

MULTI-LANGUAGE
MANUAL



HTR-RF(20) WIRELESS DIAL ROOM THERMOSTAT USER GUIDE

Introduction

HTR-RF(20) is a wireless dial room thermostat used for underfloor heating and it is compatible offline with CO10RF coordinator and online with SALUS Smart Home system (UG600/UGE600/UG800).

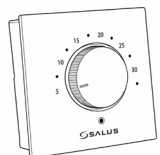
Product Compliance

This product complies with the essential requirements and other relevant provisions of Directives GPSR 2023/988/EU, RED 2025/138/EU and RoHS 2015/863/EU amendment 2017/2102, REACH 253 SVHC 1907/2006. The full text of the EU Declaration of Conformity is available at the following internet address: www.saluslegal.com 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 50Hz supply.

Box Content



HTR-RF(20)
THERMOSTAT



1 X QUICK
GUIDE



2 X AA
ALKALINE
BATTERIES

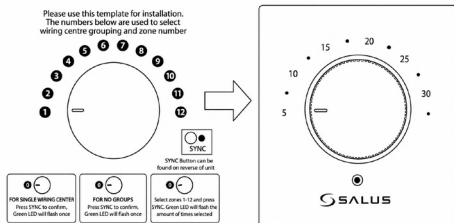


2 X
SCREW



2 X ANCHOR
PLUGS

Overlay Information



For reference only! The image above 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.

LED Indication

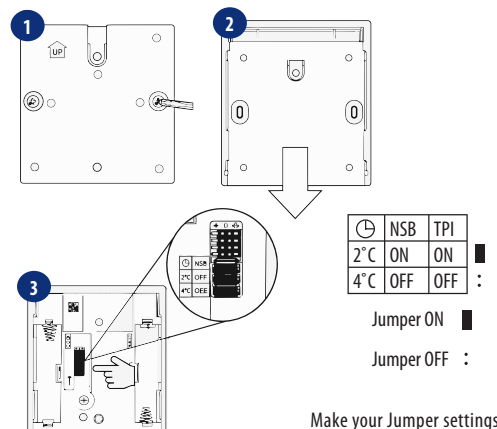
LED	MEANING
BEFORE PAIRING	
	Flashing red - Waiting to join network
	Solid red- Joined the network successfully
	Solid green- *Pairing complete
	Flashing green - *Only in Offline Mode - Wiring Centre number selection OK - Wiring Centre group selection OK - Wiring Centre zone selection OK - Identify process ON

Error Codes

LED	MEANING
ERROR CODES	
	Flashing red - Lost connection with CO10RF / UG600/ UGE600 / UG800 - HTR-RF(20) has been reset - Low battery - Air sensor is too short or open - Pairing failed
	Flashing green and red Error when trying to add two HTR-RF(20) to the same Wiring Centre Zone
	Flashing orange - Device reset - After pairing in online mode: data is being sent to the cloud

Note: When thermostat is calling for heating/cooling, the LED will be OFF. If you encounter the lost link error, repeat the Pairing procedure.

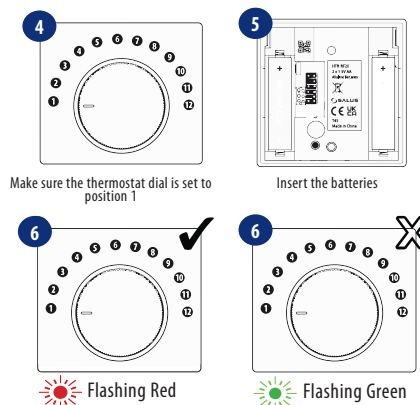
Installation



Make your Jumper settings

JUMPER	FEATURE	DEFAULT
TPI*/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 and +2°C for cooling

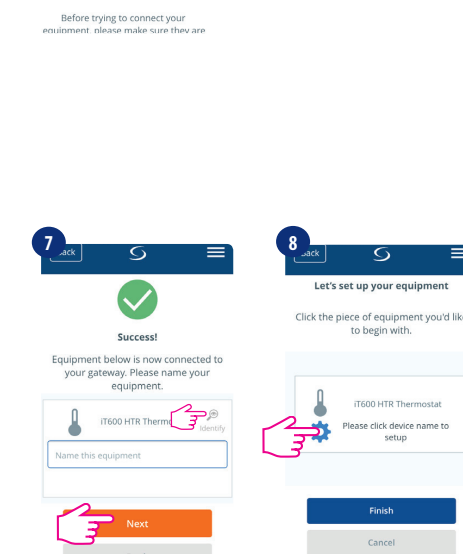
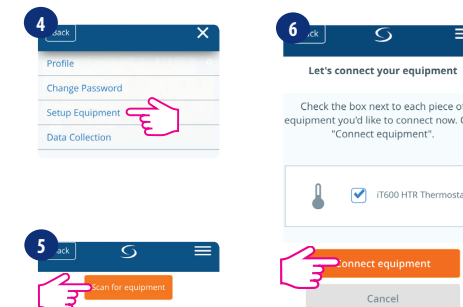
*TPI will determine the pattern of your heating periods and will adjust it so that the temperature point will be maintained longer.
**NSB will only operate if there is a master thermostat set on the Wiring Centre. If there is no master set, there's no need to remove the jumper.
***If you have a master thermostat connected to your system and NSB is active, NSB will automatically adjust the setback value according to the selection of the jumper.



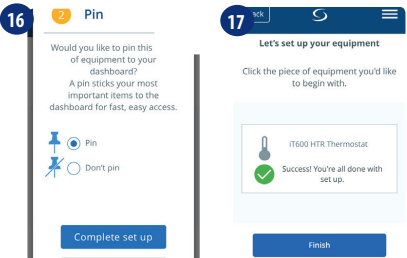
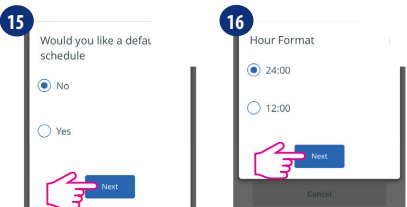
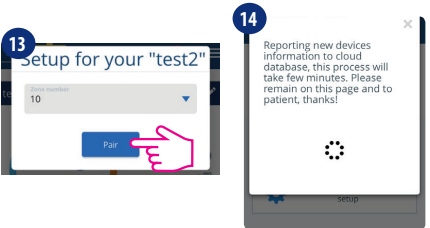
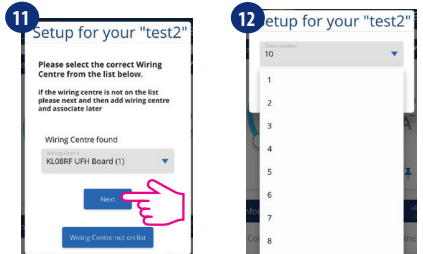
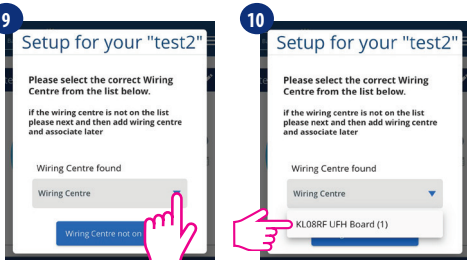
Check the status of the HTR-RF(20) during the first power up. Flashing RED for 2 sec= NOT PAIRED. Flashing GREEN for 2 sec = PAIRED. If HTR-RF(20) flashes green, but you need to re-pair it, please check the Reset section.

Pairing mode ONLINE

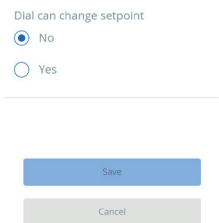
Please use the online pairing method when you are using gateways to configure your system. Follow the on-screen instructions to complete the setup.



Optional: press the magnifying glass symbol. You can identify your device and rename it.



Dial Function



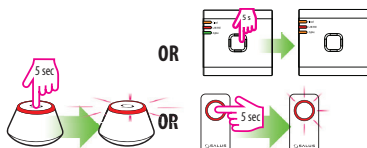
In order to access the dial function menu, press the settings symbol > advanced settings > next.
Dial can change setpoint:
No - dial disabled (control through the app only)
Yes - dial can override the app set point

Pairing Mode OFFLINE

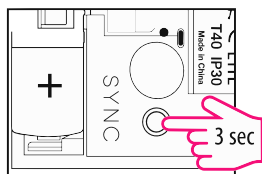
The offline pairing method should be used by non-internet users only.
WARNING! Do not use C010RF coordinator with UGE600 simultaneously.

Use the pre-set dial position for pairing 1 wiring Centre, 0 Groups and 1 Zone. For more Wiring Centres, Groups or Zones please move the dial in the desired position. Note: The number of times the LED flashes green will correspond with the number of the Wiring Centre, of the Groups or of the Zones selected.

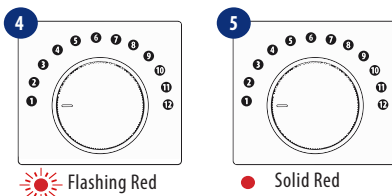
- 1 Install the wiring centre according to the instructions attached to the product
- 2 Open the ZigBee network



- 3 Press the SYNC button until the LED is flashing red.

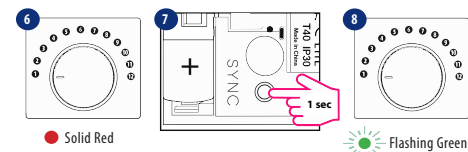


HTR-RF(20) has joined the network once the LED is solid red.



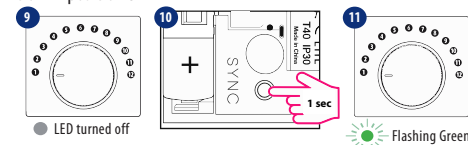
Select the Wiring Centre (WC) number (up to 9 centres):

- 1 WC = position 1
- 2 WC = position 2
- 9 WC = position 9



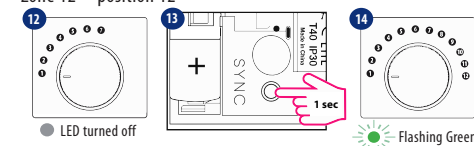
Select the Group number:

- No grouping = position 1
- Gr. 1 = position 2
- Gr. 2 = position 3

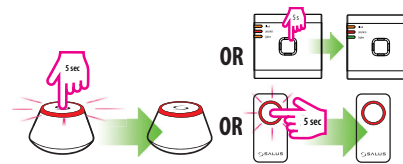


Select the Zone number (up to 12 zones):

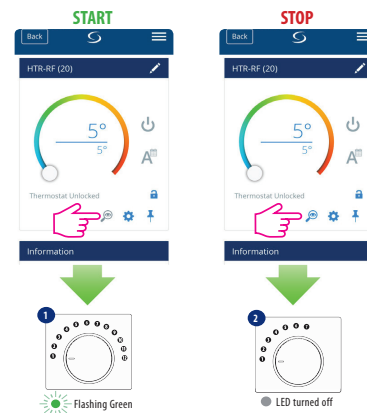
- Zone 1 = position 1
- Zone 2 = position 2
- Zone 12 = position 12



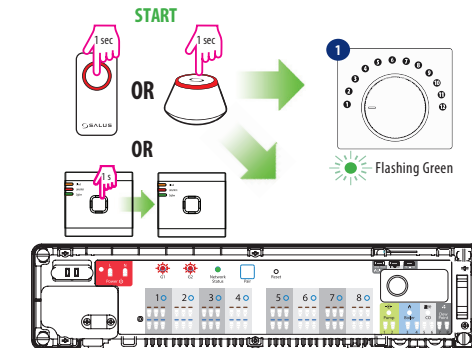
- 15 Close the ZigBee network



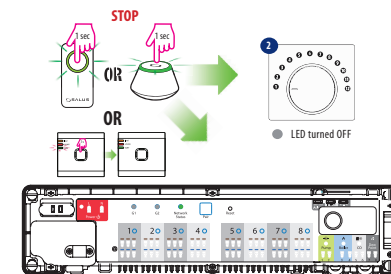
Identify (ONLINE)



Identify (OFFLINE)



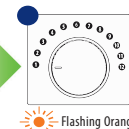
KLOBRF-G1, G2 LEDs - flashing Red ; Network Status- Solid Green



KLOBRF-G1, G2 LEDs - Off ; Network Status- Solid Green

Factory Reset

1. Press and hold the "Sync" button
2. Insert the batteries
3. Release the "Sync" button



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