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Aramox Aramoxdzwnvfbe0r

Aramox Wireless Thermostat User Manual

Model: Aramoxdzwnvfbe0r

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Aramox Wireless Thermostat. This device is designed to offer precise temperature control for various heating systems, including gas-fired boilers and underfloor heating, through an RF connection to a central controller.

Key features include a clear backlit LCD display, weekly programmable scheduling, and a power-off memory function to retain settings during power interruptions. It is suitable for a wide range of applications, from residential homes to commercial establishments.



Figure 1: Front view of the Aramox Wireless Thermostat, displaying current time, room temperature, and set temperature on its backlit LCD screen.

Setup and Installation

Before installation, ensure all power to the heating system is turned off. It is recommended that installation be performed by a qualified professional.

1. **Unpack the Thermostat:** Carefully remove the wireless temperature controller and included accessories (screws, user manual) from the packaging.
2. **Mounting:** Select a suitable location for the thermostat, away from direct sunlight, drafts, or heat sources that could affect temperature readings. Use the provided screws to securely mount the thermostat to a wall.
3. **Power Connection:** Connect the thermostat to a DC5V 1A power source. Ensure the power supply is stable and meets the specified requirements.
4. **RF Connection to Central Controller:** The thermostat connects wirelessly via RF frequency to a compatible 512 central controller. Refer to the central controller's manual for specific pairing instructions. Ensure both devices are

powered on and within range for successful communication.

5. **System Integration:** The 512 central controller will then connect to your gas-fired boiler or underfloor heating system. Verify all connections are secure and functional before proceeding.



Figure 2: The wireless thermostat in context with a gas boiler and underfloor heating system, demonstrating typical installation environments.

Operating Instructions

Display Overview

The backlit LCD display shows the current time, day of the week, room temperature, and the set temperature. The backlight activates upon interaction and provides clear visibility in various lighting conditions.

Setting the Time and Day

Use the designated buttons (refer to the thermostat's physical interface for specific button labels, typically labeled with a clock icon or "SET") to adjust the current time and day of the week. Follow the on-screen prompts to navigate through the

settings.

Temperature Adjustment

- **Manual Mode:** Press the Up/Down arrow buttons to directly adjust the desired room temperature. The new setting will be maintained until manually changed again or until a programmed schedule takes over.
- **Automatic Mode (Programmable):** The thermostat supports weekly programming with options for 6+1 days (weekdays + Saturday/Sunday), 5+2 days (weekdays + weekend), or 7 days, each with up to 6 time periods per day.

Programming Weekly Schedules

To set up a weekly schedule:

1. Enter programming mode (usually by pressing a "P" or "MODE" button for a few seconds).
2. Select the desired programming scheme (e.g., 6+1, 5+2, or 7 days).
3. For each day/period, set the start time and the target temperature.
4. Save the settings and exit programming mode. The thermostat will now follow the set schedule.

The power-off memory function ensures that all your programmed settings are retained even if power is interrupted.

Maintenance

- **Cleaning:** Regularly wipe the thermostat's surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the display or casing.
- **Power Supply:** Ensure the DC5V 1A power supply is always connected securely and free from damage.
- **Location:** Periodically check that the thermostat's location remains optimal, free from new obstructions or heat sources that could impact its accuracy.
- **RF Connection:** If experiencing connectivity issues, ensure the thermostat and central controller are within effective range and free from significant interference.

Troubleshooting

Problem	Possible Cause	Solution
Display is blank or not lighting up.	No power or power supply issue.	Check the DC5V 1A power connection. Ensure the power adapter is plugged in and functional.
Thermostat not controlling heating system.	RF connection lost or central controller issue.	Verify the RF connection between the thermostat and the 512 central controller. Check the central controller's status and its connection to the heating system.
Incorrect temperature reading.	Thermostat location affected by external factors.	Ensure the thermostat is not in direct sunlight, near drafts, or close to heat-emitting appliances. Relocate if necessary.
Programmed schedule not activating.	Thermostat is in manual mode or schedule not saved correctly.	Switch the thermostat to automatic/program mode. Re-enter and save the weekly schedule.

Technical Specifications

- **Model:** Aramoxdzwnvfbe0r
- **Display Accuracy:** 0.5°C
- **Backlight:** White
- **Probe Sensor:** NTC (10k) 1%
- **Operating Temperature:** 0°C to 70°C
- **Standard Set Temperature Range:** 5°C to 35°C
- **Contact Capacity:** 5A AC250V (for gas-fired boiler and water floor heating system)
- **Working Voltage:** DC5V 1A
- **Wireless Connection:** RF
- **Compatibility:** Compatible with 512 central controller
- **Control Type:** Remote Control (via central controller)
- **Manufacturer:** Aramox
- **Country of Origin:** China

Warranty and Support

Warranty information for the Aramox Wireless Thermostat is typically provided at the point of purchase or can be found on the manufacturer's official website. Please retain your proof of purchase for any warranty claims.

For technical support or further assistance, please refer to the contact information provided by your retailer or visit the Aramox official support channels.

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