

ThermoPlus AS1 & AS2

Programmable Room Thermostats



The ThermoPlus AS1 (mains powered) and AS2 (battery powered) are programmable thermostat, designed to provide an economical but comfortable pattern of heating without the need for complex adjustments by the user.

- Simple three button operation
- LED Warm/Cool display
- Preset clock with battery back-up
- Automatic Summer/Winter time changes
- 5 Preset heating profiles, 6th custom heating profiles
- Back lit LCD display
- Audible and tactile feedback



ThermoPlus AS1 & AS2

For day-to-day use only three buttons are needed. The centre 'Warm/Cool' button, complete with Braille markings, changes the temperature state and the '+' and '-' buttons provide fine user adjustment as well as audible feedback. Each adjustment is immediately reflected in changes to the bright red and blue LED display.

The warm and cool temperature settings can be easily adjusted by the user and, if required, a custom programme can be set to override the standard profile set by the installer. User the flap the blue standby button will put the control into a 'frost protection' mode unit re-activated.

The built-in clock is programmed to the correct time during manufacture and a built-in calendar will automatically adjust for summer and winter time changes, so there's never any need for user adjustment.

AS1 is mains powered for applications where permanent mains supply is readily available.

AS2 is battery powered for applications where no mains supply is readily available to operate the unit or an existing thermostat is being replaced. Additional features include 3 standard AA batteries, 2 years+ battery life and separate clock power back-up. Battery life is conserved by means of an 8 second auto power down mode to all indicator lights.

Specification

HRT4-ZW	
CONTACT RATING	3 (1) Amps 230-240V AC
CONTACT TYPE	Micro disconnection Voltage Free
SUPPLY	AS1 – 230V AC 50Hz AS2 – 3 x AA (LR6) batteries
BATTERY TYPE	Lithium battery
POLLUTION DEGREE	Degree 2
DOUBLE INSULATED	Yes
ENCLOSURE PROTECTION	IP30
OPERATING TEMPERATURE RANGE	0 °C to 40 °C
TEMPERATURE CONTROL RANGE	+5 °C to +30 °C
STANDBY TEMPERATURE	+5°C to +10°C
CASE MATERIAL	Thermoplastic flame retardant
DIMENSIONS	120 x 90 x 32 mm
DISPLAY	Liquid Crystal, back lit
DISPLAYED TIME ADJUSTMENTS	1 minute steps
SWITCHED TIME ADJUSTMENTS	15 minute steps
OPERATING PERIODS PER DAY	Warm – 3 per day
PROGRAMME SETTINGS	Auto, Standby
OVERRIDE	Instant Warm / Cool
MOUNTING	AS1 – Industry Standard 6 pin plate AS2 – Standard wall box fixing

Horstmann Controls Ltd

South Bristol Park, Roman Farm Road, Bristol BS4 1UP

t: +44 117 978 8700 | f: +44 117 9788101 | e: sales@horstmann.co.uk | www.horstmann.co.uk

Horstmann is a trading name of Secure Controls (UK) Ltd., a wholly owned subsidiary of Secure Holdings PTE Ltd.

Registered office: Secure House, Moorside Road, Winnall Trading Estate, Winchester, Hampshire, SO23 7RX. Registered in England No. 457553

© January 2013: Secure Controls (UK) Ltd. All rights reserved. The company reserves the right to alter product specifications without notice.

HORSTMANN