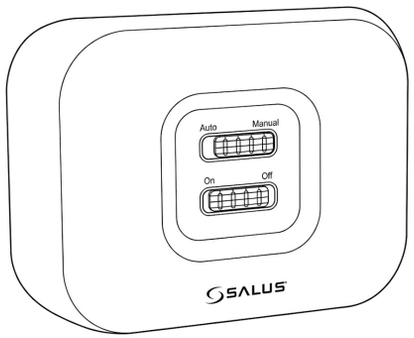
SALUS CONTROLS EN



RX30RF

ZIGBEE RECEIVER

QUICK GUIDE

MULTI-LANGUAGE

▪ MANUAL ▪

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Computime

ISO 9001 QUALITY MANAGEMENT

UKAS MANAGEMENT SYSTEMS 0015

www.saluscontrols.com

CE UKCA RoHS COMPLIANT

04/2026

Introduction

The RX30RF ZigBee receiver can be used for the wireless control of boiler, pump or zone valves in a HVAC system. It provides two channels relay on/off output and an OpenTherm interface, offering modulating control to the boiler flow water temperature directly to match the demand for the optimization of efficiency and heating control comfort. It can be paired with the ZigBee 3.0 Elypso room thermostat EL600T and SuperQuiet TRV TRV3RF to support multiple applications. The RX30RF should be mounted on a suitable location that is both accessible for the connection of mains and control wiring, and allows good reception of the RF signal from the ZigBee gateway.

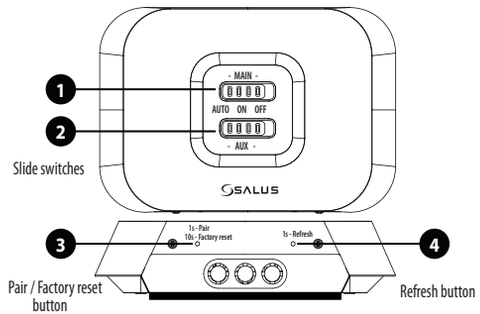
Product Compliance

This product complies with the essential requirements and other relevant provisions of Directives GPSR 2023/988/EU, RED 2025/138/EU and RoHS 2017/2102/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.saluslegal.com.
2405-2480MHz, <14dBm

Safety Information

To ensure both safety and optimal performance, the RX30RF receiver should be used in accordance with all relevant regulations. This device is designed exclusively for indoor use and must not be installed in environments exposed to extreme temperatures or other harsh conditions. Keep the receiver completely dry; any inadequate installation may cause damage or malfunction. Always disconnect the power before cleaning and use a dry cloth only. For safe operation, position the RX30RF receiver at a convenient height to allow easy access. The device's maximum operating temperature is 50°C, so avoid placing them in locations that may exceed this limit to prevent overheating. Adhering to these guidelines will ensure the long-term reliability and safety of the receiver.

Button functions



Note: Press and hold for 10 seconds the bottom left button to perform a factory reset.

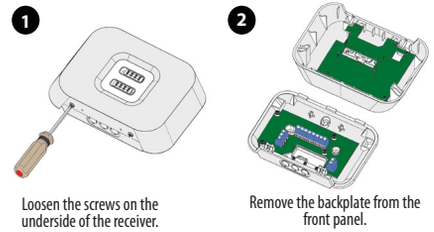
On/Off System:

Switch	Slide Position and Relay Outputs		
	AUTO	ON	OFF
MAIN	Relay output is controlled via ZigBee communications	Relay output is always on	Relay output is always off
AUX			

OpenTherm System:

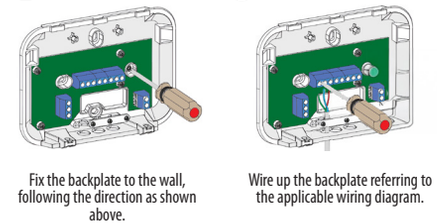
Switch	Slide Position and OT/+ interface (A-B) Outputs		
	AUTO	ON	OFF
MAIN	OpenTherm Control Setpoint	OpenTherm max CH water Setpoint	OpenTherm boiler off (heat demand disabled)
AUX	No function		

Wiring and mounting



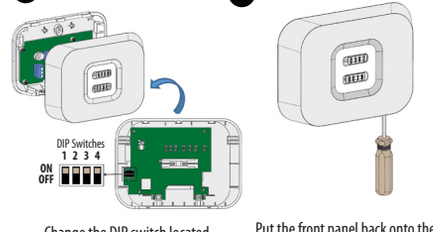
1 Loosen the screws on the underside of the receiver.

2 Remove the backplate from the front panel.



3 Fix the backplate to the wall, following the direction as shown above.

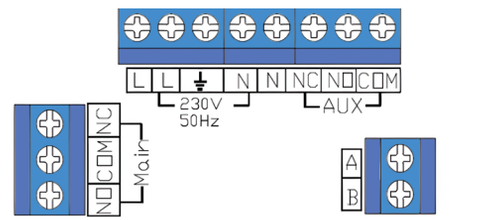
4 Wire up the backplate referring to the applicable wiring diagram.



5 Change the DIP switch located on the front panel to select the system type.

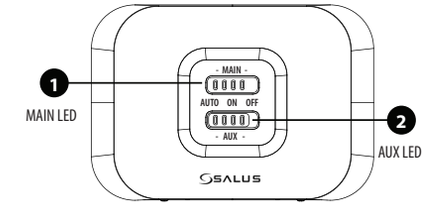
6 Put the front panel back onto the backplate by aligning the fittings and pushing it in place then securely fasten the screws.

Terminals description



	Terminal	Function
230V 50-60Hz (AC input)	L	Incoming Mains - LIVE
	⏚	Earth Parking
	N	Incoming mains - Neutral
Main (Volt-free Output)	NO	Main relay, Normally Open Contact
	COM	Main relay, Common Contact
	NC	Main relay, Normally Close Contact
AUX (Volt-free Output)	NC	Auxiliary relay, Normally Close Contact
	NO	Auxiliary relay, Normally Open Contact
	COM	Auxiliary relay, Common Contact
OpenTherm Interface	A-B	Wire to OpenTherm Boiler

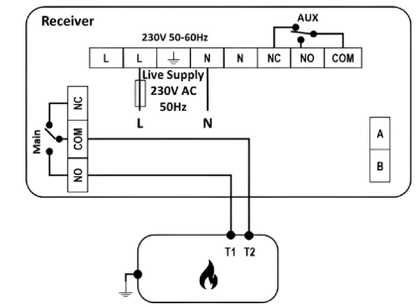
LED operation



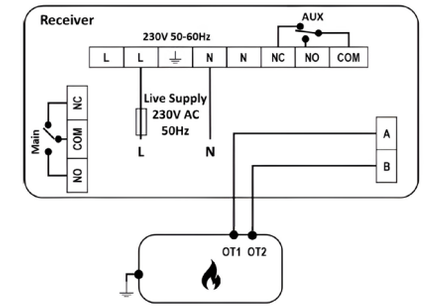
LED at Main/Aux	On/Off System	OpenTherm System
Solid red	Relay Off	OpenTherm Boiler Off
Solid green	Relay On	OpenTherm On
Solid orange	Factory reset in progress	
Flashes red quickly	Standby mode, not connected	
Flashes red slowly	Pairing to gateway mode is activated	
Main LED flashes red 3 times every 5 sec	Lost link with gateway	
Main LED flashes red 4 times every 5 sec	Lost link with all paired devices (in Auto mode only)	
Flashes orange slowly when switch position is at ON	Manual ON mode is disabled by the administrator	

Wiring diagrams

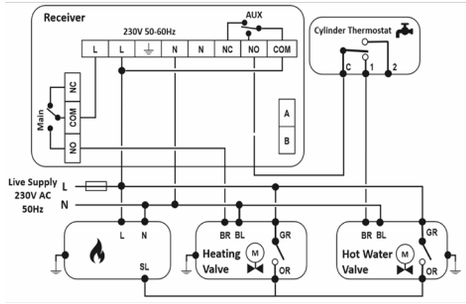
Volt-free Combi Boiler Control



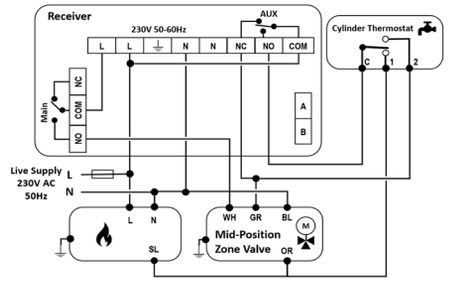
OpenTherm Boiler Control



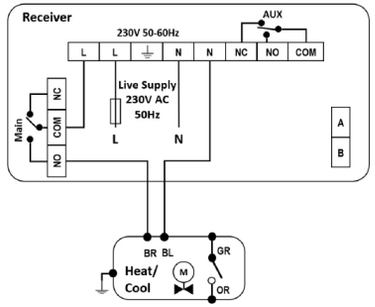
Central heating and DHW - 230V switching S plan



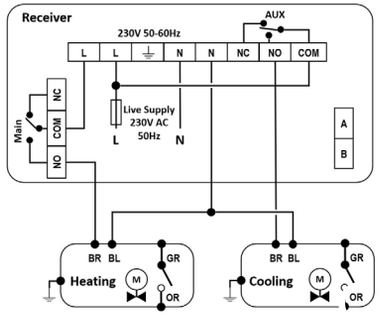
Central heating and DHW - 230V switching Y plan



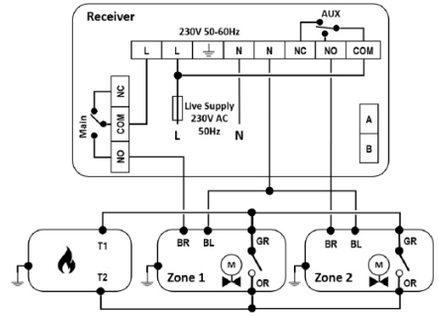
Heat/Cool 2-pipe Zone Valve Control



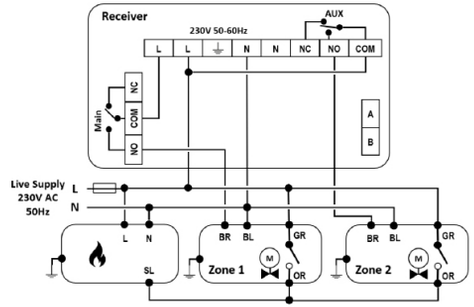
Heat/Cool 4-pipe Zone Valve Control



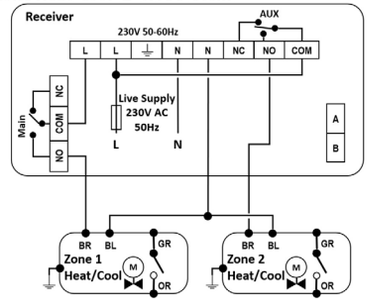
Dual zone heating - Volt-free Combi boiler



Dual zone heating - 230V Switching boiler



Dual zone Heat/Cool (2-pipe system)



System type selection

Application	Output controls			
	Main relay	Aux relay	OpenTherm A-B	SW 1/2/3
Heating only - OpenTherm	-	-	OT/+	1 2 3
Heating only - On/Off	Heat	Sync with Main	-	
Heat/Cool 2-pipe system	Heat/Cool	Sync with Main	-	
Heat/Cool 4-pipe system	Heat	Cool	-	
Central Heating plus Domestic Hot Water - Supports S-Plan and Y-Plan wiring	Heat	Domestic Hot Water	-	
Dual Zone Controls	Zone 1 Heat/Cool	Zone 2 Heat/Cool	-	

Note: After the change of DIP switches, the new setting will become effective after a Factory Reset by pressing and holding the PAIR button for 10 seconds, which will make the Main/Aux LEDs light up orange.

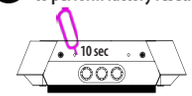
Pairing process

Power on the device then follow these steps to gain control via the Salus Premium Lite app.

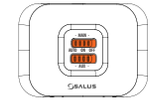
1 This product must be used with the SALUS Premium Lite application on mobile or web by accessing the following link: eu.premium.salusconnect.io or by scanning the QR code below:

SALUS PREMIUM LITE — GET IT ON Google Play — Download on the App Store

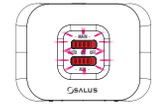
2 Press and hold for 10 sec to perform factory reset.



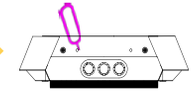
3a LEDs are solid orange



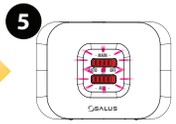
3b LEDs are flashing red quickly



4 Short press to start pairing mode.



5 LEDs are flashing red slowly



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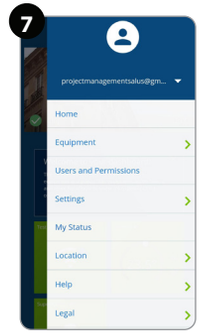

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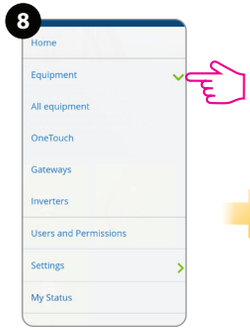

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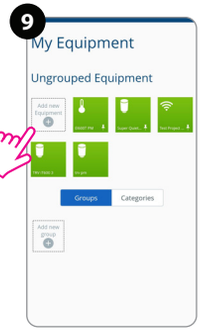

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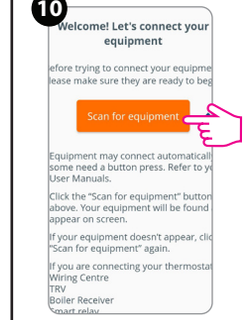

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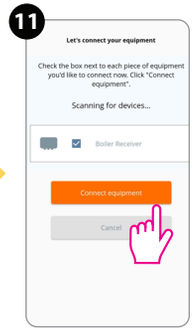

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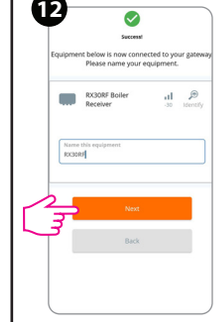

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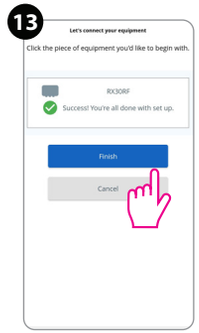

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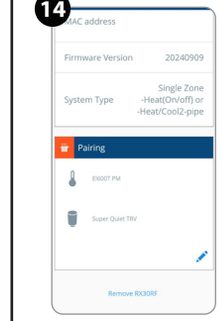

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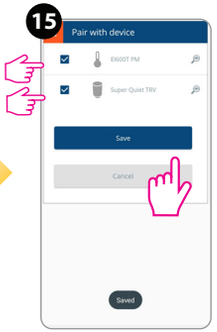

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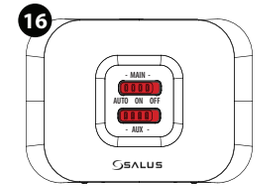

Note: The receiver can be configured as remote boiler switch or zone valve controller. It offers dual channel output. The first channel (Main output) can be paired with multiple Smart TRV up to a maximum of 16 units for a heat-on-demand function.

SCAN FOR PRODUCT COMPATIBILITY