) device. A parking terminal is provided for earth wiring continuity, if required.
4. Where applicable, the ST9100 may also be used to control hot water systems independently.
5. Where applicable, multiple ST9100 timers may also be used to control heating and hot water systems independently.

## Specification

Switch Rating	: 3A resistive, 3A inductive at 230VAC, 10mA at 12Vdc min
Switch Type	: 1 x Single pole, double throw (SPDT) potential free relay
Power Supply	: 230VAC 50Hz 10W
Power Reserve	: In-built battery maintains factory-set date & time. Backup super-capacitor retains real time for more than 1.5 hours : All settings and parameters stored in NVRAM will be retained indefinitely
Wiring	: Wiring terminals < 2.5mm <sup>2</sup> with cage clamps
Time Setting Resolution	: Time of day - 1 minute : Programme time changes - 10 minutes
Time Display	: 24 hr or 12 hr AM/PM format
Timing Accuracy	: Typically better than 10 minutes per year : Time and date factory set
Operating Temperature Range	: 0 to 40°C
Operating Humidity Range	: 10 to 90% RH, non-condensing
Storage Conditions	: -20 to 55°C
European Standards	: EN60730-2-7
EC Directive	: CE mark : Conforms to protection requirements of Directives 2006/95EC and 89/336EC (as amended by 04/108/EC) : WEEE & RoHS compliant

## Dimensions (mm)

