

Honeywell Home R4H910RF1004

Honeywell Home Wireless Receiver Relay User Manual

MODEL: R4H910RF1004

Manufactured by Resideo

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Honeywell Home Wireless Receiver Relay, Model R4H910RF1004. This device is designed as a replacement relay module for wireless T6R thermostats and is compatible with Honeywell Home T4 and T6 series wireless thermostats. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent damage to the product or personal injury:

- Installation must be carried out by a qualified electrician and in accordance with all local wiring regulations.
- Disconnect power to the heating system at the main circuit breaker before installing or servicing the relay.
- Do not expose the device to water, high humidity, or extreme temperatures.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Ensure all connections are secure and correctly wired to avoid electrical hazards.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Honeywell 2-Channel Wireless Receiver Box (R6H911RF4018)
- 1 x Set of Stickers
- 1 x Fixing Kit (screws and wall plugs)

4. PRODUCT OVERVIEW

The Honeywell Home Wireless Receiver Relay acts as a switching device for your heating system, receiving commands wirelessly from a compatible thermostat. It features a compact design for wall mounting.



Figure 1: Front view of the Honeywell Home Wireless Receiver Relay. This image displays the compact white unit, typically featuring indicator lights for power and wireless connection status.

5. SETUP AND INSTALLATION

Follow these steps to install your wireless receiver relay:

5.1 Mounting the Receiver

1. **Choose a Location:** Select a suitable wall-mounted location near your boiler or heating system, ensuring it is within wireless range of your thermostat and away from metal objects that could interfere with the signal.
2. **Disconnect Power:** Turn off the main power supply to your heating system at the consumer unit/fuse box. Verify that the power is off before proceeding.
3. **Prepare for Mounting:** Use the provided fixing kit. Mark the drilling points on the wall using the receiver as a template.

4. **Drill and Secure:** Drill holes, insert wall plugs, and secure the receiver to the wall using the screws.

5.2 Wiring the Receiver

Refer to your boiler's instruction manual for specific wiring diagrams. The receiver typically requires a permanent live, neutral, and a switched live connection to the boiler.

1. **Open the Casing:** Carefully open the receiver casing to access the wiring terminals.
2. **Connect Wires:** Connect the power supply and boiler control wires to the appropriate terminals as indicated on the receiver's internal label and your boiler's manual. Ensure all connections are tight and secure.
3. **Close Casing:** Close the receiver casing securely.
4. **Restore Power:** Restore power to the heating system at the main circuit breaker. The receiver's power indicator light should illuminate.

6. OPERATING INSTRUCTIONS

The primary operation of the wireless receiver relay involves pairing it with a compatible Honeywell Home wireless thermostat (T4 or T6 series).

6.1 Pairing with a Thermostat

The receiver and thermostat must be paired to communicate wirelessly. This process typically involves a binding procedure:

1. **Initiate Binding Mode on Receiver:** Press and hold the binding button on the receiver (refer to the receiver's specific instructions for button location and duration). An indicator light will typically flash to confirm binding mode.
2. **Initiate Binding Mode on Thermostat:** Follow the instructions in your Honeywell Home T4 or T6 thermostat manual to put it into binding or pairing mode.
3. **Confirm Pairing:** Once successfully paired, the indicator lights on both the receiver and thermostat should change to a solid state, indicating a successful connection.
4. **Test System:** After pairing, test the system by adjusting the temperature on the thermostat to ensure the boiler responds correctly via the receiver.

7. MAINTENANCE

The Honeywell Home Wireless Receiver Relay requires minimal maintenance.

- **Cleaning:** Wipe the exterior of the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check for any visible damage to the casing or wiring.
- **Firmware Updates:** If applicable, refer to the Honeywell Home website or your thermostat's manual for information on firmware updates.

8. TROUBLESHOOTING

If you encounter issues with your wireless receiver relay, consult the table below:

Problem	Possible Cause	Solution
Receiver not powering on	No power supply; incorrect wiring.	Check main power supply and wiring connections. Ensure power is restored.
Cannot pair with thermostat	Incorrect binding procedure; out of range; interference; incompatible devices.	Ensure both devices are in binding mode simultaneously. Move thermostat closer to the receiver. Check for sources of wireless interference. Note: Some relays are factory-configured to specific thermostats and may not be universally interchangeable. If replacing an old relay, ensure the new unit is compatible or can be re-paired with your existing thermostat.
Heating system not responding	No wireless connection; wiring issue; thermostat fault; boiler fault.	Verify successful pairing. Check wiring to the boiler. Consult thermostat or boiler manual for troubleshooting.
Intermittent connection	Wireless interference; weak signal.	Relocate receiver or thermostat to improve signal strength. Avoid placing near large metal objects or other wireless devices.

9. SPECIFICATIONS

Feature	Detail
Product Model Number	R4H910RF1004
Internal Receiver Box Model	R6H911RF4018
Manufacturer	Resideo
Product Dimensions (L x W x H)	25 x 7 x 25 cm
Weight	300 grams
Connector Type	Plug-in
Contact Material	Copper
Contact Type	Normally Open
Mounting Type	Wall Mount
Operating Mode	Automatic
Included Components	Wi-Fi Heating Control (Receiver Box)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your original purchase or visit the official Resideo/Honeywell Home website. Keep your proof of purchase for warranty claims.

Online Resources: For additional support, FAQs, and product registration, visit the [Resideo website](#) or the [Honeywell Home website](#).