



Product Overview

The Axio AutoStat II intelligent room thermostat accurately controls the temperature and senses when the room becomes occupied via the built in motion detector. The unit automatically switches the temperature from setback to a higher, occupied, temperature setting. When the room becomes unoccupied, the AutoStat II will automatically revert to the lower setback level after a user defined period of time.

The AutoStat II is supplied as a dual purpose product which can be installed in either a user adjustable or tamper-resistant mode. In all versions, the set-back and timer settings cannot be adjusted by the occupant.

The unit can directly control either an Electric Heater (upto 3kW load) or can control a Thermal Actuator fitted to radiator valve.

Features

- Energy Savings
- Built In Motion Sensor
- Up To 3kW Heater Load
- Easy To Install
- Normal and Night Setback Operating Modes
- Accurate Temperature Control

Applications

- Hospitals
- Residential and Care Homes
- Sheltered Housing
- Hotels and Holiday Villages
- School, Colleges and Offices
- Disabled Accommodation

Product Specifications

Operating Voltage:	220/240Vac 50Hz
Occupied Temperature Setting:	10°C to 30°C
Setback Temperature Setting:	0°C to 10°C
Occupied Timer Range:	Jumper Selectable - 15, 30 or 60 minutes.
Maximum Load:	3kW
Dimensions:	146 x 85 x 32mm (max.)
Country of Origin:	United Kingdom

Order Codes

AX-760025	Autostat 11 - External Setpoint
AX-760025-T	Autostat 11 - Tamperproof

Installation

IMPORTANT, PLEASE READ CAREFULLY

A qualified electrician should always be employed to install this unit.
Current safety regulations must be observed.
Under no circumstances should electrical connections be made whilst power is applied to the unit.

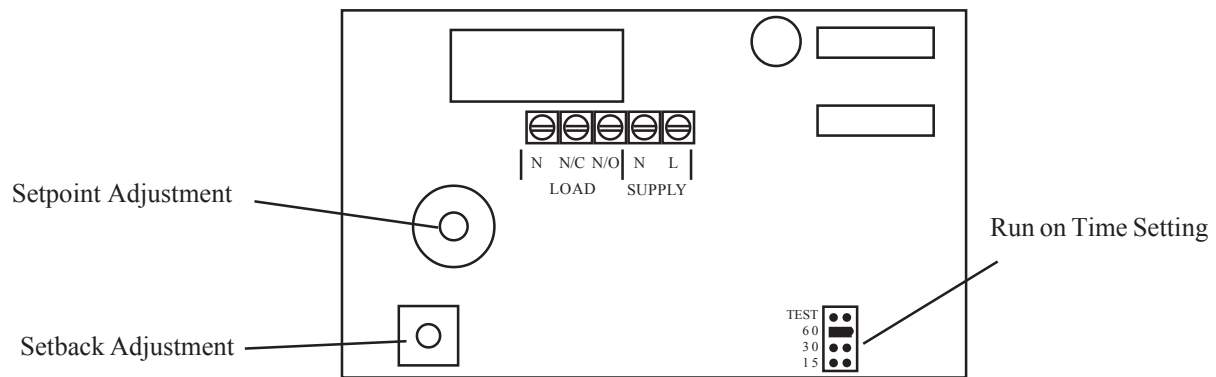
Mounting Instructions

The exact location of mounting will need to be determined with consideration for the best effect as regards ambient temperature and for maximum PIR range and body movement. Do not mount the unit over a heat source, in direct sunlight, behind curtains or close to appliances that give off heat.
The AX-Autostat - II is designed for either surface or flush mounting, if the unit is being surface mounted please use the appropriate 2 gang box, type K2183 WHI. For flush fixing use a standard 2 gang flush fit box.

Electrical Connection

The Axio AutoStat II is for use with 220V/240Vac 50Hz. The connections should be made in accordance with current electrical regulations. The unit must not be connected whilst power is applied. The maximum load of 3kW must not be exceeded.

Make the connections as follows, with the power still isolated, connect the 220/240Vac supply to terminals L and N
The heating load is connected to the N/O and N terminals marked on the PCB as LOAD.



Commissioning

The AutoStat II is commissioned by adjusting the setback deviation setpoint to the desired level, selecting the appropriate run on time and securing the unit into the back box. The unit can then be powered up and the desired temperature set using the setpoint dial on the front of the unit. The passive infrared detector is automatically calibrated at power up and the unit will be fully functional within one minute.

For tamper resistant models, the setpoint adjustment knob can then be removed and the plastic plug supplied with the unit pushed into the hole in the fascia plate. The setpoint adjustment knob should be retained by maintenance staff / building supervisor should any further adjustments be required.

Test Setting

The run on timer has a test setting which reduces the time between non occupancy detection and setback operation to 3 seconds. This setting is for test purposes only and the unit should not be left running in test mode.

Every effort has been taken in the production of this data sheet to ensure it's accuracy. Axio can not, however, accept responsibility for any damage, expense, injury, loss or consequential loss resulting from any errors or omissions. Axio has a policy of continuous improvement and reserves the right to change this specification without notice.