

tio



Smart Thermostat
Installation & User Manual



www.tioclimatesolutions.co.uk



Welcome to your new thermostat.

Your smart thermostat comes fully integrated with the latest features and functions.



Wi-Fi enabled (app control)

6 period programming

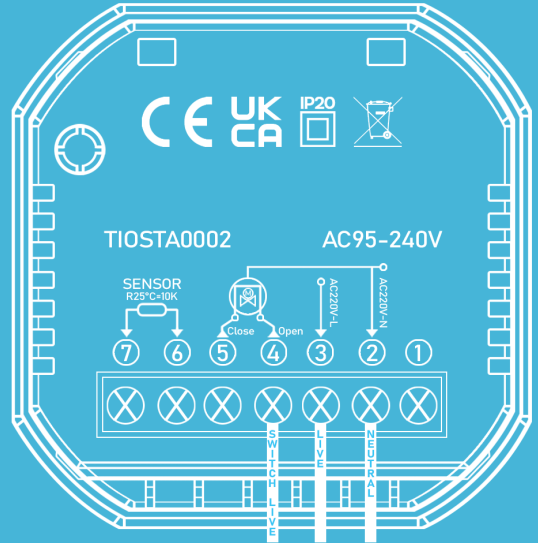
Sleek and contemporary acrylic casing

Internal and external sensor capability

Easy one-touch temperature over-ride

Feather touch control panel

Elegant chrome frame



Contents

Icon Overview

4

Installation

5

Quick Functions

6

Configuration Menu

7

Programme Settings

9

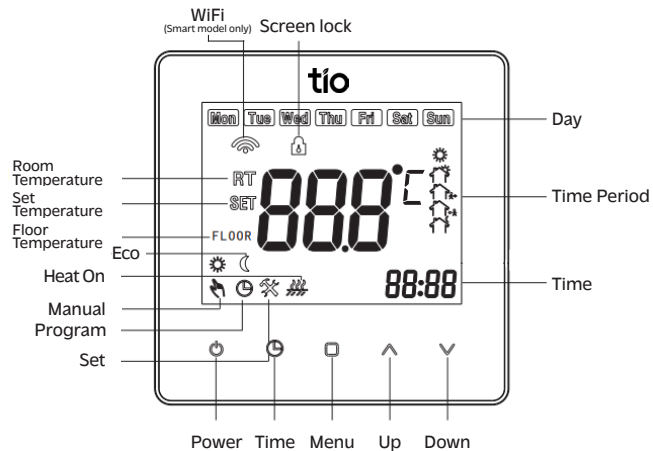
App Connection

11

Voice Control

13

Icon Overview



Installation

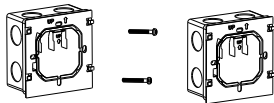
Your thermostat is suitable for installation within a standard 86mm pattress box or European 60mm round pattress box.

Please ensure that the electrics are disconnected or isolated prior to making electrical connections. Contact with high voltage components can cause electrical shock, sever injury or death.

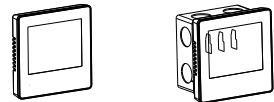
1. Remove the mounting backplate.






2. Connect power supply, load and external (floor) sensor into the appropriate terminals. Fix the mounting plate into the wall with the provided screws. (Floor sensor is optional)











3. Fasten the body of the thermostat and the mounting plate through the groove to complete the installation.








Quick Functions

-  Press this button to power your thermostat on or off.
-  Time setting button to set minute, hour and day.
-  Menu button which allows you to change between manual and programme mode.

Manual mode: Press  to select manual mode. A  symbol will appear in the bottom left corner when this mode has been selected. You can now set you desired temperature using  .

Temporary mode: During programme mode, you can manually change the temperature if required. You may use   to set the temperature accordingly. Both   icons will appear on screen. Your pre-programmed settings will return in the next period.

Child lock: Press and hold   over 5 seconds to lock/unlock your thermostat.

Factory reset: Press  over 5 seconds to enter programme mode. Next, hold   over 5 seconds. The thermostat will have been factory reset when 'def' flashes on screen.


Configuration Menu




| No. | Function | Press ^ v to set | Default |
|-----|-------------------------------------|---|---------|
| 1 | Calibrate | -9°C to 9°C | 0°C |
| 2 | Dead zone | 0.5°C to 5°C | 0.5°C |
| 3 | Lock | 0: All buttons will lock except power 1: All buttons will lock | 1 |
| 4 | Sensor selection | IN: internal sensor OU: External sensor ALL: Both sensors operating | IN |
| 5 | Minimum temperature setting | 5°C to 15°C | 5°C |
| 6 | Maximum temperature setting | 15°C to 45°C | 35°C |
| 7 | Display mode | 0: Room Temperature 1: Setting Temperature | 0 |
| 8 | Standby backlight | 0 - 100 | 10 |
| 9 | High temperature protection setting | 25°C to 70°C | 45°C |


| | | | |
|---|-------------------------------|-----------------|------|
| A | Anti-freeze temperature range | 2°C to 10°C | 5°C |
| B | Anti-freeze protection | 0: OFF 1: ON | 0 |
| C | Eco Mode | 0: OFF 1: ON | 0 |
| D | Eco temperature setting range | 5°C to 30°C | 16°C |
| E | Backlight | 0 - 100 | 80 |

To access the configuration;

Firstly, turn off your thermostat .

Then, press and hold  over 5 seconds to enter the menu.

Using  to change through the different parameter and   to change the settings.

Once you have selected your desired settings, press  to confirm these settings.




Programme Settings

Please familiarise yourself with your thermostats pre-programmed factory settings.


| | Monday - Friday | | Saturday | | Sunday | |
|--------------|-----------------|-----------------|----------|-----------------|--------|-----------------|
| Time Display | Time | Set Temperature | Time | Set Temperature | Time | Set Temperature |
| Period 1 | 06:00 | 22°C | 06:00 | 22°C | 06:00 | 22°C |
| Period 2 | 08:00 | 16°C | 08:00 | 16°C | 08:00 | 16°C |
| Period 3 | 12:00 | 22°C | 12:00 | 22°C | 12:00 | 22°C |
| Period 4 | 14:00 | 16°C | 14:00 | 16°C | 14:00 | 16°C |
| Period 5 | 18:00 | 22°C | 18:00 | 22°C | 18:00 | 22°C |
| Period 6 | 22:00 | 16°C | 22:00 | 16°C | 22:00 | 16°C |




Before configuring your thermostat, please consider key parts of your day in order to maximise it's efficiency and efficacy.

Please remember that your underfloor heating will need a longer period of time to heat up when compared to your typical radiator system. With this in mind, it is advised to have your heating turn on roughly an hour in advance.

Using  to change through the different parameters, adjustments can be made to Day, Time & Temperature for each of the time periods detailed in the table. Use   to adjust the flashing parameter.

The programme cycle uses a 5+1+1 layout which groups Monday to Friday (5) and gives you individual customisation for Saturday (1) and Sunday (1) for more flexibility.

To access these settings, firstly with the thermostat powered on, press  over 5 seconds.

Using  to change through the different parameters are explained above and using   to set the relative values.

App Connection

Your smart thermostat is compatible with both the Smart Life and Tuya apps. You can control your devices with voice control by integrating your amazon echo or google assistant.

Integrating a simple user friendly interface with elegant features for pleasant and straightforward control over your devices.

You can remotely control your heating from anywhere with a Wi-Fi connection. With the option to also share control of the devices among family members.

Getting connected:


1. Start with installing the app on your device.
2. Open the application and register for an account.
3. The app will automatically detect your country code. In case it does not detect, you will be required to submit manually.
4. You will receive a verification code in order to confirm your details.

5. Click on the plus icon in the top right of the app to add a device.
6. The app should automatically pair with the device.

If the connection fails, you will be required to pair with the app manually.

7. Please follow the on-screen prompts to connect your device manually.

Troubleshooting:


To reset the thermostats Wi-Fi chip, press the power  button over 7 seconds. You will notice that the Wi-Fi symbol will start flashing. This means that the Wi-Fi has been reset.

Repeat this process to switch Wi-Fi mode.

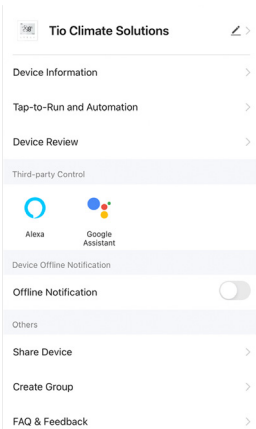
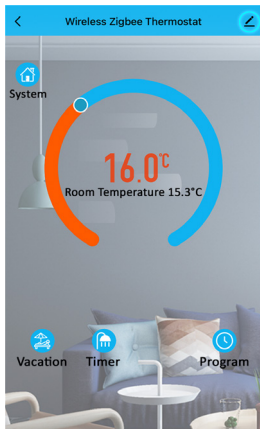
Slow Blink - AP Mode, suitable for most Wi-Fi setups. (Access Point)

Rapid Blink - EZ Mode, requires EZ compatibility. (Easy/Smart Config)

Voice Control

Select  icon to access the settings menu. You can now access both Alexa and Google Assistant under the “Third-Party Control” tab.

Please note that the compatibility and connection between the Smart Life app and third-party voice control platforms is facilitated via Smart Life and not Tio Climate Solutions Ltd.



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