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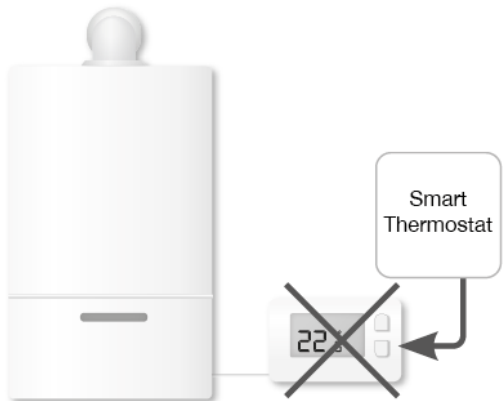
## Smart Thermostat Configuration Guide v1.1

Country Version: **United Kingdom**

ENGLISH

Usage Instructions

Before wiring the Smart Thermostat, please check how it controls the heating system and look up the correct configuration of the system for the respective interface in the list below.



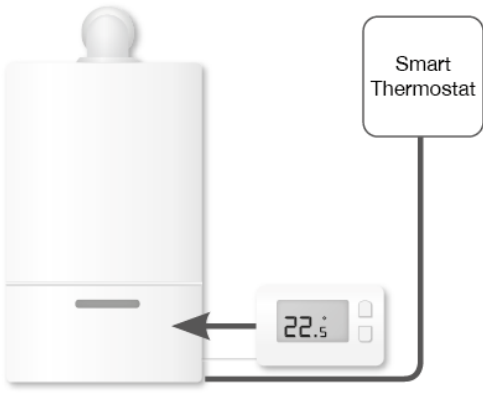
Controller is replaced

The Smart Thermostat takes over control



Controller remains connected

The Smart Thermostat acts as a remote control



Controller is fitted to boiler

The Smart Thermostat acts as a remote control

Relay Interfaces

Interface	How does the Smart Thermostat control the heating system?	Interface ID	Heating Circuit	Hot Water
Standard single and dual relay	One relay is connected to call for heat and one to call for hot water (if available)	R01	HC--	Possible if second relay controls hot water (Extension Kit required)
Dual relay, gravity-fed (hot water relay is always closed when heating is requested) (Extension Kit required)	Hot water relay is always closed when heating is requested	R02	HC--	HW✓
Dual relay for systems where the second relay controls the pump (Extension Kit required)	For separate heating and pump control	R03	HC--	HWx

Digital Interfaces

Manufacturer	Interface	tado° acts as a	Interface Type (ID)	Heating Circuit (HC)	Hot Water (HW)	Boiler Controller	Heating System Settings
All manufacturers	OpenTherm	room thermostat	D62	HC01	HW✓ (Yes)		No configuration required
Worcester (Bosch)	Heatronic (HT) Bus	remote control (FB10) for FW controllers	D18	HC01 or HC02	HW× (No)	FW 100 FW 120 FW 200	Remote Control (heating circuit X) <i>FB10</i>
							Room influence <i>50%</i>
							Room influence enabled for levels <i>Comfort-Eco-Frost</i>
							Sensor used for room influence <i>Sensor on FB10 (if the FW controller is installed externally)</i>
							Mode selector <i>auto (FW: clock symbol)</i>
		room thermostat	D17	HC01	HW✓ (Yes)		No configuration required
Vaillant	eBus	remote control VR81	D05	HC01 or HC02	HW× (No)	calorMATIC 430 calorMATIC 470 VRC 430 VRC 470	No configuration required
		remote control VR90	D06	HC01 or HC02	HW✓ (Yes)	calorMATIC 620 calorMATIC 630	No configuration required
		room thermostat	D07	HC01	HW✓ (Yes)		No configuration required
Viessmann	KM Bus	remote control Vitotrol 200	D37	HC01 or HC02	HW× (No)	Vitotronic 200 GW.. Vitotronic 300 GW.. Vitotronic 200 HO.. Vitotronic 200 KW.. Vitotronic 300 KW.. Vitotronic 200 KO..	Remote Control <i>A0: 1</i>
							Room Temperature Hook-up <i>b0: 3</i>
							Room Influence Factor <i>b2: 20</i>
							Heating Circuit Pump Logic <i>b5: 5 (If 5 cannot be selected, use 1)</i>

Analog Interfaces

Manufacturer	Voltage	Terminals	Interface ID	Heating Circuit	Hot Water
Worcester (Bosch)	24V	on terminals 1, 2 and 4	A01	HC01	HWx (No)