Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

LavaTap DT92

LavaTap Pro Wireless Room Thermostat Instruction Manual

Brand: LavaTap | Model: DT92

Introduction

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your LavaTap Pro Wireless Room Thermostat. Designed for ease of use and efficient heating control, this thermostat is a direct replacement for Honeywell DT92, DT92E, and DT92E1000 digital thermostats and is compatible with the Honeywell BDR91 receiver.
Please read this manual carefully before installing and operating the device to ensure safe and optimal performance.

Safety Information

- Always disconnect power to the heating system before performing any wiring or installation procedures.
- Installation should be performed by a qualified electrician or heating engineer if you are unsure about electrical wiring.
- Do not expose the thermostat or relay box to water or excessive humidity.
- Ensure all connections are secure and comply with local electrical codes.
- Keep the device away from direct sunlight, heat sources, and strong electromagnetic fields.

Package Contents

Verify that all the following items are included in your package:

- 1 x LavaTap Pro Wireless Room Thermostat
- 1 x Wireless Relay Box
- 1 x Table Stand for Thermostat
- 2 x AA Batteries
- 1 x Instruction Manual (this document)

Product Overview

The LavaTap Pro Wireless Room Thermostat system consists of two main components: the thermostat unit and the wireless relay box. The thermostat unit measures room temperature and allows you to set your desired temperature, while the relay box connects to your heating system to control it wirelessly.



Figure 1: LavaTap Pro Wireless Room Thermostat and Relay Box. The thermostat (left) features a digital display and control buttons, while the relay box (right) is a compact unit for wireless communication with the heating system.



Figure 2: Key Features of the LavaTap Pro Thermostat. This image highlights features such as reliable wireless communication, a one-touch energy-saving button, a self-learning algorithm, and heating/cooling control capabilities.



Figure 3: Close-up view of the LavaTap Pro Thermostat display. The display shows the current temperature, and the unit includes buttons for temperature adjustment and an ECO mode.



Figure 4: LavaTap Pro Wireless Room Thermostat Retail Packaging. The packaging illustrates the product and lists its contents and applications.

Setup

1. Installation of the Wireless Relay Box

The wireless relay box connects directly to your heating system. It features easy two-wire wiring and volt-free connections, making it suitable for standard and combi boilers, electric heating (On/Off; Relay: 24-230V 5(3)A), underfloor heating, cooling systems, or heat pumps.

1. Ensure the main power supply to your heating system is turned OFF at the circuit breaker.
2. Mount the wireless relay box in a suitable location near your boiler or heating control unit, ensuring adequate ventilation.
3. Connect the relay box to your heating system according to the wiring diagram provided with your boiler or heating system. The relay box provides volt-free contacts for control.
4. Once wiring is complete, restore power to the heating system.

2. Thermostat Power and Placement

1. Insert the two AA batteries into the battery compartment of the wireless thermostat unit. Ensure correct polarity.
2. Place the thermostat unit on the provided table stand in a central location within the room, away from direct sunlight, drafts, or heat sources, to ensure accurate temperature readings.

3. Pairing the Thermostat with the Relay Box (or existing BDR91 Receiver)

The LavaTap Pro Thermostat is designed for reliable, encrypted, two-way wireless communication. It can be paired with the included wireless relay box or directly to an original Honeywell BDR91 receiver for a wire-free installation.

1. Ensure both the thermostat and the relay box (or BDR91 receiver) are powered on.

2. Refer to the specific pairing instructions provided with your BDR91 receiver or the included relay box. Generally, this involves pressing a pairing button on the receiver/relay box and then initiating a pairing sequence on the thermostat.
3. A successful pairing will typically be indicated by a light on the relay box changing state or a confirmation message on the thermostat display.

Operating Instructions

Basic Operation

- **Display:** The large digital display shows the current room temperature.
- **Temperature Adjustment:** Use the **Up** and **Down** arrow buttons to set your desired temperature (setpoint). The thermostat will automatically control your heating system to maintain this temperature within a range of 5°C to 35°C.
- **ECO Button:** Press the **ECO** button for an energy-saving mode. This feature provides a timed setback or boosts temperatures to reduce energy demand, contributing to lower energy consumption.
- **OFF Setting:** The thermostat includes an 'OFF' setting which can be used for frost protection or to prevent hypothermia in unoccupied properties during cold periods.

Advanced Features

- **Self-Learning Algorithm:** The thermostat utilizes an advanced, self-learning algorithm. This intelligent feature learns the thermal characteristics of your home to optimize heating control, ensuring more efficient boiler operation and consistent comfort.
- **Heating/Cooling Control:** The unit is capable of controlling both heating and cooling systems, offering versatility for various HVAC setups.

Maintenance

- **Cleaning:** Clean the thermostat and relay box surfaces with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** When the battery indicator appears on the thermostat display, replace the two AA batteries promptly. Use only alkaline batteries.
- **Regular Checks:** Periodically check the connections of the relay box to ensure they remain secure.

Troubleshooting

Problem	Possible Cause	Solution
Thermostat display is blank.	Dead batteries.	Replace the two AA batteries.
Heating system not responding.	No power to relay box; Relay box not paired; Signal interference.	Check power to relay box; Re-pair thermostat and relay box; Relocate thermostat or relay box to reduce interference.
Incorrect temperature reading.	Thermostat placed near heat source/draft; Sensor obstruction.	Relocate thermostat to a more central and stable temperature area; Ensure sensor is not blocked.
ECO mode not activating.	Incorrect button press; System error.	Ensure the ECO button is pressed firmly; If issue persists, try re-pairing the devices.

Specifications

Feature	Detail
Brand	LavaTap
Model Number	DT92
Model Name	FPP12216
Color	White
Voltage (Relay Box)	24-230V (Relay: 5(3)A)
Power Source (Thermostat)	2 x AA Batteries
Item Weight	470 g (total package)
Connectivity Technology	RF (Radio Frequency)
Controller Type	Push Button
Temperature Setpoint Range	5°C to 35°C
Specific Uses	Boiler, Underfloor Heating, Heat Pump, Electric Heating
Special Features	Advanced Learning Algorithm, Energy-Saving ECO Button

Warranty and Support

The LavaTap Pro Wireless Room Thermostat is made and supported by Honeywell, ensuring high quality and reliability. For technical support, warranty claims, or further assistance, please refer to the contact information provided on the product packaging or visit the official Honeywell Resideo support website. Please have your model number (DT92) and purchase details ready when contacting support.



Figure 5: Image indicating the product is made and supported by Honeywell (Resideo), highlighting the reliability and backing of a reputable brand.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0C62LH8C6

More documents and user manuals: **https://manuals.plus/**