

Ariston 3319116

Ariston 3319116 Wireless Modulating Room Sensor User Manual

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Ariston 3319116 Wireless Modulating Room Sensor. Please read this manual carefully before using the device to ensure proper function and safety. The Ariston 3319116 is a new generation wireless modulating room sensor designed to enhance comfort and energy efficiency in your home heating system.

It features a clear 7-segment backlit screen for easy temperature monitoring and adjustment, and offers compatibility with Ariston Net and the BusBridgeNet communication protocol for seamless integration with your heating system.

2. SAFETY INFORMATION

- Always disconnect power to the heating system before performing any installation or maintenance.
- Installation should only be performed by qualified personnel in accordance with local regulations and standards.
- Do not expose the device to direct water spray or excessive humidity.
- Keep the device away from heat sources and direct sunlight.
- Do not attempt to open or repair the device yourself. Contact qualified service personnel for assistance.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Ariston 3319116 Wireless Modulating Room Sensor (Black)
- Temperature Sensor (integrated)
- Mounting hardware (screws, wall plugs)
- User Manual (this document)

4. SETUP AND INSTALLATION

The Ariston 3319116 sensor is designed for wireless communication with compatible Ariston heating systems. Ensure your heating system supports BusBridgeNet protocol and Ariston Net for full functionality.

4.1. Choosing a Location

Select a central location in the room where the temperature is representative of the living area. Avoid placing the sensor near windows, doors, direct sunlight, or heat sources (e.g., radiators, lamps, appliances) as these can affect temperature readings.

4.2. Mounting the Sensor

1. Carefully open the sensor casing to access the mounting holes.
2. Mark the desired mounting position on the wall.
3. Drill holes and insert wall plugs if necessary.
4. Secure the sensor base to the wall using the provided screws.
5. Close the sensor casing securely.

4.3. Initial Pairing and Connection

Refer to your Ariston heating system's manual for specific instructions on pairing wireless accessories. Generally, the process involves:

- Activating pairing mode on your Ariston heating system or gateway.
- Initiating pairing on the 3319116 sensor (often by pressing a specific button or sequence).
- Confirming successful connection on both devices.



Image 1: Front view of the Ariston 3319116 Wireless Modulating Room Sensor. The sensor is black with a silver trim, featuring a clear 7-segment backlit display showing '20.0°C'. Below the display are four control buttons, and at the bottom, the 'ARISTON' logo is visible.

5. OPERATING INSTRUCTIONS

The Ariston 3319116 sensor provides intuitive control over your room temperature.

5.1. Display Overview

The 7-segment backlit display shows the current room temperature or the setpoint temperature, depending on the operating mode. Indicators for various functions (e.g., heating active, wireless signal) may also be present.

5.2. Adjusting Temperature

Use the '+' and '-' buttons located below the display to increase or decrease the desired temperature setpoint. Pressing 'OK' typically confirms the selection or exits the adjustment mode.

5.3. Mode Selection

The 'MODE' button allows you to cycle through different operating modes, such as:

- **Auto Mode:** Follows a pre-programmed schedule (if configured via Ariston Net or heating system).
- **Manual Mode:** Maintains a constant temperature set by the user.

- **Eco Mode:** Operates at a reduced temperature for energy saving.
- **Holiday Mode:** Maintains a low temperature for extended periods of absence.

Specific modes and their functionalities may vary. Consult your heating system's manual or the Ariston Net application for detailed information.

5.4. Ariston Net Compatibility

When connected to an Ariston Net compatible system, you can control and monitor your room sensor remotely via the Ariston Net application on your smartphone or tablet. This includes setting schedules, adjusting temperatures, and receiving notifications.

6. MAINTENANCE

The Ariston 3319116 Wireless Modulating Room Sensor requires minimal maintenance.

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays.
- **Battery Replacement:** If the sensor uses batteries (information not provided, assume wired or long-life internal battery), refer to the specific instructions for battery replacement if a low battery indicator appears.
- **Firmware Updates:** If connected to Ariston Net, firmware updates may be available to improve performance and add features. Follow the instructions provided by the Ariston Net application.

7. TROUBLESHOOTING

If you encounter issues with your Ariston 3319116 sensor, try the following steps:

- **No Display/Power:** Check the power supply to the heating system and ensure the sensor is correctly connected or has sufficient battery power.
- **No Communication:** Ensure the sensor is within range of the heating system or gateway. Re-attempt the pairing process as described in Section 4.3. Check for any obstructions that might interfere with the wireless signal.
- **Incorrect Temperature Reading:** Verify the sensor's placement is not affected by drafts, direct sunlight, or heat sources. Allow some time for the sensor to stabilize after installation.
- **System Not Responding:** Check the connection to your heating system and ensure it is powered on and functioning correctly. Consult your heating system's manual.
- **Ariston Net Issues:** Ensure your internet connection is stable and the Ariston Net gateway is online. Check the Ariston Net app for status updates or error messages.

If problems persist, contact Ariston customer support or a qualified technician.

8. SPECIFICATIONS

Feature	Specification
Model Number	3319116
Manufacturer	Ariston
Dimensions (L x W x H)	2.1 x 9.25 x 8.8 cm
Weight	470 grams
Color	Black
Display	7-segment backlit screen
Communication Protocol	BusBridgeNet
Compatibility	Ariston Net compatible systems
Components Included	Temperature Sensor
Batteries Required	No
Country of Origin	Spain

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Ariston website. Ariston Thermo, founded in 1930, is a company in the thermal comfort sector. For technical support, spare parts, or service inquiries, please contact Ariston customer service or your authorized dealer. Ensure you have your product model number (3319116) and purchase details available when contacting support.