

POWER

Press  to turn on or off your thermostat.

SETUP

Press  Screen will display:

MODE
TIME & DATE
SCHEDULE
MENU

MODE

Press **MODE** button to enter the MODE selection.
Tick **AUTO** or **MANUAL** and then press  button.
The main screen will display **AUTO** or  accordingly.
In manual mode, to set temperature, touch the temperature display in Zone 1. To choose **ON** or **OFF** in Zone 2, just touch the **ON** or **OFF** display on the main screen.

TIME & DATE

Press **TIME & DATE** button first.

Touch the area you want to adjust,

Press  or  to adjust; Press  to store.

SCHEDULE

Press **SCHEDULE**.

Press **VIEW MY SCHEDULE** to go over the schedule

Default Settings

PROGRAM	MONDAY - FRIDAY		SATURDAY - SUNDAY	
	START TIME	SETPOINT Zone 1 Zone 2	START TIME	SETPOINT Zone 1 Zone 2
P1	07.00	22°C ON	07.00	22°C ON
P2	09.30	16°C OFF	09.30	16°C OFF
P3	16.30	22°C ON	16.30	22°C ON
P4	22.30	16°C OFF	22.30	16°C OFF

Press **EDIT MY SCHEDULE** to change the schedule

First, select the day or days you want to program.
Press **Weekdays** to select Monday to Friday;
Press **Weekends** to select Saturday and Sunday;
Press **Select All** to select Monday to Sunday;
Press **Next** to edit the start time and set temperature for each program.

MENU

Press **MENU**;

The following menu will be displayed.

Press  or  to switch among pages.

Press each menu to enter into the setting options.
Press  to return to **SETUP**; Press  to store the settings. Press  to return to the main screen.

ZONE 1

1	Sensor selection
2	Screen direction
3	Backlight brightness
4	Child lock

5	Clock format
6	Factory settings
7	Show set temp
8	Temperature format

9	Frost protection
10	Clean screen
11	Temperature calibrate

ZONE 2

1	Screen direction
2	Backlight brightness
3	Child lock
4	Clock format

5	Factory settings
6	Clean screen

 Note: Only make modification to these parameters if it is essential.

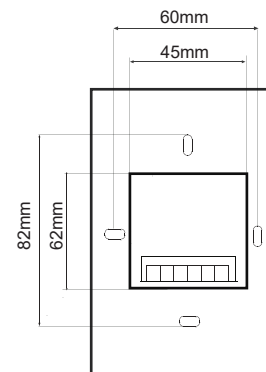
TEMPORARY TEMPERATURE OVERRIDE

In **Auto** mode, press the  or  buttons to override the current programmed temperature.

Press  to confirm.

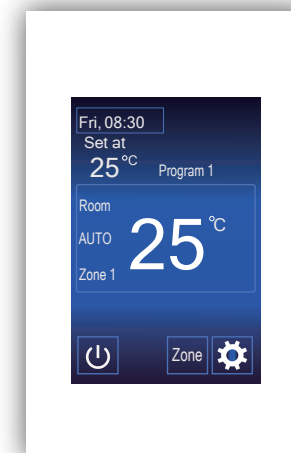
You will see "O/RIDE" above the temperature display.
Your thermostat will maintain the new set temperature until the next programmed period. To cancel the override setting, press .

DIMENSIONS



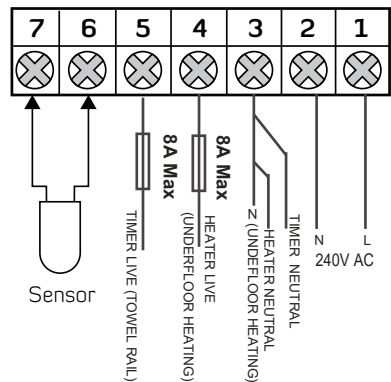
Product name: Thermostat
Model: UTSW-DUAL
Input: 230-240VAC 50Hz
Output: 230-240VAC (16A total = two 8 amp zones)

Programmable Thermostat UTSW-DUAL



-  Large colour touch screen
-  Simple programming
-  5+2 / 7 day schedules
-  User-friendly menu
-  Vertical / horizontal models
-  Ultra slim profile

WIRING DIAGRAM



WARNING–Important safety instructions

Disconnect the power supply before carrying out any installation or maintenance work on this control unit and associated components. This control unit and associated components should only be installed by a competent person (i.e. a qualified electrician). Electrical installation must be in accordance with appropriate statutory regulations.

The button cell battery inside the product is fixed in place. Should replacement be necessary, it must be performed by a qualified technician.

Mounting of thermostat

Carefully separate the front half of the thermostat from the back plate by placing a small flat head terminal driver into the slots on the bottom face of the thermostat.

Carefully unplug the ribbon connector which is plugged into the front half of the thermostat.

Place the thermostat front half somewhere safe. Terminate the thermostat as per the above wiring diagram.

Screw the thermostat back plate on to the wall plate. Re-connect the thermostat ribbon cable and clip the two halves together.

To ensure the numerical display is correctly orientated during installation, the locating clip tabs must be positioned appropriately relative to the mounting orientation. For vertical mounting, ensure the locating clip / tabs are positioned at the base of the unit. For horizontal mounting, ensure the locating clip / tabs are positioned on the right-hand side when facing the front of the unit. Re-connect the timer cable and clip the two halves together.

Technical data

Product Name: Thermostat
Model: UTSW-DUAL

Supply voltage	230-240V AC 50Hz
Output	230-240VAC 16A resistive load (two 8 amp zones)
Clock function	4-event program
Air sensor temp. range	+5°C to +45°C
Air sensor calibration range	-5°C to +5°C
Floor sensor temp. range	+5°C to +45°C
Installation orientation	Portrait / Landscape
Floor sensor type	NTC (10K Ohms)
On/Off differential range	1°C to 10°C
Battery backup	1 x CR1220 3V
Screen backlight life	5,000 hours
Protective housing	IP20
Housing material	PC+ABS

Installation of the external floor sensor

It is recommended that the sensor cable be placed in a non-conductive conduit embedded in the floor. The end of the pipe must be sealed and the pipe placed as high as possible to the surface of the floor finish.

Alternatively, the sensor can be embedded directly in the floor. Note this will make replacing the sensor impossible should it fail.

The sensor cable must be led through a separate conduit from power cables. The tip of the floor sensor must be centred between the heating cables.

The sensor cable may be extended up to 100m by means of a separate two-core cable. The two-core cable must be placed in a separate pipe or segregated from power cables.