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Delta Dore Tybox 5100

Delta Dore Tybox 5100 Wireless Thermostat User Manual

Model: Tybox 5100 | Brand: Delta Dore

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Delta Dore Tybox 5100 Wireless Thermostat. The Tybox 5100 is designed to control your heating system, including boilers and heat pumps, offering precise temperature management and potential energy savings.

2. PRODUCT OVERVIEW

2.1 Components

- **Tybox 5100 Thermostat:** The main control unit for setting desired temperatures.
- **RF 6000 Receiver:** The wireless module that connects to your heating system.

2.2 Key Features

- **Wireless Operation:** Provides flexible placement of the thermostat.
- **Precise Temperature Control:** Adjust temperature in 0.5-degree increments within a 10 to 30-degree range.
- **Broad Compatibility:** Works with most heat pumps and boilers.
- **Energy Optimization:** Integrated system for precise heating to help reduce energy consumption.
- **Remote Control (with Tydom 1.0 gateway):** Manage heating remotely via the Tydom application on smartphones or tablets.
- **Voice Control (with Tydom 1.0 gateway):** Compatible with Amazon Alexa for hands-free operation.



Image 1: The Delta Dore Tybox 5100 wireless thermostat (right) and its RF 6000 receiver (left). The thermostat features a digital display and three control buttons. The receiver has an antenna and indicator lights.

3. SETUP AND INSTALLATION

The Tybox 5100 is designed for simple and quick installation without requiring extensive renovation work.

3.1 Receiver Wiring

Connect the RF 6000 receiver to your boiler or heat pump according to the wiring diagram provided on the back of the unit. Ensure power is disconnected before performing any wiring.



Image 2: The rear view of the RF 6000 receiver, showing the wiring terminals and a diagram indicating connections for Neutral (N) and Live (L) wires, along with output terminals for the heating system. Model number 6050608 is visible.

3.2 Thermostat Placement

Place the wireless thermostat in your main living area for optimal heating management. Avoid locations near direct heat sources, drafts, or direct sunlight, as these can affect temperature readings.

3.3 Multi-Zone Heating (Optional)

For advanced heating management, multiple Tybox 5100 thermostats can be installed to control different heating zones within your home.

3.4 Tydom App Integration (Optional)

To enable remote control and advanced programming features, integrate your Tybox 5100 with a Tydom 1.0 gateway (sold separately). This allows access to the Tydom application.

4. OPERATING INSTRUCTIONS

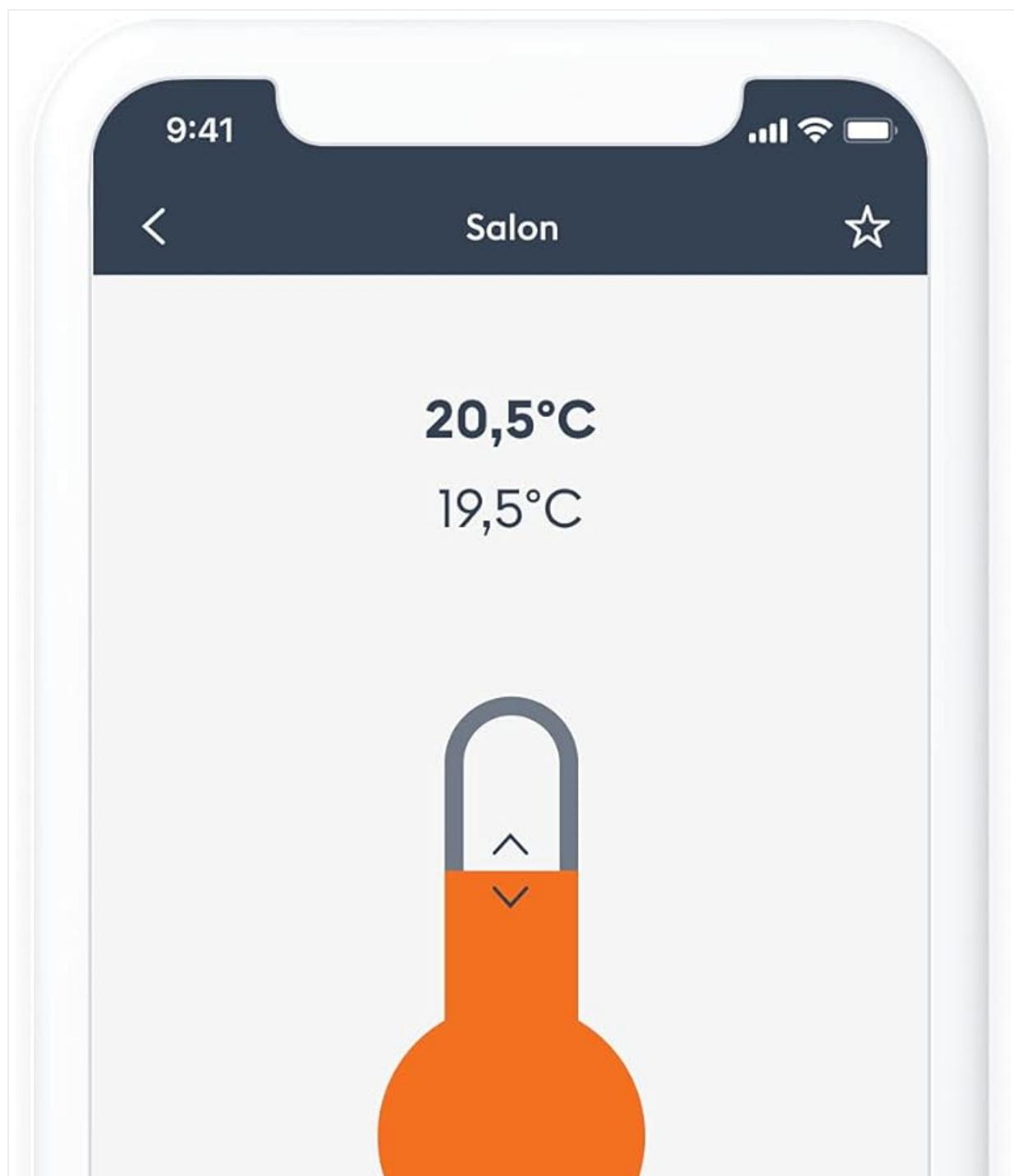
4.1 Basic Temperature Adjustment

Use the + and - buttons on the thermostat to manually increase or decrease the desired temperature. The current setpoint will be displayed on the screen.

4.2 Remote Control via Tydom App (with Tydom 1.0)

If connected to a Tydom 1.0 gateway, download the Tydom application to your smartphone or tablet. The app allows you to:

- Control your heating remotely from any location.
- Program weekly heating schedules.
- Receive real-time temperature feedback from your home.
- Create custom scenarios, such as lowering heating when leaving home.



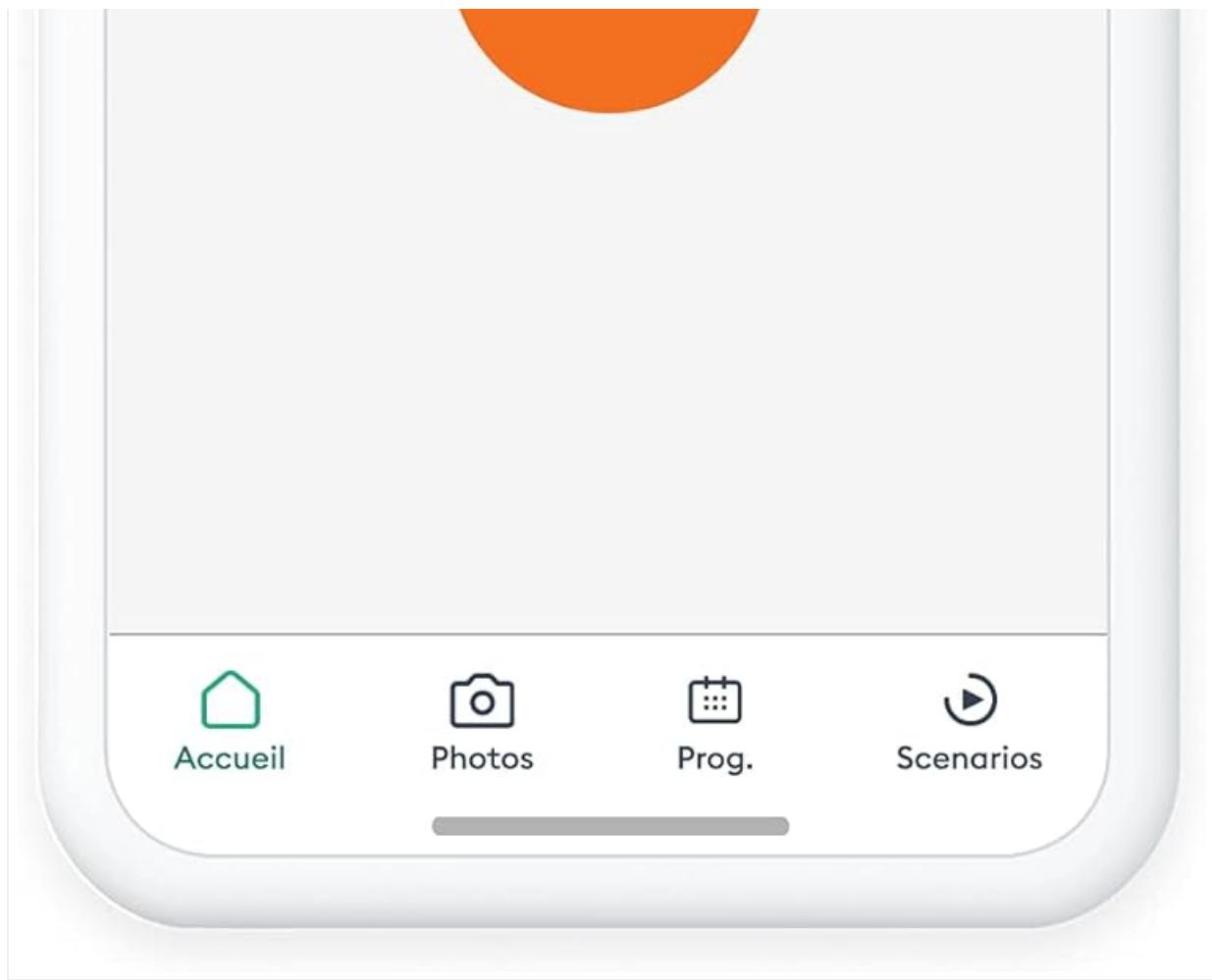


Image 3: A smartphone screen displaying the Tydom application interface, showing a temperature reading of 20.5°C and a target of 19.5°C, along with navigation icons for Home, Photos, Programming, and Scenarios.

4.3 Voice Control (with Tydom 1.0)

With the Tydom 1.0 gateway, you can control your heating using voice commands through Amazon Alexa. Refer to the Tydom app or Delta Dore support for specific voice commands.

4.4 Tydom Ecosystem Expansion

The Tydom application is expandable, allowing you to integrate and control other smart home devices such as shutters, lighting, alarm systems, cameras, and monitor energy consumption.

5. MAINTENANCE

The Delta Dore Tybox 5100 thermostat requires minimal maintenance.

- **Cleaning:** Wipe the thermostat and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The thermostat is battery-powered. Replace batteries when the low battery indicator appears on the display. Refer to the full product manual for battery type and replacement instructions.

6. TROUBLESHOOTING

If you encounter issues with your Tybox 5100 thermostat, consider the following:

- **No Display/Power:** Check the batteries in the thermostat. Ensure the RF 6000 receiver is properly connected to power.

- **No Heating Control:** Verify the wireless connection between the thermostat and receiver. Ensure the receiver is correctly wired to the heating system.
- **Incorrect Temperature Readings:** Ensure the thermostat is not placed near heat sources, drafts, or direct sunlight.
- **App Connectivity Issues:** Check your Tydom 1.0 gateway's internet connection and ensure the Tydom app is updated.

For further assistance, please contact Delta Dore customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Delta Dore
Model Name	TYBOX 5100
Model Number	6050608
Color	White
Product Dimensions (L x W x H)	2.1 x 8.4 x 8 cm
Weight	190 g
Material	Plastic
Voltage	230 Volts
Power Source	Battery Powered
Special Features	Voice Assistant Compatibility, Mobile App Control
Controller Type	Amazon Alexa
Temperature Control Type	Heating
Included Components	1 x RF 6000 Receiver, 1 x Tybox 5101 Thermostat





Image 4: The packaging box for the Delta Dore Tybox 5100, displaying the model name, a diagram of the thermostat, and various technical specifications and certifications.

8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official Delta Dore website.

For technical support, troubleshooting assistance, or any questions about your Delta Dore Tybox 5100, please contact Delta Dore customer service.

Delta Dore Official Website: www.deltadore.com

