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Lioaeust 1118634771

Lioaeust Programmable Digital LCD Room Temperature Controller Thermostat

Model: 1118634771

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lioaeust Programmable Digital LCD Room Temperature Controller Thermostat. This device is designed to regulate room temperature by controlling the operation of a gas boiler, ensuring a comfortable and energy-efficient environment. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

- **Professional Installation:** Please ensure that a qualified professional installs your thermostat to prevent electrical hazards and ensure proper functionality.
- **Power Source:** The thermostat is powered by two 1.5V batteries. Ensure correct polarity when inserting batteries.
- **Child Lock:** The thermostat features a child lock function to prevent accidental operation.
- **Anti-freeze Function:** An anti-freeze function is integrated to protect your heating system in cold conditions.
- **Protective Film:** A protective film is present on the screen. Remove it before initial use for optimal display clarity.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Lioaeust Digital Thermostat
- 2 x Mounting Screws
- 1 x English Instruction Manual

4. PRODUCT OVERVIEW

The Lioaeust thermostat features a clear LCD digital display and intuitive controls for easy temperature management.



Figure 4.1: Front view of the Lioaeust Digital Thermostat.



Figure 4.2: Thermostat display and button layout with key functions labeled.

4.1. Display Elements

- **Room Temp:** Displays the current ambient temperature.
- **Setting Temp:** Displays the desired temperature set by the user.
- **Time/Day:** Shows the current time and day of the week.
- **Manual/Automatic Indicator:** Indicates the current operating mode.

4.2. Control Buttons

The thermostat features several buttons for navigation and setting adjustments:

- **Power Button:** Turns the thermostat on or off.
- **Mode Button (M):** Switches between different operating modes (e.g., manual, automatic).
- **Clock Button (L):** Used for setting time and programming schedules.

- **Up/Down Buttons** (Δ/∇): Adjust temperature settings and navigate menu options.

5. SETUP AND INSTALLATION

5.1. Battery Installation

The thermostat requires two 1.5V batteries for operation. Open the battery compartment on the back of the unit and insert the batteries, observing the correct polarity.

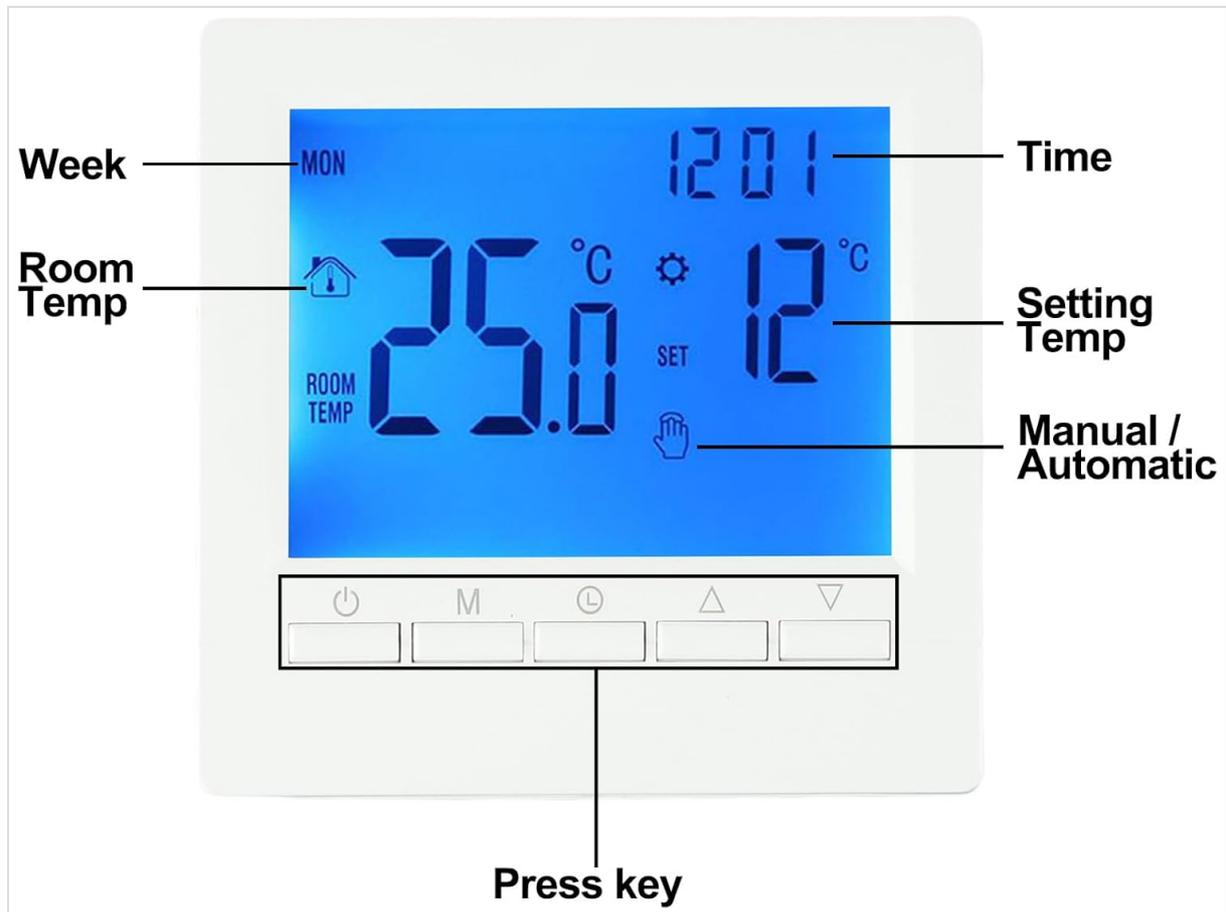


Figure 5.1: Battery compartment and wiring terminals.

5.2. Wiring Instructions

This thermostat is designed for controlling gas boilers. Connect the thermostat to your boiler using the appropriate terminals. For ordinary gas boilers, connect to the **NO (Normally Open)** and **COM (Common)** terminals. The **NC (Normally Closed)** terminal is for special gas boilers.



Figure 5.2: Connection diagram for the thermostat and a gas boiler.



Figure 5.3: Rear view of the thermostat showing wiring terminals.

5.3. Mounting

The thermostat can be conveniently installed on a wall using the provided mounting screws or placed freestanding in a desired location. Ensure the chosen location provides an accurate reading of the room's ambient temperature, away from direct sunlight, drafts, or heat sources.

6. OPERATING INSTRUCTIONS

6.1. Basic Operation

1. **Power On/Off:** Press the power button to turn the thermostat on or off.
2. **Temperature Adjustment:** Use the Up (Δ) and Down (∇) buttons to set your desired temperature. The

thermostat will automatically control the boiler to maintain this temperature.

3. **Mode Selection:** Press the Mode (M) button to switch between manual and automatic (programmed) modes.

6.2. Programming (5+2 Week Cycle)

The thermostat supports a 5+2 week programmable schedule, allowing you to set different temperature profiles for weekdays (5 days) and weekends (2 days). You can define up to 6 temperature modes per day.



Figure 6.1: Thermostat indicating one-week cycle programming capability.

Refer to the detailed programming instructions in the included English manual for step-by-step guidance on setting your weekly schedule and daily temperature modes.

6.3. Child Lock Function

To activate or deactivate the child lock, press and hold the designated button (refer to the full manual for specific button combination) for a few seconds. This prevents unauthorized changes to settings.

6.4. Anti-freeze Function

The anti-freeze function automatically activates the heating system if the room temperature drops below a preset minimum (typically 5°C or 41°F) to prevent pipes from freezing. This function operates automatically

and does not usually require manual intervention.

7. MAINTENANCE

- **Cleaning:** Wipe the thermostat's exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Ensure to use two fresh 1.5V batteries.
- **Screen Protection:** If a protective film is present on the screen, remove it carefully before use.

8. TROUBLESHOOTING

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

- **No Display/Power:** Check battery installation and ensure batteries are not depleted. Replace if necessary.
- **Incorrect Temperature Reading:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its sensor.
- **Boiler Not Responding:** Verify wiring connections to the boiler. Ensure the thermostat is in an active heating mode (not off or in a low-temperature setting). If issues persist, consult a professional.
- **Difficulty Programming:** Refer to the detailed programming section in the included English manual. If still unable to program, a factory reset might be necessary (consult the full manual for instructions).

9. SPECIFICATIONS

Brand	Lioaeust
Model Number	1118634771
Material	Plastic + Metal (Housing: PC, V-0 non-flammable)
Dimensions (L x W x H)	86 x 86 x 28 mm
Power Source	2 x 1.5V Batteries
Power Consumption	<170 UW
Current Load	3 A
Temperature Setting Range	5 to 90 °C
Switching Difference	± 1 °C
Ambient Temperature Range	-5 to 50 °C
Protection Housing	IP20
Sensor	Built-in sensor
Specific Use	Boiler control (suitable for floor heating systems controlled by a boiler)

Special Features	Anti-freeze, Child Lock
Connectivity Technology	Bluetooth (Note: Primary control is local, Bluetooth functionality may vary or require specific app)

10. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided within this manual. Please refer to your purchase documentation or contact the retailer for details regarding warranty coverage.

Information regarding the availability of spare parts is currently unavailable.