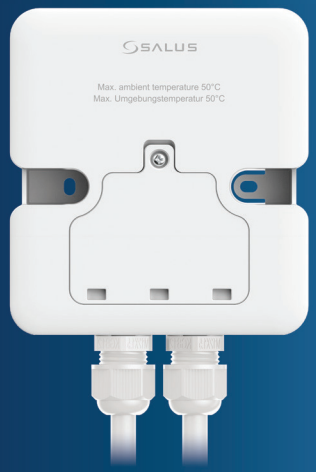
SALUS CONTROLS

# RF RECEIVER (868 MHz)

## Model: SSR868




MULTILANGUAGE MANUAL

Quick Guide

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INPUT: 230V AC, +/- 10%, 50Hz
SWITCHING CAPACITY: 16(5)A

**www.saluscontrols.com**

Computime

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10/2026

## Introduction

The SALUS SSR868 is a super slim receiver (only 22 mm) that is designed to control electrical infrared panels. The receiver has a 10A relay and is compatible with most IR panels on the market. It includes a 3M cable and has IP54 rating protection. It can be installed in bathrooms or rooms with high humidity levels. The SSR868 receiver is compatible with our 868MHz range of thermostats: RT310TX, RT510TX, RT520TX, ERT20TX, ST325TX and 091FLRF(TX).

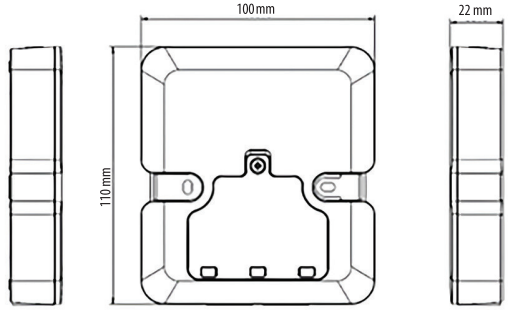
## Product compliance

This product complies with the essential requirements and other relevant provisions of Directives GPSR 2023/988/EU, RED 2025/138/EU, RoHS 2015/863/EU amendment 2017/2102/EU and REACH 253 SVHC 1907/2006. The full text of the EU Declaration of Conformity is available at the following internet address: www.saluslegal.com.
868.0 MHz - 868.6 MHz; <13dBm

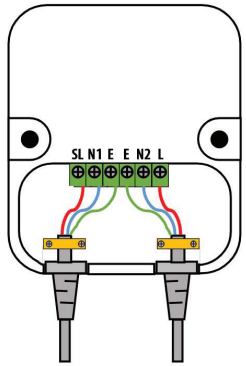
## Safety information

To ensure both safety and optimal performance, the SSR868 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, install the SSR868 receiver at a convenient height to allow easy access. The device's maximum operating temperature is 50°, 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.

## Dimensions




## Wiring diagram




Infrared panel

Power supply

## Button functions



1 2

1. **Mode button:** Auto/On/Off selection
2. **PAIR button** for quick pairing process

**Note**: The SSR868 supports 3 modes: Auto, Manual and Off.
Switch between them by short pressing the Mode button:

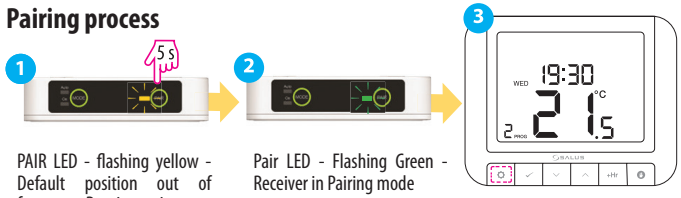
- Auto mode (Green Auto LED): thermostat controls the relay of the receiver.
- Manual mode (Green ON LED): the relay is always activated.
- Off mode (No LED on Auto or On): the relay is off.

| LED Operation | Auto LED | ON LED | Pair LED |
|---|---|---|---|
| Out of factory | Off | Off | Flashing yellow |
| Pairing mode (during procedure) | Off | Off | Flashing green |
| Lost Pairing Auto mode Relay Off (55 min each hour) | Off | Off | Flashing red |
| Lost Pairing Auto mode Relay On (55 min each hour) | On | Off | Flashing red |
| Lost Pairing Manual mode (Relay always on) | Off | On | Flashing red |
| Receiver paired (Auto mode) | On | Off | Solid green |
| Receiver paired (Manual mode) | Off | On | Solid green |
| Receiver paired (Off mode) | Off | Off | Solid green |
| Firmware | Off | Off | RED and GREEN flashing according to version |

**Fail safe protection**
After 1h of no signal from thermostat, the receiver enters a lost pairing state. During each hour of lost pairing, the relay is off for 55 minutes and on for 5 minutes.

**Waterproof protection**
Cable glandes, sealing and PCB conformal coating is necessary due application scenarios. A common place for the receiver is to be installed in the bathroom, where high humidity can damage the receiver. IP54 protection is required for these reasons.

## Pairing process

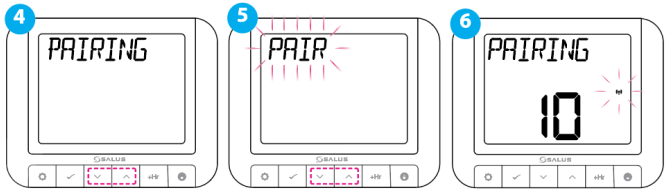



PAIR LED - flashing yellow - Default position out of factory. Receiver is not paired. Press for 5 sec to put the receiver in Pairing mode.

Pair LED - Flashing Green - Receiver in Pairing mode

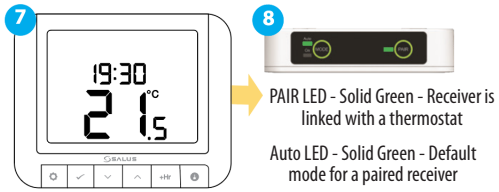
**Note**: Ten minutes in this mode. After 10 minutes, if no pairing is successful, revert to solid RED. The pairing process needs to start again.

Press MENU.




Using UP or DOWN, navigate to Pairing submenu and press SELECT.

Using UP or DOWN, select PAIR and press SELECT.




PAIR LED - Solid Green - Receiver is linked with a thermostat

Auto LED - Solid Green - Default mode for a paired receiver

After all, thermostat will go back to the main screen.

## Factory reset




10s long press the Pair button to factory reset the receiver.

Solid Red LED then it resets.

Flashing yellow after reset. Relay is inactive.

## If pairing stated by mistake




Pair LED - Solid Green - Thermostat linked with a thermostat. Press 5 sec to put the receiver in Pairing mode.

Pair LED - Flashing Green - Receiver in Pairing mode

Press 5s the Pair button to exit pairing mode. Keep the previous pairing code.

## If pairing is lost




Pair LED - Flashing Red - Receiver lost link with thermostat

Relay is 55 minutes out of one hour inactive.

Relay is active the remaining 5 minutes of the hour. Then the cycle restarts. When connection is reestablished, receiver is checking the thermostat demand and acts accordingly.

**Note**: Lost link appears after 1h of failed communication.

## If pairing is lost (change mode)




Pair LED - Flashing Red - Receiver lost link with thermostat

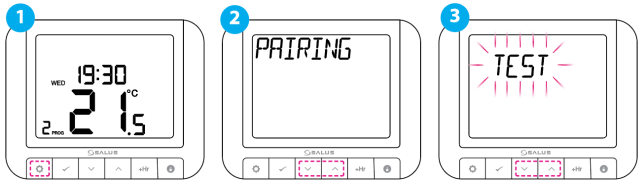
Relay is 55 minutes out of one hour inactive.

By short pressing the Mode button we can put the receiver into On (relay is always on) mode.

Thermostat in On mode - Relay is always on. Pair LED is flashing to state the lost connection. When connection is reestablished, Pair LED becomes solid red.

**Note**: Lost link appears after 1h of failed communication.

## Test pairing



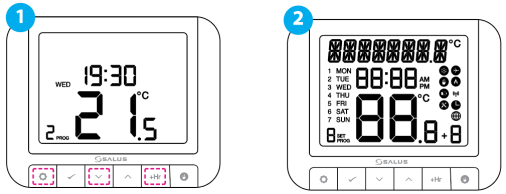

Press MENU.

Using UP or DOWN, navigate to Pairing submenu and press SELECT.

Using UP or DOWN, select TEST and press SELECT.

**Note**: The testing process can take approximately 10 minutes.

## Thermostat factory reset




To reset the thermostat, press MENU, DOWN and BOOST simultaneously for 5 seconds.

The device will be reset and will start up automatically.

## Product specifications

| | |
|---|---|
| **Local communication** | 868 MHz protocol |
| **Switching relay** | 10(5)A |
| **Operating temperature** | 0C to +50°C |
| **Heat resistance** | Max. 50C |
| **Ingress Protection Rating** | IP54 |
| **Operating voltage** | 230 V |
| **Dimensions** | 110/100/22 in mm (L/W/H) |
| **Terminals** | SL - output switch live<br>2x Neutral<br>2x Earth<br>L - live of supply power |

## Compatibility with other SALUS 868 MHz thermostats



RT310TX



RT510TX



RT520TX



ERT20TX



091FLRF(TX)



ST325TX