SPECIFICATION SHEET

habi
by SALUS Controls

iT850

Matter Wireless Room Thermostat



About this product...

The Matter iT850TX Thermostat and iT850RX Boiler Receiver combination, provides seamless connectivity and efficient control of your home's heating and hot water systems.

The Boiler Receiver, acting as a router, communicates with the thermostat via the Thread protocol and connects to the internet via Wi-Fi for remote access. The Receiver features a second relay for hot water control, ensuring comprehensive management of both systems.

This advanced setup ensures reliable performance and convenience, making it an ideal choice for modern smart homes.

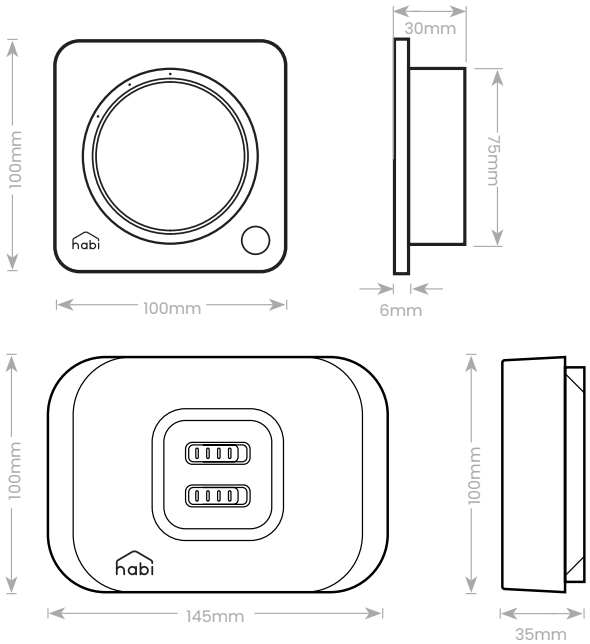
Features

- Simple & Quick Installation
- Control locally or from your Phone.
- Adjust the temperature anytime, anywhere.
- Programmable daily, weekly or 5/2 via App
- Control heating or heating and hot water
- 5 Years Warranty

matter

Specification

Software	Supports Matter 1.2
Input Power Thermostat	2 x AA Batteries
Input Power Receiver	230V AC 50Hz
Dust and water proof level	IP30
Unit of temperature measurement	°C or °F
Safety Approval	Class I
Control	Control locally or remotely via Habi App
Warranty	5 Years



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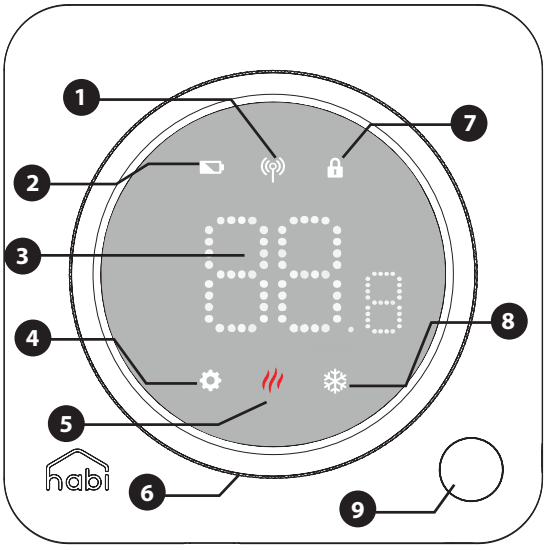
iT850 Thermostat – Technical Data

Electrical and Mechanical Specifications

Connectivity	Local Communication via Thread 2.4GHz
Input Power	2 x AA Batteries
Unit of temperature measurement	°C or °F
Temperature Display Resolution	0.5°C or 1°F
Dimensions (H x W x D)	100mm x 100mm x 30mm
Material (Housing)	White, Gloss Plastic
Operating Temperature	0°C – 50°C
Storage Temperature	-10°C – 60°C
Installation	Wall mounted (using mounting plate)
Safety Approval	Class I
Relative humidity (non-condensed)	<90% RH
Dust and water proof level	IP30
Regulation	CE, Matter 1.2, UKCA, PSTI
Transmit Range for Thread	100m in open area
Matter	802.15.4
Firmware update	Over the air firmware update capability
Dual Control	Controls both heating and hot water
Control	Control locally or remotely via Habi App
Guarantee	5 Years Warranty

Thermostat Display & Buttons

1. RF Signal Indicator
2. Low Battery Indicator
3. Temperature Display
4. Settings Indicator
5. Heating Indicator
6. Dial
7. Locked Mode (Child Protection)
8. Off Mode (Frost Protection)
9. Function Button

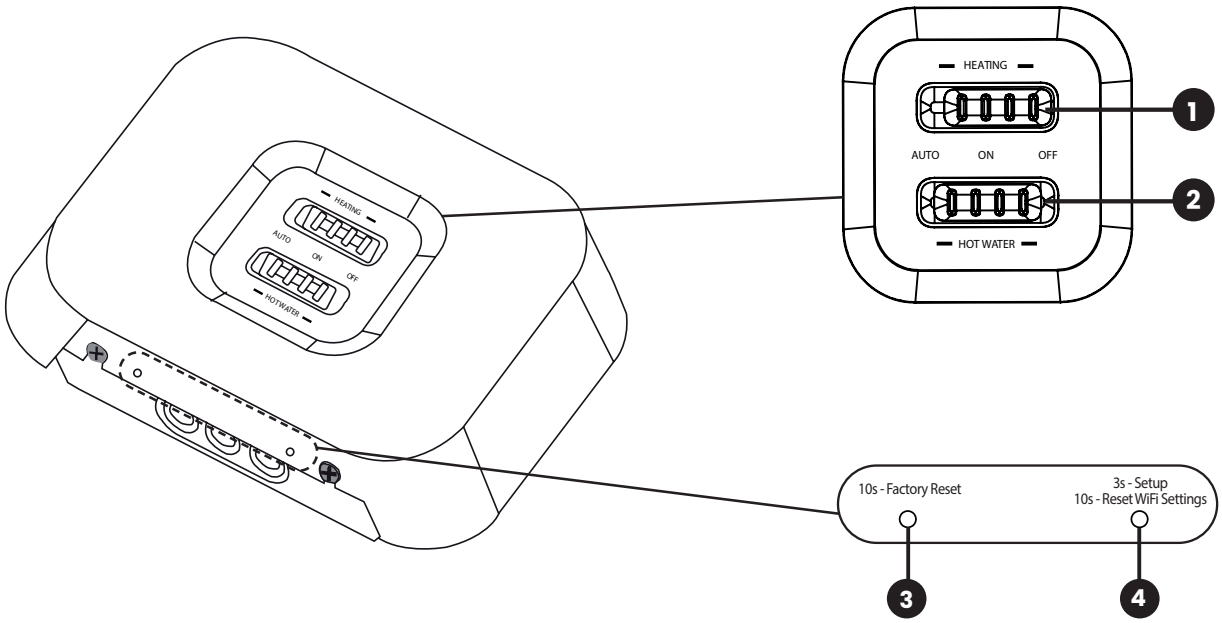


iT850RX Receiver - Technical Data

Electrical and Mechanical Specifications

Connectivity	WiFi 2.4GHz Bluetooth LE (For provisioning)
Input Power	230V AC 50Hz
Switch Rating	16(5) Amp (Heating) - 5(3) Amp (Hot water)
Output	0 - 230V
Channels	Dual channel control with flexible-use volt free relays
Dimensions (L x H x D)	145mm x 100mm x 35mm (receiver) 100mm x 100mm x 32mm (thermostat)
Material (Housing)	White, Plastic
Firmware update	Over the air firmware update capability
Operating Temperature	-20°C to +40°C
Safety Approval	Class I
Guarantee	5 Years Warranty

Receiver Buttons & Functions



1. Central Heating slide switch
2. Domestic Hot Water switch
3. Factory Reset push button
4. Setup & WiFi Reset button

AUTO - Depending on the system output decision, Central Heating and/or Hot Water will be ON or OFF.

ON - Central Heating and/or Hot Water always ON.

OFF - Central Heating and/or Hot Water is turned OFF.

Control & Monitor from anywhere...

With the Habi App.
Download it from Google Play or the App Store.

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Download on the App Store



Compatible with all major smart systems

works with Google Home

Works with Apple Home

works with alexa

Works with SmartThings

Scan QR Code to View Product on Website

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