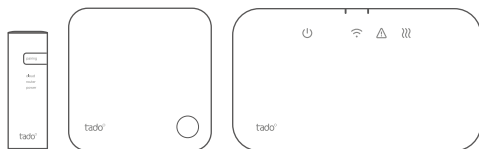




Manual for Professional Installers

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



This manual is meant exclusively for professional installers. It includes generic instructions to install the Wireless Receiver and the Wireless Temperature Sensor.

Manual version 3.2

DIY Installation

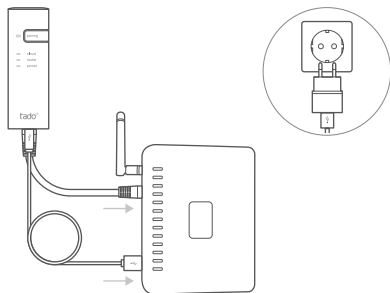
If you are not a professional installer, please **download the tado° app**. There you will find specific installation instructions.



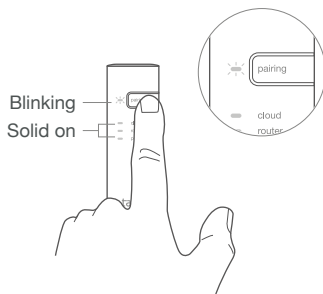
1. Install the Internet Bridge

A. Connect the Internet Bridge to the router.

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

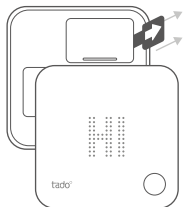


B. Press and hold the pairing button until the pairing LED starts blinking.



2. Pair the Wireless Temp. Sensor

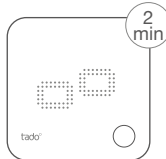
A. Remove the battery protection strip.



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.

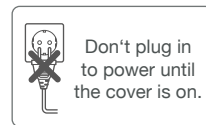
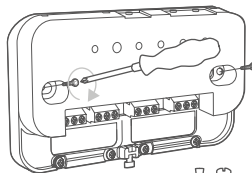
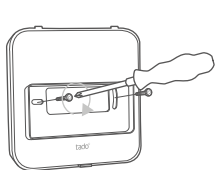


If pairing fails (E0), make sure the distance between the devices is approximately 3 meters. Pair again by pressing the button for 3 sec.

3. Mount tado° devices

A. Mount the Wireless Temperature Sensor to the wall using the included screws or the adhesive pads.

B. Mount the Wireless Receiver to the wall using the included screws.



Extra information: Wireless Receiver Symbols

Power supply



Connection with other
tado° devices



Device errors



Heat request



i When tado° is requesting heat, the Heat request symbol will either fade in and out or be solid ON. When OFF, tado° is not requesting heat.



Unfold to check:

Step 4: Wire the Wireless Receiver

Step 5: Pair the Wireless Receiver

Step 6: Configuration

4. Wire the Wireless Receiver



Caution!
Turn OFF the power
before wiring!



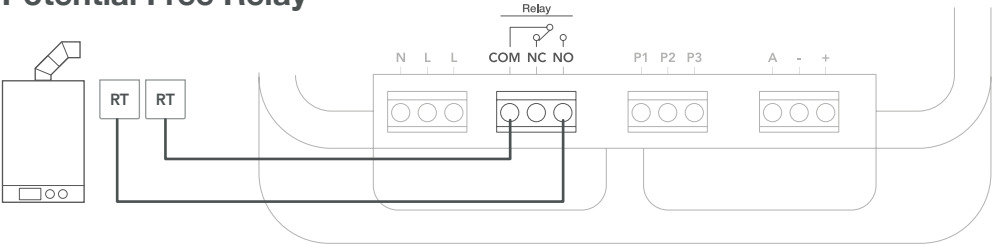
Always use the included strain
reliefs and position them on the
outer insulation layer of the cable.



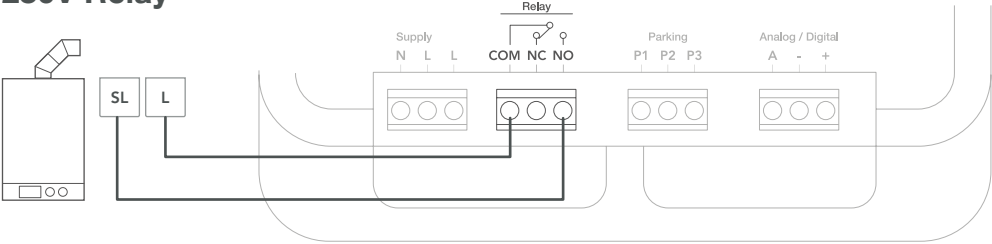
**Check the boiler manual before
wiring.** Identify the control interface and
check if it is supported by tado°.

The factory default configuration is Relay. If the Wireless Receiver is wired via Relay, step 6 (configuration) can be skipped.

Potential Free Relay



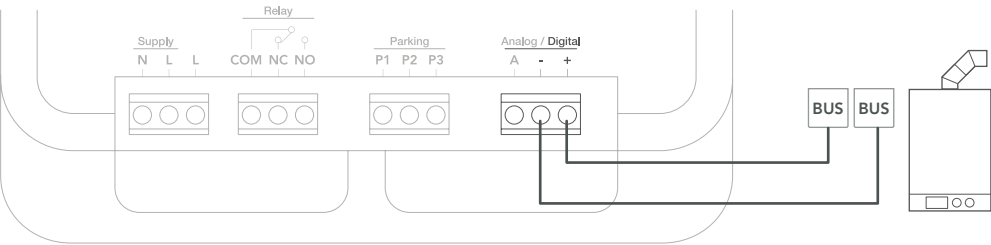
230V Relay



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

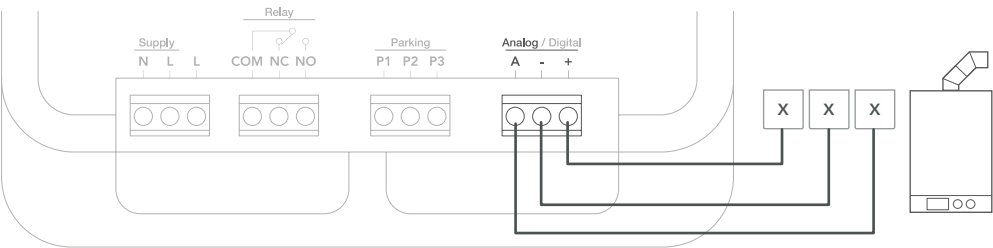


Manufacturer	Control interface	Config. Menu ID	Hot Water control	tado° terminals	
				-	+
Various	Opentherm	D01	✓	OT(-)	OT(+)
Vaillant, Glowworm, Heatline, Saunier Duval, AWB, Bulex, Hermann	Vaillant-e-Bus *, **	D07	✓	eBUS(-)	eBUS(+)
	Vaillant-e-Bus* (with VRC 430/470)	D05	✗	eBUS(-)	eBUS(+)
Junkers, 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.

Common terminal labels on the boiler.

Analog

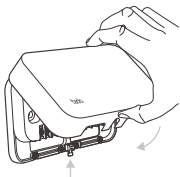


Manufacturer	Control interface	Config. Menu ID	Hot Water control	tado° terminals		
				A	-	+
Junkers	Junkers 1-2-4 24V	A01	✗	2	4	1
Vaillant	Vaillant 7-8-9 24 V	A07	✗	7	9	8
Wolf	Wolf 1-2-3 24V	A08	✗	↓	0V	24V

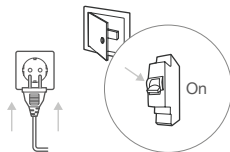
i Common terminal labels on the boiler.

5. Pair the Wireless Receiver

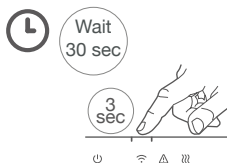
A. Put the cover on the device. Tight the housing screw to secure it.



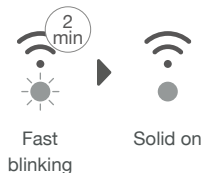
B. Plug in the power supply cable and turn the power back ON.



C. Wait 30 sec, then press the button for 3 sec to start pairing.



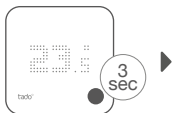
D. Solid on indicates successful pairing.



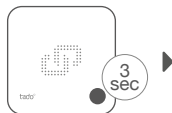
6. Configuration

i Use the Wireless Temperature Sensor to configure the Wireless Receiver interface according to the tables above (Hot Water control & Config. Menu ID).

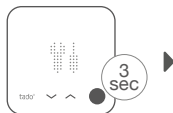
A. Press the button for 3 sec and release.



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



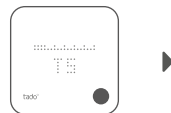
C. Press the button for 3 sec again and release.



D. Please wait while the installer menu loads.



E. Press the button when TS is displayed to continue.



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



G. Based on interface, activate **Hot Water control**.



H. Press the button when EK is displayed to continue.



I. Select the **Config Menu ID** according to the table.



J. Save configuration by pressing the button.



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)

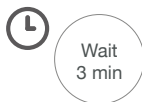
0

7. 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

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



tado.com/support

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



tado.com/installers

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

