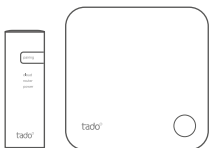




- EN
- DE
- IT
- ES
- FR
- NL

# Manual for Professional Installers

For the Starter Kit - Wired Smart Thermostat V3+  
English International



This manual is meant exclusively for professional installers. It includes generic instructions to install the tado° Smart Thermostat.

Manual version 3.2

## DIY Installation

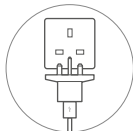
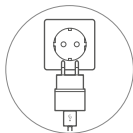
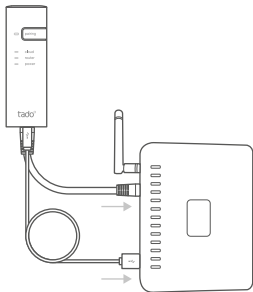
If you are not a professional installer, please **download the tado° app**. There you will find specific installation instructions.



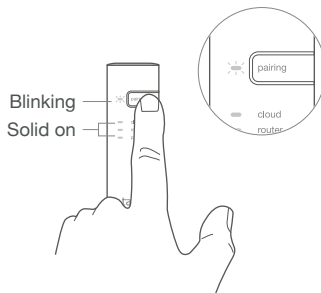
# 1. Install the Internet Bridge

**A.** Connect the Internet Bridge to the router.

If no free USB port is available on the router, use the included 5V power adapter.

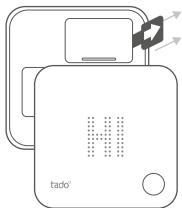


**B.** Press and hold the pairing button until the pairing LED starts blinking.

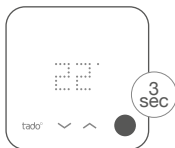


# 2. Pair the Smart Thermostat

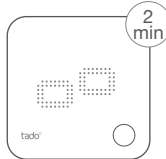
**A.** Remove the battery protection strip.



**B.** Press the button for 3 sec to start pairing.



**C.** Pairing may take up to 2 min.



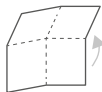
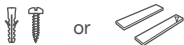
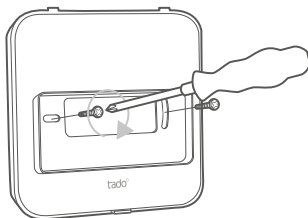
**D.** The static icon below indicates successful pairing.



If pairing fails (E0), make sure the distance between the devices is approximately 3 meters. Pair again by pressing the button for 3 sec.

# 3. Mount the Smart Thermostat

Mount the backplate of the Smart Thermostat to the wall using the included screws or the adhesive pads.



Unfold to check:  
**Step 4: Wire the Smart Thermostat**  
**Step 5: Configuration**

# 4. Wire the Smart Thermostat

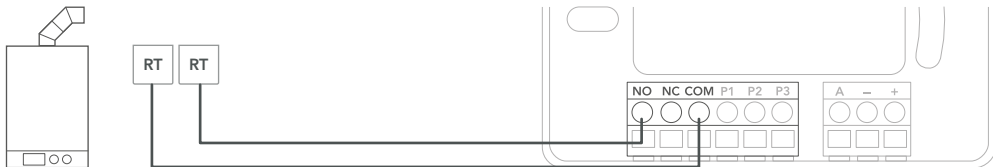
**⚡ Caution!**  
Turn OFF the power before wiring!

**ⓘ Check the boiler manual before wiring.** Identify the control interface and check if it is supported by tado°.

For wiring to the zone valve/underfloor heating valve, check the manual of the valve.

The default factory configuration is Relay. If the Smart Thermostat is wired via Relay, step 5 (configuration) can be skipped.

## Potential Free Relay



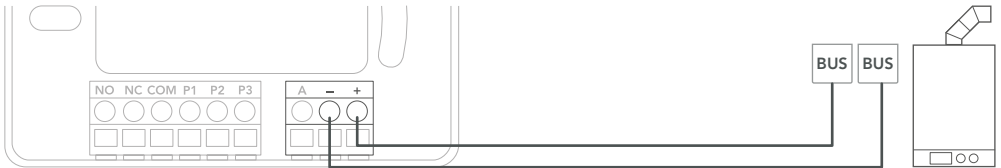
## 230V Relay



Manufacturer	Control Interface	Config. Menu ID	Hot Water control	tado° terminals COM	NO
Various	Potential Free Relay	R01	✗	RT	RT
Various	230V Relay	R01	✗	L	SL

**ⓘ Common terminal labels on the boiler.**

# Digital



Manufacturer	Control interface	Config. Menu ID	Hot Water control	tado° terminals	
				-	+
Various	Opentherm	D01	✓	OT(-)	OT(+)
Vaillant, Glowworm, Heatline, Saunier Duval, AWB, Bulex, Hermann	Vaillant-e-Bus * **	D07	✓	eBUS(-)	eBUS(+)
	Vaillant-e-Bus* (with VRC 430/470)	D05	✗	eBUS(-)	eBUS(+)
Junkers, Worcester, e.l.m. leblanc, Bosch	HT-Bus**	D17	✓	B	B
Buderus, Nefit, Sieger, Bosch	EMS-Bus**	D31	✓	EMS (1)	EMS (2)
	EMS+ Bus	D27	✗	EMS (1)	EMS (2)
	UBA-Bus	D24	✓	3	4
Chaffoteaux, Ariston	Chaffoteaux Ebus/BridgeNet	D57	✓	T	B
Elco, Brötje, Atlantic, Chappee, Baxi, BaxiRoca	BS-Bus	D62	✓	CL-	CL+
Wolf	Wolf-eBus	D45	✓	eBus(1)	eBus(2)
Viessmann	KM-Bus***	D37	✗	KM-Bus	KM-Bus

\*VR33 OpenTherm translation module (in the Netherlands) should be removed.

\*\*Only compatible with one heating circuit. Any existing fit-in controller should be removed.

\*\*\*Special configuration is needed on the boiler for KM-Bus interface, see table on backpage.

**i Common terminal labels on the boiler.**

# Analog



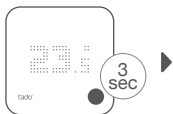
Manufacturer	Control interface	Config. Menu ID	Hot Water control	tado° terminals	A	-	+
Junkers	Junkers 1-2-4 24V	A01	✘	2	4	1	
Vaillant	Vaillant 7-8-9 24 V	A07	✘	7	9	8	
Wolf	Wolf 1-2-3 24V	A08	✘	↓	0V	24V	

**i** Common terminal labels on the boiler.

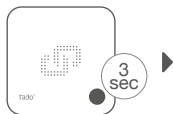
# 5. Configuration

i Use the Smart Thermostat to configure the interface according to the tables above (Hot Water control & Config. Menu ID).

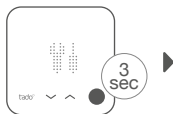
**A.** Press the button for 3 sec and release.



**B.** Press the button for 3 sec again and release.



**C.** Press the button for 3 sec again and release.



**D.** Please wait while the installer menu loads.



**E.** Select the **Config Menu ID** according to the table. Press to confirm.



**F.** Press the button when HC01 is displayed to confirm.



**G.** Based on interface above, activate **Hot Water control**. Press to confirm.



**H.** Press the button when EK is disabled to continue.



**I.** Save configuration by pressing the button.



**J.** Configuration saved.



## Boiler Configuration ONLY for Viessmann KM-Bus

### Controller

Vitotronic 200 /300  
(GW..., HO..., KW...,  
KO...)

### Heating system parameter

90: Time constant for calculating the adjusted outside temperature

A0: Remote Control

b0: Room Temperature Hook-up

b2: Room Influence Factor

b5: Heating Circuit Pump Logic

FA: Increase of the set flow temperature

### Heating system setting

12

1 (or 2)

3

64 (or 31)

5 (or 1)

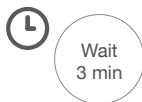
0

# 6. Test the system

**A.** Adjust to maximum temperature.



**B.** Wait 3 min and check if the heating is ON.



**C.** Turn the heating back OFF and check after 3 min.



**D.** Your tado° installation is complete.



# Need help?

Find additional **Professional Installer Manuals** here.



[tado.com/professional-manuals](https://tado.com/professional-manuals)

Find more information on error codes in our **Help Center**.



[tado.com/support](https://tado.com/support)

Register on our **tado° Professional site** for help, tips, and more information.



[tado.com/installers](https://tado.com/installers)

Get expert advice on our **tado° installer hotline**: +44 20 3893 2159

