Touch Screen Programmable Thermostat

Installation Manual CASA-TSP730

Touch screen

7 day programmable

3 operating modes

**Towel rail control**

Air and floor sensor

16A rated

220-240 VAC

t/r control

fully automated
floor heating thermostat
with towel rail control

Fitting Instructions

1. Separate the backplate from the unit. Use machine screws to securely attach the backplate to the wall.
2. Follow the Wiring Diagram to connect the floor heating cold leads, optional t/rail power leads, exterior temperature sensor and electrical supply to the terminals.
3. Re-attach the unit to the wall-backplate ensuring that 3 plastic clips are clicked correctly.

Wiring Diagram

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

Live

towel rail
3A

Floor Heating
16A

Neutral

External Temp
Sensor
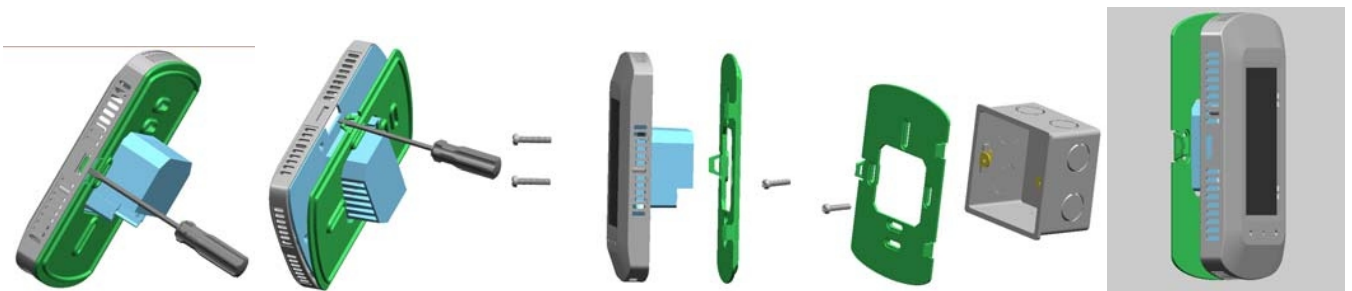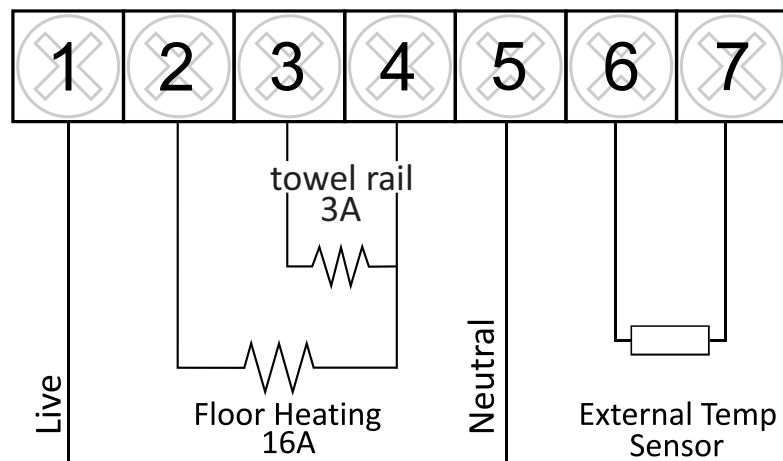
Note:
Thermostat connection must be done by registered electrician.

Setting the Time and Day

Short press [MENU] key to enter the setting mode and the "clock" [CLOCK] starts to blink. Short press [DONE] key to enter the clock setting mode and the "week" starts to blink. Using [△] and [▽] set the day in the week. Press [DONE] to confirm and move forward to set the clock. Repeat same steps to set hour and minute. Press [ESC] to come back to main screen.

Programming floor heating

This heating thermostat is pre-programmed with default settings for floor heating and towel rail.

Default Settings (Floor Heating)		Monday - Friday		Saturday - Sunday	
		Time	Temp	Time	Temp
Morning	ON	6.00am	26℃	6.00am	26℃
	OFF	8.00am	15℃	8.00am	15℃
Afternoon	ON	6.00pm	26℃	6.00pm	26℃
	OFF	10.00pm	15℃	10.00pm	15℃

Default Settings (Towel Rail)		Monday Friday	Saturday Sunday
		Time	Time
Morning	ON	6.00am	6.00am
	OFF	8.00am	8.00am
Afternoon	ON	6.00pm	6.00pm
	OFF	10.00pm	10.00pm

To edit default settings simply press [Program] key to enter the programming mode. ⌂ or ℤ starts to blink. Use [△] and [▽] keys to choose floor heating programming mode ⌂ or towel rail programming mode ℤ. Press [DONE] to choose/confirm. Using [△] and [▽] keys choose day in the week, press [DONE] to confirm and move forward. Choose Mon - Fri schedule for heating. Choose start time (1), followed by heating temperature (Default 26 C), then heating stop time (2), followed by stand by temperature (Default 15 C). Repeat same steps for evening schedule. Press [DONE] to choose/confirm. Repeat same steps to setup Saturday and Sunday schedule. Press [ESC] several times to comeback to main screen.

Manual Mode for Floor Heating

If you wish to manually operate your heated floor simply press Au/Ma key [Au/Ma]. This will switch heating in Manual mode. Use [△] and [▽] keys to set desired temperature. To go back to Auto mode press Au/Ma [Au/Ma] key again. To switch ON and OFF thermostat long press power button [⏻].

Screen Lock

Press and hold the △ and ▽ key together for 3 seconds to lock thermostat screen and prevent modification of the thermostat's settings. A pad-lock symbol will be displayed. Repeat same action to unlock it.

Advanced Settings (Functions F0 - F4)

Advance settings mode allow you to fine tune your controller.
To access advance settings long press MENU and △ together for 3 seconds.
Use △ and ▽ keys to select desired function and DONE to enter or confirm your choice.
Below is the list of advanced setting functions and available options.
Orange coloured represent default values.

F0 - Temperature Calibration

Calibrate temperature from 0-15 C

F1 - Sensor Choice

2 - External sensor (in floor)

1 - Internal sensor (in unit)

0 - Combined internal and external sensor

F2 - Program Backup Function

0 - Backup not active

1 - Backup Active

F3 - Temperature Control Band

When desired temperature is achieved controller will switch off heater and start again when temperature drops.

Choose between 1, 2, or 3 degrees

F4 - Choose Manual or Auto mode for towel rail

ON - Manual mode only

OFF - Auto mode with manual override

Default Settings

Short press "Default" key to recover Factory Defaults.

Factory Reset

Short press "Reset" key to reset thermostat.