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).

Manufactured for and on behalf of the Environmental and Energy Solutions Division of Honeywell Technologies Sàrl, ACS-E&ES, Z.A. La Pièce 16, 1180 Rolle, Switzerland by its Authorised Representative Honeywell Inc.

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

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Approval

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





Must be installed by a competent person!

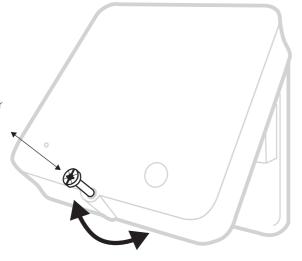
Read these instructions carefully. Failure to follow these instructions can damage the product or cause a hazardous condition.

Prepare Receiver Box for installation



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.

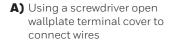


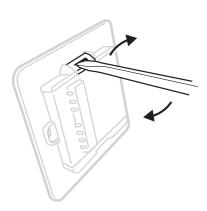
Needed during installation:

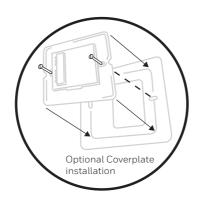
- Cable with 2 wires from the Receiver Box (R4H810A) to thermostat.
- Cable with 2 wires from the boiler to Receiver Box.
- The Receiver Box requires 230V power

Install the Lyric T6 thermostat

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







B) Connect 2 thermostat wires to the **T** and **T** terminals and close cover.



C) Attach the thermostat to the wallplate when finished.

Turn OFF the power and remove the old thermostat

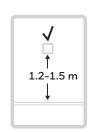
To ensure your safety, **always make sure mains power is switched OFF** before accessing wiring.

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









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.



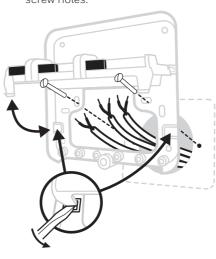
WEEE Directive 2012/19/EC Waste Electrical and Electronic Equipment directive

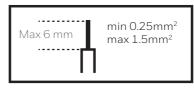
At the end of the product life dispose of the packaging and product in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.

Install the Receiver Box

A) Wall box or Rear Wiring

Hinge open the terminal block flap
to access the cables and wall box
screw holes.



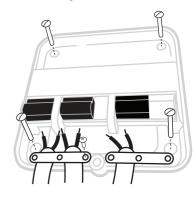


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Please refer to the wiring diagrams over the page

B) Surface wiring

Use the cable clamps to secure the surface wiring.



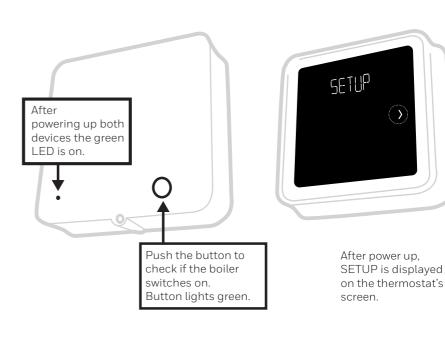
C) Replace the cover Locate the hinges at the top of the cover and wall plate, close the cover and secure with the

screw.



5 Complete installation

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



Set Up and configuration



1) Touch () to begin setting up the thermostat.



2) Select your language.



3) Set the clock format, time and date.



4) Touch (X) 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.

In the advanced menu the following settings can be adjusted:



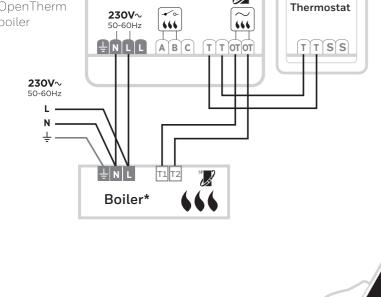
Thermostat

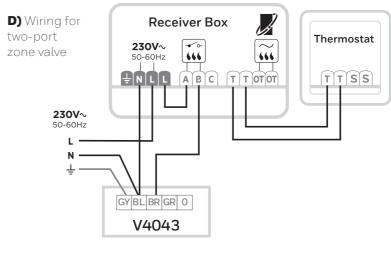
TTSS

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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 = 5.0°C Max = 35.0°C	Min: 5°C to 21°C, Max: 21°C to 35°C
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	0.0°C	-1.5 °C to 1.5°C
RESET	-	Factory, schedule, WiFi and HomeKit reset
FAILSAFE	OFF	0 = OFF, 1 = ON

Wiring Diagrams A) Wiring for **B)** Wiring for **Receiver Box Receiver Box** basic 230V Combi boiler **Thermostat** boiler $\mathbf{230V} \sim$ **230V**∼ 50-60Hz 666 [666] 666 TTSS ABC T T OT OT A B C T T OT OT $\mathbf{230V} \sim$ $\mathbf{230V} \sim$ 50-60Hz Boiler Boiler* **C)** Wiring for **Receiver Box D)** Wiring for OpenTherm two-port Thermostat **230V**∼ 50-60Hz $\mathbf{230V} \sim$ boiler zone valve 666 666 666







^{*} See boiler specifications for correct terminals