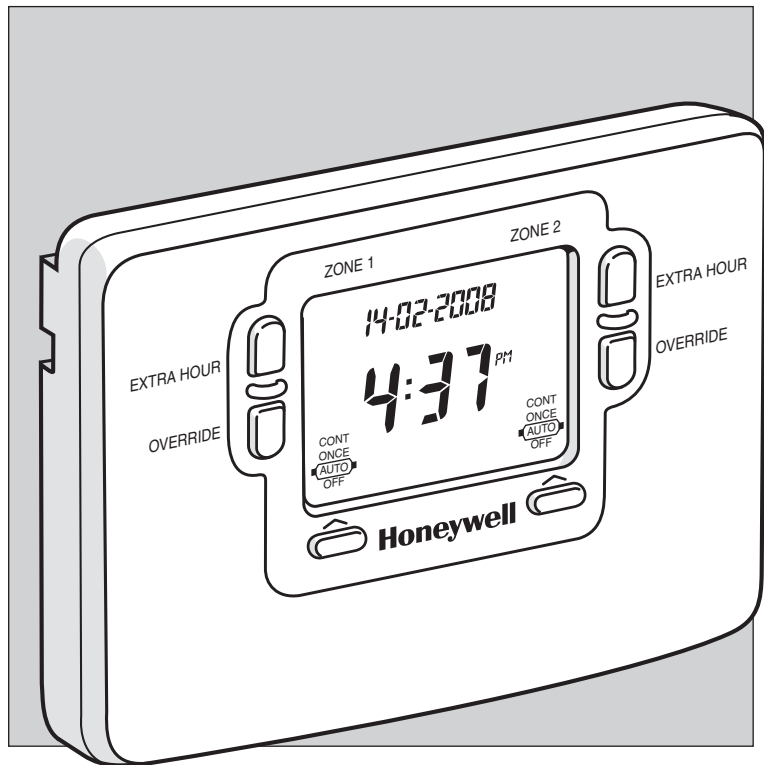# 7 DAY 2 ZONE PROGRAMMER

ST9500C

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 of boost or programme extension

- Choice of 3 different built in programmes

- Programme indicator lights

- Fits on industry standard back plate

- Any programmed settings retained indefinitely in non volatile memory

- Up to 3 on/off times each day

- 'Holiday' button

APPLICATION

ST9500 is a 2 channel 7 day full programmer designed to control 2 heating zones. Zoning a house not only helps make the heating system more energy efficient, but can also improve comfort conditions, as each zone will only be heated when required.

The ST9500 gives great flexibility offering up to three on/off switchings per day, additionally each day could be programmed differently. Ideal for when the user has different heating needs from day to day. ST9500 can be set to 5/2 day or 1 day programme during installation.

ST9500 incorporates the Lint 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. ST9500 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.

Building Regulations strongly recommend zoning for most houses, and mandate it for certain larger properties, so the Honeywell ST9500 can be used as an aid to compliance.

Honeywell

4.14

■ Installation

The **ST9500** 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.
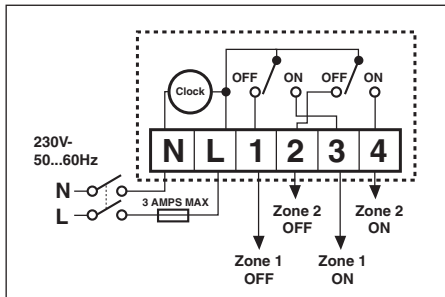
When wiring is completed the front module is slotted onto the sub-base and secured by tightening the retaining screws.

■ Ordering Specification

ST9500C1015

2 Zone Programmer 7 day, having three on/off periods per day

■ Wiring

Notes

1. The ST9500 is a Class II (double insulated) device. A parking terminal is provided for earth wiring continuity, if required.

■ Specification

Switch Rating	: 3A resistive, 3A inductive at 230VAC, 10mA at 12Vdc min
Switch Type	: 2 x Single pole, double throw (SPDT) relays
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^2 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)

Minimum Clearance (mm):
Above wall plate   110
Below wall plate   100
Left/right of wall plate   10