Control, wherever you are

Baxi uSense 2 Wired Smart Thermostat **User guide**

BAXI uSense 2

Get more out of your heating

More control
Schedule your heating to fit in with your lifestyle.

More flexibility
Control your heating from your smartphone or tablet, anytime, anywhere. Never come home to a cold house again.

More savings
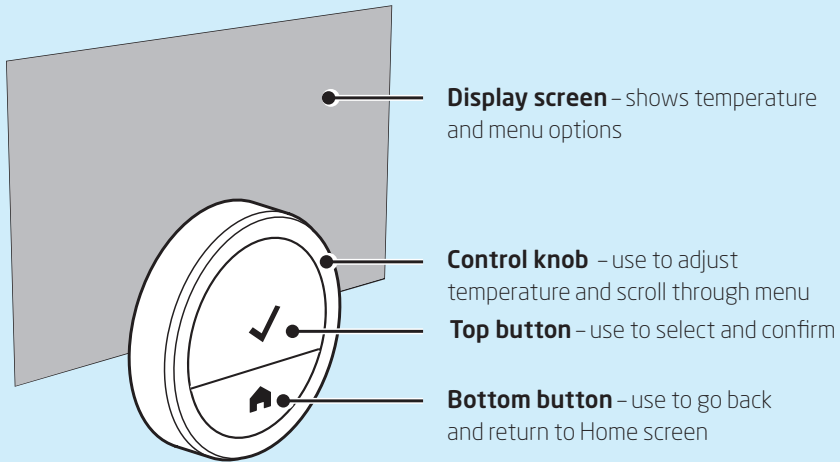Keep an eye on how much energy you're using. Enjoy maximum efficiency and manage your bills.
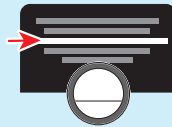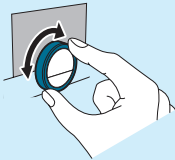
It's as easy as 1,2,3

Just follow our quick, step by step guide to get started.

1 Set up your uSense 2 thermostat

2 Connect to Wi-Fi

3 Download the Baxi Thermostat App and pair your uSense 2 with your smart device
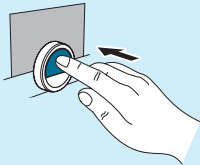
1 Setting up your uSense 2 thermostat
Get to know your uSense

Display screen – shows temperature and menu options

Control knob – use to adjust temperature and scroll through menu

Top button – use to select and confirm

Bottom button – use to go back and return to Home screen

Change temperature / scroll menu

Turn the control knob to change the temperature (clockwise to increase the temperature and anticlockwise to reduce the temperature) and scroll through the menu.
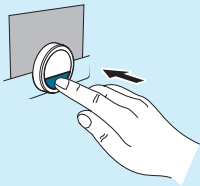
Select / Confirm

Press and release the top button to select.
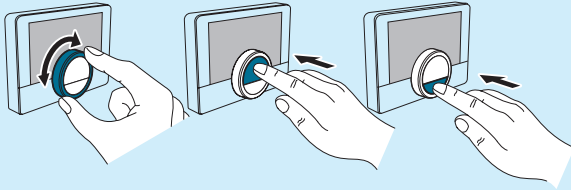
Press and hold down top button to confirm.

< 1 sec

> 1 sec

Confirm / Return to Home screen

Press and release the bottom button to go back.

Press and hold down bottom button to return to Home screen.

< 1 sec

> 1 sec

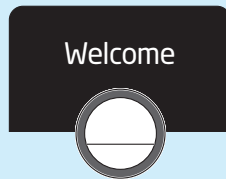# **1** Setting up your uSense 2 thermostat
Getting started

Turn on display screen
To turn on the display screen you can press the top or bottom button or turn the control knob.
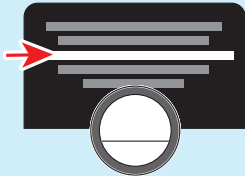
The screen will switch off after 30 seconds if the thermostat is not touched.

If the Presence Sensor is activated, the display screen will turn on automatically as you move your hand towards the thermostat. The Presence Sensor can be deactivated.

Welcome screen
The first time you activate your uSense 2 thermostat, you will be greeted with a welcome screen.

> 1 sec

Select country

Scroll through the list of countries using the control knob. Press the top button to select, then press and hold the top button to confirm.

Select language

Scroll through the list of languages using the control knob. Press the top button to select, then press and hold the top button to confirm.

Set date and time

Scroll through the date and time list using the control knob. Press the top button to select, then press and hold the top button to confirm.

Accept terms and conditions

Click to accept the terms and conditions for connecting to the internet.

1 Setting up your uSense 2 thermostat

Explore all the different functions

Enable Manual Mode

Set Holiday function

Set timer and temperature

Antifrost settings

Short temperature change

Clear short temperature change

Error		Outside temperature	
Installer contact details		Settings	
Heater		Energy consumption	
Technical information			

2 Connect to Wi-Fi

Choose your Wi-Fi connection

1 Press and release the top button to show the menu.

< 1 sec

2 Use the control knob to scroll to **Settings**.
Press and release the top button to select.

3 Scroll to **Wi-Fi** using the control knob.

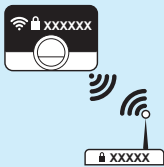Press and release the top button to select.

< 1 sec

4 Scroll through the available networks to find your
home internet, using the control knob.
Press and release the top button to select.

5 Enter **your internet password** using the control knob to select the appropriate upper and lower case letters and characters; press and release the top button to confirm each character.

6 Select **tick** and press and release the top button to confirm password.

> 1 sec

You will now be returned to the home screen.

Preheat settings will now appear – set this to **OFF** by turning the control knob and pressing the top button to confirm.
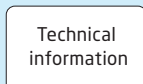
2 Connect to Wi-Fi

Check the Wi-Fi connection

1 From the Home screen, press and release the top button to go to the menu.

< 1 sec

2 Scroll to **Technical information** using the control knob.

Press and release the top button to select.

Technical information

< 1 sec

3 Details of your internet connection will appear on screen. Check it is correct.
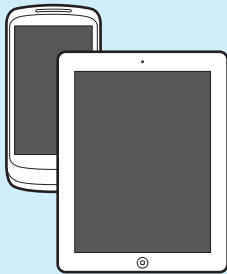
4 Return to the Home screen by pressing and holding the bottom button.

< 1 sec

3 Download the Baxi Thermostat App and pair your smart device

Visit the app store on your smartphone or tablet and search for the Baxi Thermostat App.

Follow the instructions on the Baxi Thermostat App and on the next page to create an account and pair your smart device with your uSense 2 thermostat.

Once you have paired them, you can set up your heating schedules and set your heating and hot water temperatures via your smart device.

3 Pairing your uSense 2 Thermostat

1. Press and release the top button to go to the menu.

2. Scroll to **Settings** using the control knob.
   Press and release the top button to select.

3. Scroll to **Register phone or device** using the control knob.
   Press and release the top button to select.

4. Your uSense thermostat will generate a **unique authentication code**.
   Enter the **unique authentication code** or scan QR code
   on your smartphone or tablet.

5. Create your account by entering your email address and password.
   You will receive an email from uSense 2, click on the link to
   activate your account.

6. Return to the Home screen by pressing and holding the bottom button.

4 Deactivating the pre-heat function

Pre-heat function

The device incorporates an activated pre-heat feature that will demand that the appliance operates up to three hours before the set "On" time, depending on the difference between actual room temperature and set temperature.

For example, if a temperature of 20°C has been set for 08:00 and the actual room temperature at 05:00 is 13°C the appliance will fire. However, if at 05:00 the room is at 19°C the appliance will remain off until 07:00.

This Pre-heat function is set as a factory default!

If Pre-heat function is NOT required proceed as follows:-

1. Press the "Baxi" button and turn the dial clockwise until the menu item "Settings" is highlighted.

2. With "Settings" highlighted select by pressing the "Baxi" button.

3. Turn the dial clockwise until the menu item "Pre heat" is highlighted.

4 Deactivating the pre-heat function

4. Turn the dial clockwise until the menu item "Off" is highlighted then press the "Baxi" button to confirm.

The Pre-heat function is now disabled and the appliance will not fire until the set "On" time irrespective of any difference in room and set temperatures.

5 Notes

Should you experience any problems with your uSense 2, please contact your installer. For all other enquiries:

Baxi Customer Support
☎ 0344 871 1545

Opening hours
Monday - Friday, 8.00am-6.00pm
Weekends and Bank Holidays, 8.30am-2.00pm

Please note calls may be recorded for training and monitoring purposes

💻 **baxi.co.uk**

🏠 Baxi
Brooks House,
Coventry Road,
Warwick. CV34 4LL

UK
CA

CE

Please ensure the uSense is installed in accordance with these installation instructions and that you adhere to the Building Regulations.

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All descriptions and illustrations provided in this document have been carefully prepared but we reserve the right to make changes and improvements in our products which may affect the accuracy of the information contained in this booklet. All goods are sold subject to our standard Conditions of Sale which are available on request.

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BAXI
Make it easy