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

	MONDAY - FRIDAY			SATURDAY - SUNDAY		
PROGRAM	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 next page or last page 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		ZONE 2	
1	Sensor selection	1	Screen direction
2	Screen direction	2	Backlight brightness
3	Backlight brightness	3	Child lock
4	Child lock	4	Clock format
5	Clock format	5	Factory settings
6	Factory settings	6	Clean screen
7	Show set temp		
8	Temperature format		
9	Frost protection		
10	Clean screen		
11	Temperature calibrate		

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

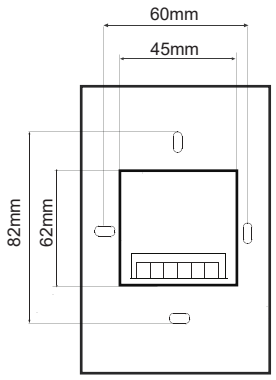
TEMPORARY TEMPERATURE OVERRIDE

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 Run Sch

DIMENSIONS



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

radiant AUSTRALIA

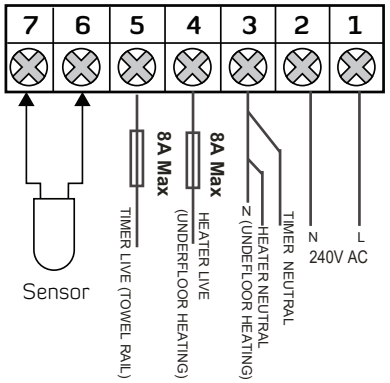
Programmable Thermostat

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.