Srliya Srliyadu9so3zbwy-11

Srliya Smart Thermostat User Manual

Model: Srliyadu9so3zbwy-11

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Srliya Smart Thermostat. This device is designed for precise temperature control in underfloor heating systems or steam rooms, offering a color display and intuitive knob control for user convenience.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or property damage.

- Installation must be performed by a qualified electrician in accordance with local electrical codes.
- Always disconnect power at the circuit breaker before installing or servicing the thermostat.
- Do not install the thermostat in areas with excessive moisture or direct water exposure.
- Ensure all wiring connections are secure and properly insulated.
- This device is intended for indoor use only.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Srliya Smart Thermostat
- 2 x Mounting Screws
- 1 x Instruction Manual (this document)

Figure 2: Thermostat and included screws.

4. SETUP AND INSTALLATION

4.1 Installation Location

Install the thermostat in a location that accurately reflects the room temperature, away from direct sunlight, drafts, or heat sources. The thermostat is designed for universal cassette installation, fitting both 86x86mm square boxes or European 60mm round boxes.

4.2 Wiring Instructions

WARNING: Disconnect power at the circuit breaker before proceeding with wiring.

1. Carefully remove the front panel of the thermostat to access the wiring terminals.
2. Connect the power supply wires (95-240V AC, 50-60Hz or 24V DC/AC, 50-60Hz) to the designated terminals.
3. Connect the heating system wires (e.g., underfloor heating cables or boiler control wires) to the appropriate load terminals. The thermostat supports a current load of 5A for water heating/gas boilers or 16A for electric heating.
4. Connect the NTC3950, 10k sensor to its dedicated terminals. This sensor measures the floor or room temperature.
5. Ensure all wires are securely fastened. The terminals are designed for wire sizes 2x1.5mm² or 1x2.5mm².
6. Mount the thermostat base into the wall box using the provided screws.
7. Reattach the front panel to the thermostat base.

Figure 3: Thermostat showing installation depth.

4.3 Initial Power-On

After installation, restore power at the circuit breaker. The thermostat's color display should illuminate, indicating it is ready for operation.

5. OPERATING INSTRUCTIONS

The Srliya Smart Thermostat features a liquid crystal color display and a capacitive touch knob for easy

operation.

5.1 Display Overview

The color display clearly shows the current room temperature, the set temperature, operating mode, and other relevant information. The display is designed for easy readability.

Figure 4: Close-up of the control knob and display.

5.2 Setting Temperature

To adjust the desired temperature:

1. Rotate the central knob clockwise to increase the set temperature.
2. Rotate the central knob counter-clockwise to decrease the set temperature.
3. The display will show the new set temperature, and the system will adjust heating to reach this target.

5.3 Mode Selection (If Applicable)

Refer to the on-screen prompts or specific icons near the knob for advanced mode selections, such as programming schedules or switching between manual and automatic modes. Typically, a short press on the knob or a specific touch area activates mode selection, followed by knob rotation to navigate and another press to confirm.

6. MAINTENANCE

6.1 Cleaning

To clean the thermostat, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners,

solvents, or chemical sprays, as these can damage the display or casing. Ensure the thermostat is powered off before cleaning.

6.2 General Care

Avoid exposing the thermostat to extreme temperatures, direct sunlight for prolonged periods, or excessive humidity. Do not attempt to disassemble the unit beyond what is described in the installation instructions.

7. TROUBLESHOOTING

If you encounter issues with your thermostat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Thermostat display is blank.	No power supply.	Check circuit breaker and wiring connections. Ensure power is restored.
Heating system not responding.	Incorrect wiring; thermostat in wrong mode; heating system fault.	Verify wiring connections. Check thermostat operating mode. Consult a heating technician if the heating system itself is faulty.
Inaccurate temperature reading.	Sensor issue; thermostat location.	Ensure the NTC sensor is properly connected. Relocate the thermostat if it's in a drafty or hot spot.
Cannot change settings.	Thermostat locked or in a specific program mode.	Refer to the operating instructions for unlocking or changing modes.

8. SPECIFICATIONS

Detailed technical specifications for the Srliya Smart Thermostat:

Feature	Specification
Model Number	Srliyadu9so3zbwy-11
Voltage	95-240V AC, 50-60Hz or 24V DC/AC, 50-60Hz
Sensor	NTC3950, 10k
Room Temperature Range	5-70°C
Set Temperature Range	5-35°C
Display Temperature Range	5-70°C
Ambient Temperature	0 to 45°C
Ambient Humidity	5-95% RH (Non-condensing)
Storage Temperature	-5°C to 45°C
Power Consumption	<1.5W

Feature	Specification
Protection Level	IP20
Button Type	Capacitive Touch
Current Load	5A (Water Heating, Water Gas Boiler) / 16A (Electric Heating)
Installation Box	86x86mm Square Box or European 60mm Round Box
Terminal Wire Size	2x1.5mm² or 1x2.5mm²
Item Weight	7.5 ounces (approx. 212g)
Dimensions (Package)	4.72 x 3.94 x 2.76 inches
Thickness (Thermostat)	12.4mm (thin profile)

Figure 5: Side view illustrating the thermostat's thin design.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact the retailer. For technical support or further assistance, please reach out to the manufacturer or your point of purchase.