



Display Settings

The Vista Dual can be operated vertically or horizontally. Please go to number 21 in the advanced settings to choose which option you prefer.

Technical Specification

Supply voltage: 110-230Vac 50/60Hz

Standby Power: <2W

UFH Maximum switching current: 16A

Towel Rail Maximum switching current: 10A

IP rating: IP21

Floor Sensor Type: 3K,5K,6.8K,10K(default),12K,15K,20K,22K,

33K, 47K,50K,100K.

Icons



General Operation

1. Setting Temperature

1). When in Manual Mode, Press +/- to enter the required temperature.

2). When in Auto Mode, Press +/- to enter the required temperature.

(Thermostat will enter into Temporary Mode and will operate under the set temperature until the next time period).

With underfloor heating we would recommend different temperatures for different floor coverings.

Tiled Floor – 28 degrees

Laminate, Engineered Wood, Vinyl – see flooring manufacturer specifications.

2. Operating Mode

There are 3 mode selections on the home screen, these can be changed by tapping the 'Mode' icon.

1). Auto Mode

The thermostat allows you to control your heating automatically via a weekly schedule. Each day of the week has 4 time periods; you should allot a temperature to each time period. Set the temperature above room ambient temperature and the heating will come on until the desired temperature is reached, or, set the temperature low and the heating will not come on during that time period. The default settings are shown in the table below.

DAY				
Mon-Fri	WAKE 06:00 21°C	LEAVE 09:00 18°C	BACK 17:00 21°C	SLEEP 23:00 18°C
Sat-Sun	WAKE 08:00 21°C	LEAVE 11:00 18°C	BACK 17:00 21°C	SLEEP 23:00 18°C

To access the programming edit page, press the 'Menu' icon and then the 'Edit Setting' icon in the menu page. Use the   icons to change the start times and temperatures for each time period. Press the 'Back' icon to confirm your time periods and return to the main menu. The thermostat will automatically save your preferred settings.

2). Manual Mode

Select Manual Mode on the main page to override your weekly programming to use your thermostat manually. When in manual mode , Press +/- to enter required temperature.

3). Holiday Mode

Holiday Mode will save energy whilst you are away. The temperature range is 5-20°C. The holiday function allows you to set a certain temperature and a return date. The thermostat will only revert back to Auto Mode once the set date ends.

1). When in Manual Mode, Press +/- to enter required temperature.

2). You can change the return date in the advanced settings. Press the 'Menu' icon, then press the 'Advanced Settings' and select number 11.

Alternatively, rather than using Holiday Mode, you can just turn off your Thermostat with the , and turn it back on when you return.

3). Time

Press the 'Menu' icon, then press the 'Time' icon to set the correct day and time. Press the   icons to set the correct settings. Once completed, press the 'Back' key to go back to the main menu. The thermostat will automatically save your preferred settings.

4). Key Lock

Setting key-lock can prevent children and others from switching the timerstat parameters.

Press the 'Menu' icon, then press the 'Key Lock' icon to lock and unlock the thermostat.

5). Towel Rail Programming.

As well as the underfloor heating, the Vista Dual can also control your heated towel rail. To schedule or operate your towel rail manually, press the 'Menu' icon, then press the 'Towel Rack' icon.

Each day of the week has 4 time periods; select your preferred times for it to be turned on and to be turned off.

If you wish to operate the towel rail manually, you can override the programming by selecting on for 1 hour, 2 hours, 4 hours or hold (indefinitely).

	Default		Setting Range
Schedule Control	05:30	Off	Off/On
	08:30	Off	Off/On
	17:30	Off	Off/On
	22:30	Off	Off/On
Manual Control	Towel Rack Switch	Off	Off/On
	Towel Rack Duration	1 hour	1 hour/2 hour 4 hour/Hold

Advanced Settings

Note: These are normally set by the installer.

Item	Default Value	Setting Range
01: Sensor Selection	Floor	All/Room/Floor
02: Room Temperature Calibration	0°C	-5°C~5°C
03: Floor Temperature Calibration	0°C	-5°C~5°C
04: Max Floor Temperature	35°C	5°C~80°C
05: Schedule	5-1-1	5-1-1/7
06: Adaptive Start	Off	On/Off
07: Adaptive Start Time	20	0-40mins
08: Open Window	Off	On/Off
09: Sensor Type	10K	3/5/6.8/10/default/12/15/20/22/33/48/ 50/100(K)
10: Anti-freeze Function	Off	On/Off
11: Holiday Duration	1 day	1-99 days
12: Temp Deviation	1°C	0.5°C, 1°C, 2°C, 3°C
13: Display Precision	0.5°C	0.5°C, 0.1°C
14: Temperature Increment	0.5°C	0.5°C, 0.1°C, 1°C
15: Display When Thermostat OFF	Show OFF	Show OFF/Show temperature/Nothing
16: Temperature Unit	°C	°C/°F
17: Restart State After Power Off	Keep	Keep/On/Off
18: Rail Control Time	1 hour	1 hour/2 hour/4 hour/Hold
19: Brightness	100%	30%~100%
20: Factory Reset	No	No/Yes
21: Horizontal Display	Off	Off/On

1). Press the 'Menu' icon, then press the 'Advanced Settings' icon.

2). Press the < and > to select the option you require.

Installation Instructions

Release the front cover by inserting a flat head screw driver into the slots located at the bottom of the thermostat.

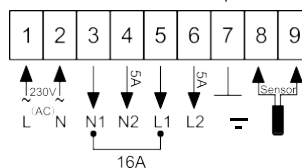
Fix the back section to the backbox with the screws provided.



Wiring

This Timerstat should only be wired by a 'Part P' qualified Electrician as required by IEE regulations. The power supply must be on an RCD protected circuit and connected via a correctly fused switched fuse spur isolator. Guarantee is void if these provisions are not followed.

Before connecting, please test the resistance of the heating cable/s against the values shown in the relevant installation manual to make sure the cable hasn't been damaged. Also test between live/earth and neutral/earth for a zero reading. The wiring terminals will only take a maximum of 2 wires – more than this should be connected via a junction box. Mains earth and heating cable earth should be connected behind the Timerstat using a block connector or directly to a metal back box earth point. Please contact 0113 2577 588 for advice if required.



Troubleshooting Failure Codes

Er1 = Built-in sensor short-circuit or disconnected.

Er2 = Floor sensor damaged/disconnected/clamped on to insulation or incorrect floor sensor selected.

Note: The default floor sensor resistance should be in the range of **10K Ohms** - please check.

Please call 0113 2577 588 for replacement floor sensor.