Honeywell | Lyric T6 Smart Thermostat

EN Install Guide

Compatible with 24-230V on/off and OpenTherm® appliances such as gas boilers, combi-boilers and heat pump. Also works with zone valve applications but not with electric heating (240V).

Need help? For assistance please visit: **getconnected.honeywell.com**

Approvals
Conforms to protection requirements of the following directives: **EMC: 2014/30/EU**, **LVD: 2014/35/EU** and **R&TTE: 1995/5/EC.** Hereby, Honeywell, declares that this thermostat is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
ErP: Class V (+3%), (EU) 811/2013 Receiver Category: 2

CE

ErP Class V +3%

⚠ **Must be installed by a competent person!**
Read these instructions carefully. Failure to follow these instructions can damage the product or cause a hazardous condition.
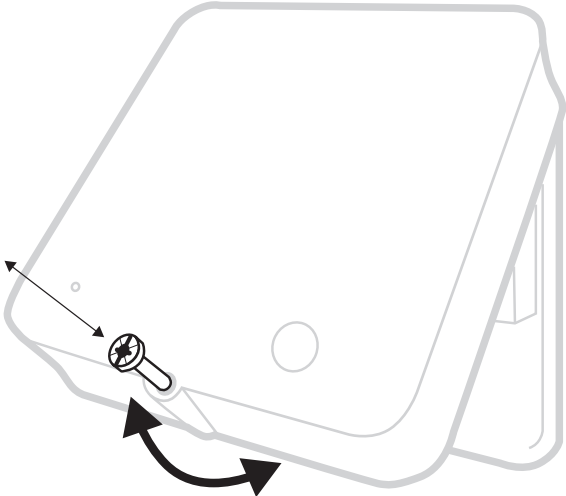
1 Turn OFF the power and remove the old thermostat

To ensure your safety, **always make sure mains power is switched OFF** before accessing wiring.

Before removing the old thermostat take a picture of the old thermostat's wiring as reference then proceed to installation.
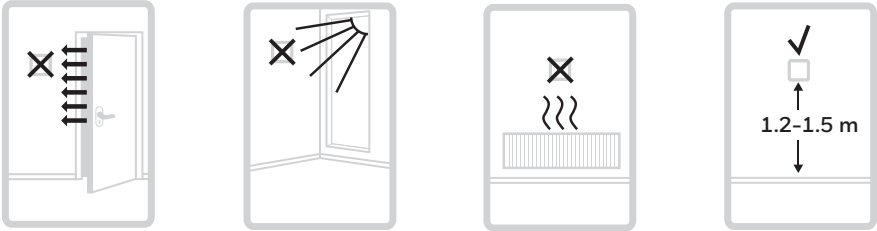
1.2-1.5 m

The T6 thermostat should not be placed near draughts, in direct sunlight or near heat sources. It should be at least 1.2 - 1.5 meters from the floor.

Maximum cable length between Receiver box and thermostat:
15m for 0.5mm² cable or 20m for 1.0mm² cable.

WEEE Directive 2012/19/EC Waste Electrical and Electronic Equipment directive
At the end of the product life dispose of the packaging and product in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.

2 Prepare Receiver Box for installation

Before installation of the Receiver Box

Find a suitable location near to the boiler.

Loosen the front screw to remove cover or tighten it when the cover is back in place.
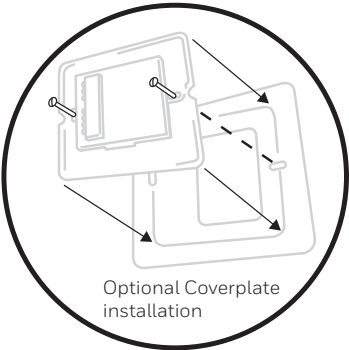
Needed during installation:

- Cable with 2 wires from the Receiver Box (R4H810A) to thermostat.
- Cable with 2 wires from the boiler to Receiver Box.
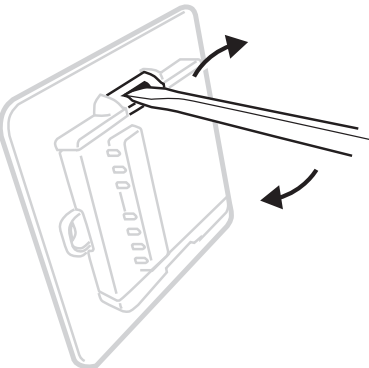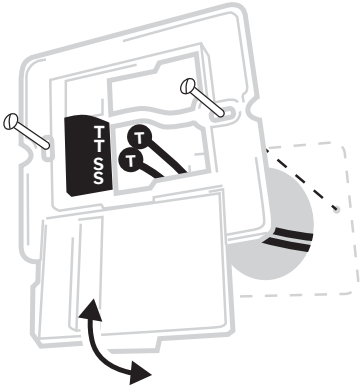- The Receiver Box requires 230V power

3 Install the Receiver Box

⚠ Please refer to the wiring diagrams over the page

A) Wall box or Rear Wiring
Hinge open the terminal block flap to access the cables and wall box screw holes.

Max 6 mm | min 0.25mm² max 1.5mm²

B) Surface wiring
Use the cable clamps to secure the surface wiring.
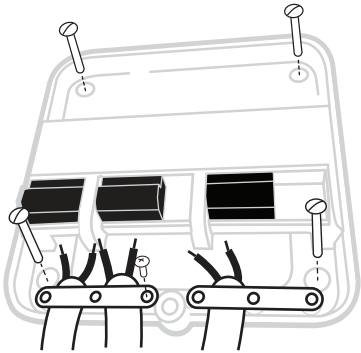
C) Replace the cover
Locate the hinges at the top of the cover and wall plate, close the cover and secure with the screw.

4 Install the Lyric T6 thermostat

Remember to use the same wires that you connected to the Receiver Box when connecting to the thermostat.

Optional Coverplate installation

A) Using a screwdriver open wallplate terminal cover to connect wires

B) Connect 2 thermostat wires to the **T** and **T** terminals and close cover.
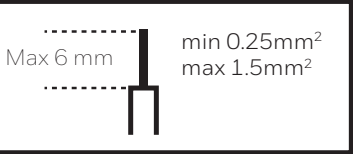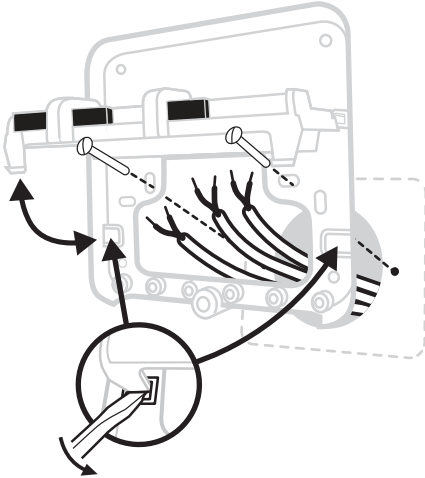
C) Attach the thermostat to the wallplate when finished.

5 Complete installation

Turn ON mains power to the Heating Appliance and Receiver Box.

After powering up both devices the green LED is on.

Push the button to check if the boiler switches on. Button lights green.

SETUP

After power up, SETUP is displayed on the thermostat's screen.

6 Set Up and configuration
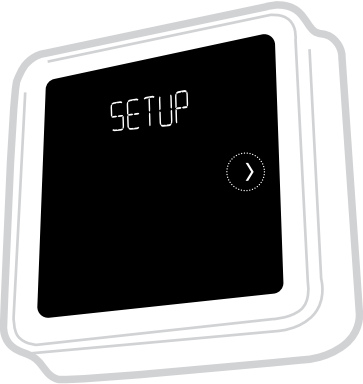
SETUP

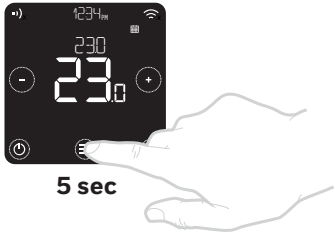**1)** Touch ❯ to begin setting up the thermostat.

SETUP
LANGUAGE
✓

2) Select your language.

SETUP
CLOCK
‹ ›
↩ ✓

3) Set the clock format, time and date.

SETUP
◀ CONFIGURE W
↩ ✓ ✕

4) Touch ✕ to finalise setup.

(✓ to setup using the App is currently unsupported)

Once setup is completed, if you need to change more settings go to the advanced menu. To access the advanced menu press ☰ for 5 seconds.
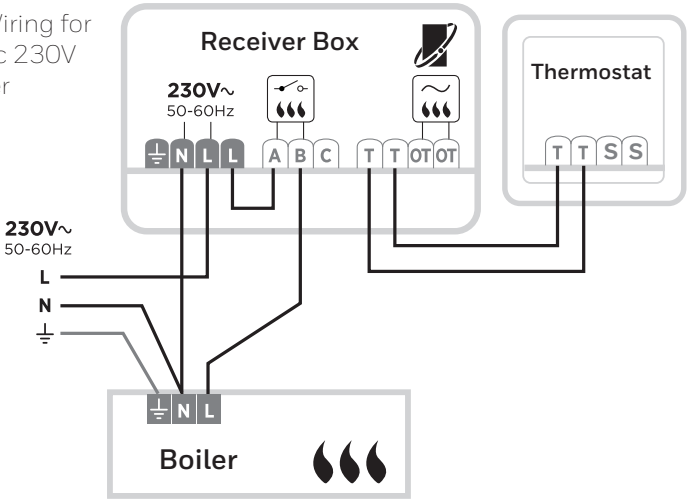
5 sec

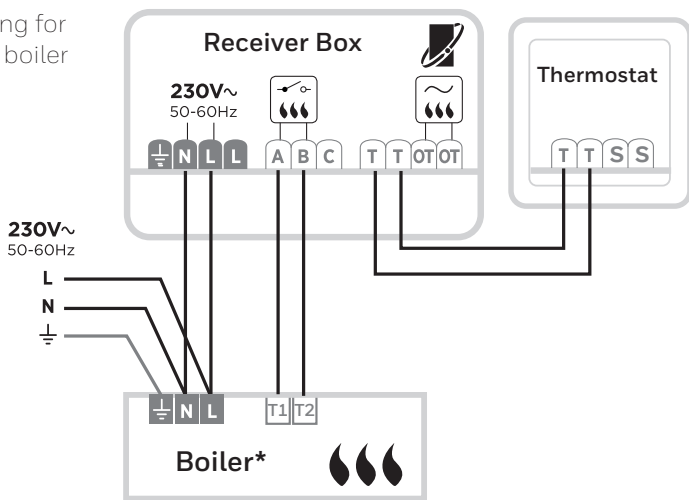**In the advanced menu the following settings can be adjusted:**

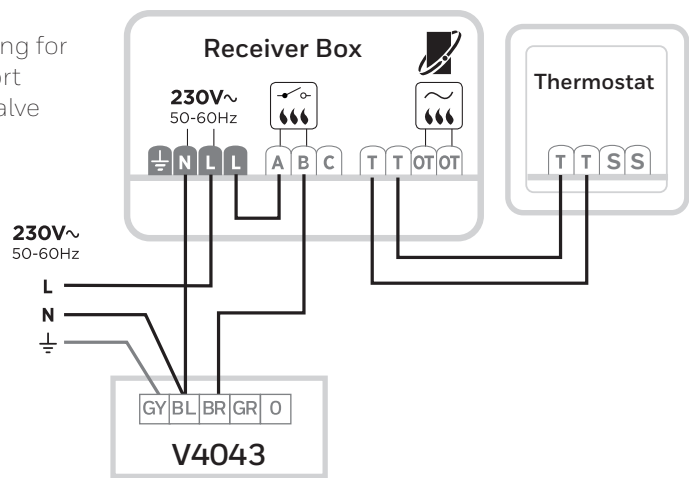| Menu Item	Default	Options
LANGUAGE	English	0 = English, 1 = Français, 2 = Español 3 = Deutsch, 4 = Nederlands, 5 = Italiano
OPENTHERM	-	OpenTherm boiler data when available
CYCLE RATE	6	3, 6, 9 or 12
MINIMUM ON TIME	1 minute	1, 2, 3, 4 or 5 minutes
HEAT RANGE	Min = 5.0ºC Max = 35.0ºC	Min: 5ºC to 21ºC, Max: 21ºC to 35ºC
SCHEDULE OPTIONS	Daily	1 = Daily schedule, 2 = 5+2 days schedule
EXTERNAL SENSOR	No sensor	0 = No sensor, 1 = Room sensor
OPTIMISE	Opt. start OFF Opt. stop OFF	Opt. start: 0 = OFF, 1 = ON, 2 = Delayed start Opt. stop: 0 = OFF, 1 = ON
CLOCK	Format: 24h Time: --:-- Date: 01/09/16	Clock format: 1 = 12h, 2 = 24h Setup time and date
LOW LOAD CONTROL	ON	0 = OFF, 1 = ON
TEMPERATURE OFFSET	0.0ºC	-1.5 ºC to 1.5ºC
RESET	-	Factory, schedule, WiFi and HomeKit reset
FAILSAFE	OFF	0 = OFF, 1 = ON

Wiring Diagrams

A) Wiring for basic 230V boiler

Receiver Box
230V∼ 50-60Hz
⏚ N L L A B C T T OT OT
Thermostat
T T S S
230V∼ 50-60Hz
L
N
⏚
⏚ N L
Boiler

B) Wiring for Combi boiler

Receiver Box
230V∼ 50-60Hz
⏚ N L L A B C T T OT OT
Thermostat
T T S S
230V∼ 50-60Hz
L
N
⏚
⏚ N L   T1 T2
Boiler*

C) Wiring for OpenTherm boiler

Receiver Box
230V∼ 50-60Hz
⏚ N L L A B C T T OT OT
Thermostat
T T S S
230V∼ 50-60Hz
L
N
⏚
⏚ N L   T1 T2
Boiler*
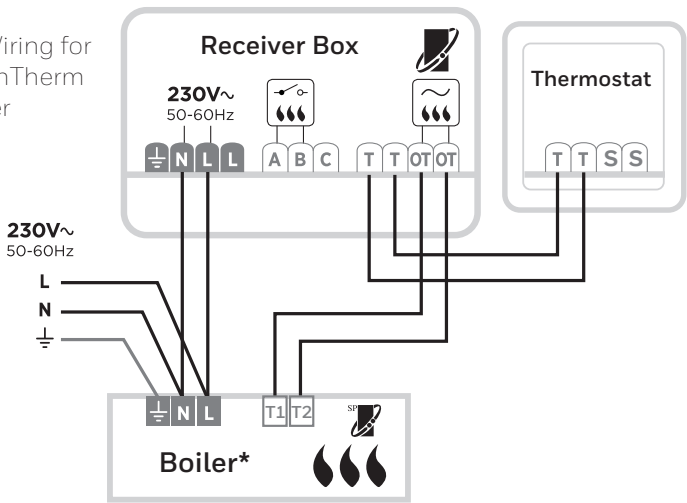
D) Wiring for two-port zone valve

Receiver Box
230V∼ 50-60Hz
⏚ N L L A B C T T OT OT
Thermostat
T T S S
230V∼ 50-60Hz
L
N
⏚
GY BL BR GR O
V4043

For other wiring diagrams visit:

http://www.honeywelluk.com/ professional-zone/resource-centre/ Wiring-Diagrams/

* See boiler specifications for correct terminals

Honeywell

32308180-001 D