# Quantum dial thermostat-RF

Our unique Quantum dial thermostat-RF is the only dial thermostat that can be operated remotely via an easy-to-use app or through its simple interface.
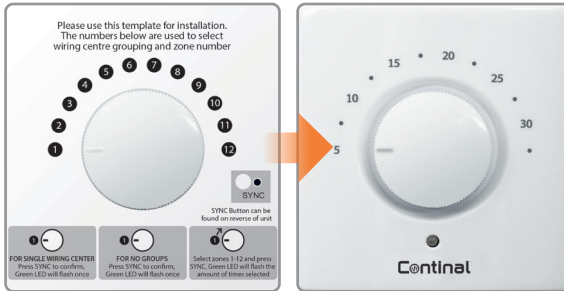
Users appreciate its silent switching and clear LED indicator, while its self-learning feature requires minimal intervention.

## Contents

# 1. Overlay information

**For reference only.** The image on the left explains the correlation between the temperature scale and the pairing scale. To be used for the initial set-up or in case of lost link error. Please keep the sticker on until installation is complete.
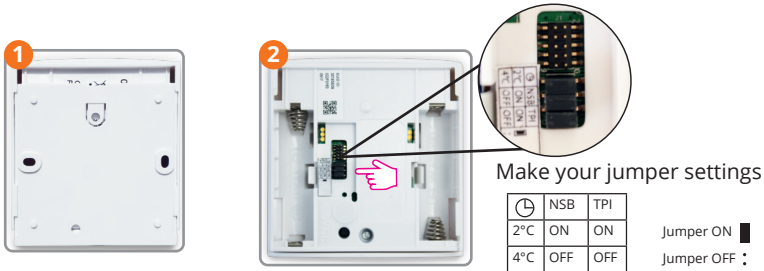


# 2. LED indication

| LED | Meaning |
|-----|---------|
| **Before pairing** | |
| 🔴 (flashing) | Wanting to join network |
| 🔴 | Joined the network successfully |
| 🟢 | *Pairing complete |
| 🟢 (flashing) | Wiring centre number selection OK |
| | Wiring centre group selection OK |
| | Wiring centre zone selection OK |
| | Identify process ON |

\* Only in offline mode

**Note:** When thermostat is calling for heat, the LED will be OFF. If you encounter the lost link error, repeat the pairing procedure.

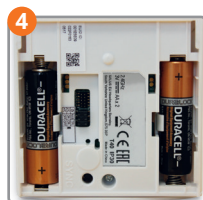| LED | Meaning |
|-----|---------|
| **Error codes** | |
| 🔴 (flashing) | Lost connection with Quantum coordinator / Quantum wiring centre-RF / Quantum hub |
| | Quantum dial thermostat-RF has been reset |
| | Low battery |
| | Air sensor is too short or open |
| | Pairing failed |
| 🟢 🔴 (flashing) | Error when trying to add two Quantum dial thermostat-RF to the same wiring centre zone |
| 🟠 (flashing) | - Device reset; - After pairing in online mode: data being sent to the cloud |

# 3. Installation



Make your jumper settings

| ⏰ | NSB | TPI |
|---|-----|-----|
| 2°C | ON | ON |
| 4°C | OFF | OFF |

Jumper ON ▮
Jumper OFF ⋮

| Jumper | Feature | Default |
|--------|---------|---------|
| PI*/SPAN | TPI (jumper ON) or Span 0.5°C (remove jumper) | TPI ON |
| NSB** | Night Setback ON (jumper ON) or OFF (remove jumper) | ON |
| Setback value | -2°C (jumper ON) or -4°C (remove jumper) | -2°C for heating |

*TPI will determine the pattern of your heating periods and will adjust it so that the temperature point will be maintained longer.
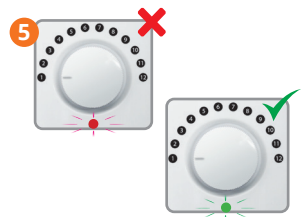
**NSB will only operate if there is a master thermostat set on the wiring centre. If there is no master set, there's no need to remove the jumper.



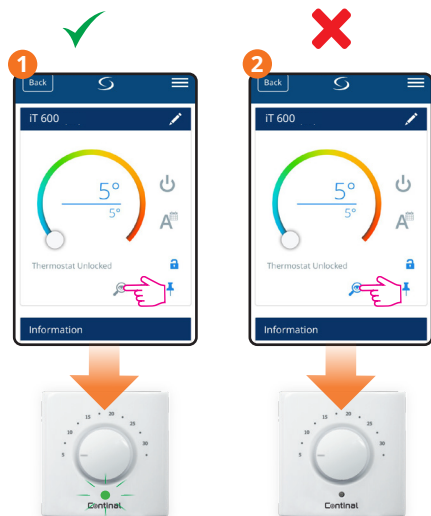Make sure that the thermostat dial is set in position 1.



Insert the batteries.



If the Quantum dial thermostat-RF flashes green, but you need to re-pair it, read the Reset section.
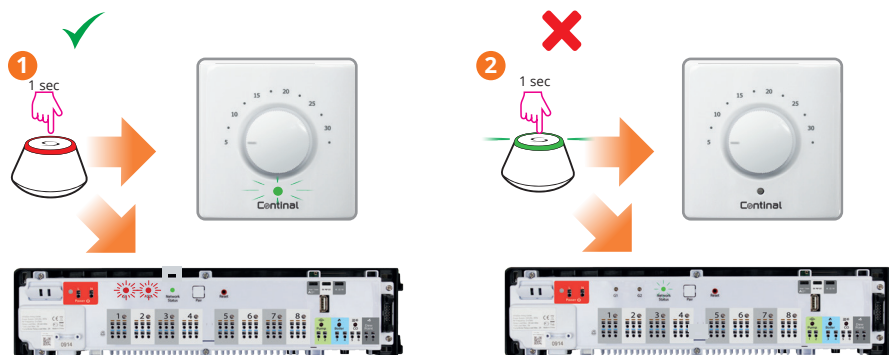
# 4. Linking

Refer to the linking quick guides for instructions on how to link the Quantum wiring centre-RF.
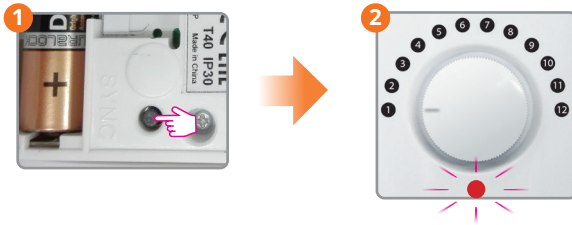This can be found at www.continal.eu/quantum

# 5. Identify (online)



# 6. Identify (offline)

# 7. Factory reset

If a factory reset is required, each Quantum thermostat will need to be factory reset separately to the Quantum wiring centre.

## Quantum dial thermostat-RF



Press the reset button for 5 seconds, then the thermostat will completely reset and remove itself from the ZigBee network.

# 8. Product compliance and safety information

**Product compliance**
This product complies with the essential requirements and other relevant provisions of Directives 2014/53/EU and 2011/65/EU.

(())  2405MHz-2480MHz; <14dBm (ZigBee)

**Safety information**
Use in accordance with the regulations. Indoor use only. Keep your device completely dry. Disconnect your device before cleaning it with a dry cloth.

Note: Always isolate the AC mains supply before installing or working on any components that require 230 VAC supply.

# Want more information?

01 531 4493

www.continal.ie