The RX10RF Receiver should be mounted in a suitable location that is both accessible for the connection of mains and control wiring, and allows good reception of the RF signal. The Receiver needs a 230V AC mains supply to operate, and this should be fused appropriately (16A max.).

The Receiver should be mounted in a location where it will not come into contact with water, moisture or condensation. There are few electrical connections required to the RX10RF, and these connections should be made to the terminal block inside the Receiver. No Earth connection is required for the correct and safe operation of the RX10RF, but a parking terminal is provided to connect an Earth wire if one is present.

Electrical Connection

<table>
<thead>
<tr>
<th>Terminal</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM</td>
<td>Common Contact (volt free input)</td>
</tr>
<tr>
<td>NO</td>
<td>Normally Open Contact (volt free output)</td>
</tr>
<tr>
<td>L</td>
<td>Earth Parking</td>
</tr>
<tr>
<td>N</td>
<td>Incoming Mains - Live</td>
</tr>
<tr>
<td></td>
<td>Incoming Mains - Neutral</td>
</tr>
</tbody>
</table>

![Diagram of RX10RF Receiver](image)

1. Open the cover at the bottom of the receiver unit.
2. Unplug the rear of the unit.
3. Recheck the back of the receiver and to the wall using the fittings supplied.
4. Wire up the receiver using one of the schematics.*
5. Clip the front of the unit back on by aligning the fittings and pushing into place.
6. Securely screw the front of the receiver in place.

Schematics

*Configured as RX1

*Configured as RX2

Reset Button
- If for any reason the system receiver stops operating, press reset and check system operation.

Replacing the System Receiver
- If for any reason the system receiver needs to be removed/ replaced, press the delete from network.

Power Up

1. Power up the receiver. The red LED will flash.
2. Ensure Coordinator is powered up and ready for pairing.
3. When the receiver has successfully joined the Zigbee network, the red LED will go steady.
4. Please refer to VS10/VS20RF manual for system pairing.

Replacing the System Receiver

*For use without internet.

SALUS Controls warrants that this product will be free from any defect in materials or workmanship, and shall perform in accordance with its specification, for a period of five years from the date of installation. SALUS Controls sole liability for breach of this warranty will be (at its option) to repair or replace the defective product.

**Model:** RX10RF  
**Type:** Wired system receiver designed for 230VAC heating applications

**Environment Ratings**
- **Operating Temperature:** 0°C to +50°C
- **Storage Temperature:** -20°C to +60°C
- **Operating Humidity:** 5-95% RH
- **Switch Voltage:** 0-230VAC 16AMP
- **Power Source:** 230VAC 50Hz
- **User Interface:** Slide switch, Bi Colour LED, RED/GREEN
- **Operating Temperature:** 0°C to 50°C
- **Storage Temperature:** -20°C to 60°C
- **Frequency:** 2.4 GHz

**Approval:** CE

**Customer Name:** 
**Customer Address:** Post Code: 
**Tel No:** Email: 
**Engineers Company:** 
**Tel No:** Email: 
**Installation Date:** 
**Engineers Name:** 
**Engineers Signature:**

**WARRANTY**

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Maintaining a policy of continuous product development, SALUS Controls plc reserve the right to change specification, design and materials of products listed in this brochure without prior notice.

For PDF Installation guide please go to  
[www.salus-controls.com](http://www.salus-controls.com)

00086/2 Issue Date: Dec 2016
INTRODUCTION
Thank you for purchasing the SALUS RX10RF system receiver. This unit is designed to work with iT600 range of Zigbee network products. The RX10RF can be configured as remote boiler switch or a simple single channel output to control, a thermal actuator or zone valve. Please note the two configurations above can be used together in the one system.

These instructions are applicable to the SALUS model stated on the front cover of this manual only.

Product Compliance
This product is CE compliant and meets the following EC Directives 2014/30/EU; 2014/35/EU; 2014/53/EU and 2011/65/EU.

SYSTEM OVERVIEW - IT600 SYSTEM CONFIGURED AS RX1
The unit can be switched internally switched to be used on two channels, RX1 (boiler receiver) or RX2 (single room receiver). Ensure the unit is not powered during setting of the RX1/RX2 slide switch.

The unit is supplied with the switch in the RX1 position (Boiler Receiver). In this mode, the unit can be wired to the boiler to switch it on or off using the wireless signals it receives other SALUS products on the SALUS Zigbee network.

With the unit switched to RX2, the unit will act as a single room receiver. Switching of the unit will be controlled by a paired SALUS VS10/20RF Thermostat. Depending on its intended use, the unit can be used to switch a motorised valve, thermal actuator or pump.

As well as being used in this way, the RX2 can be used in conjunction with another unit set up as an RX1 (Boiler Receiver). When there is a call for heat from the thermostat paired to the RX2 both of the wireless receivers will operate turning on both the boiler and the motorised valve / pump.

NB: Only 1 RX1 and 1 RX2 can be used as part of a network.