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Gsyncle Gsyncle8gzshgdwa1-12

Gsyncle Programmable Smart Thermostat User Manual

Model: Gsyncle8gzshgdwa1-12

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Gsyncle Programmable Smart Thermostat. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

- Installation must be performed by a qualified electrician.
- Always disconnect power at the circuit breaker before installing or servicing the thermostat.
- Ensure all wiring complies with local electrical codes and regulations.
- Do not install in locations with excessive vibration, direct sunlight, or extreme temperature fluctuations.
- This thermostat is designed for AC95-240V electric heating systems. Do not use with other voltage systems or heating types.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

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

4. PRODUCT OVERVIEW

The Gsycle Smart Thermostat features a sleek, round design with a 13mm recessed panel for seamless integration into your home. It includes an LED display for clear temperature readings and capacitive touch keys for intuitive control.



Figure 4.1: Front view of the Gsycle Smart Thermostat, showcasing its LED display and the included mounting screws.



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This series of products has a total of 8 kinds of light reactions, and the rainbow series adds color to your life

Figure 4.2: The thermostat's LED display showing different icons for mode, time, and temperature settings, indicating its versatile interface.



01 PC ABS shell
Anti flame retardant material, safer and more assured

02 Thermal hole design
Avoid affecting temperature data



03 Silver metal matte frame
Feel more comfortable



Figure 4.3: Side profile of the thermostat, illustrating its 13mm recessed panel design, thermal hole for accurate temperature sensing, and durable PC ABS shell construction.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of your thermostat. Ensure power is OFF before proceeding.

5.1 Mounting

1. Choose a suitable location on an interior wall, away from direct sunlight, drafts, or heat sources.
2. The thermostat is designed to fit standard 86x86mm or European-style concealed boxes.
3. Carefully separate the front panel from the back plate.
4. Mount the back plate to the wall box using the provided screws. Ensure it is level.

5.2 Wiring

Connect the electrical wires to the terminals on the back plate according to your heating system's wiring diagram. This thermostat is for electric heating systems (AC95-240V, 16A). Consult a qualified electrician if you are unsure about wiring connections.

5.3 Final Assembly

1. Once wiring is complete and secure, carefully reattach the front panel to the mounted back plate.
2. Restore power at the circuit breaker. The thermostat display should illuminate.



Figure 5.1: The Gsycle Smart Thermostat seamlessly installed on a wall, demonstrating its recessed design in a typical home environment.

6. OPERATING INSTRUCTIONS

Your Gsycle Smart Thermostat offers intuitive control and programmable features for optimal comfort and energy efficiency.

6.1 Basic Operation

- **Power On/Off:** Press the power icon (usually a circle with a line) to turn the thermostat on or off.
- **Temperature Adjustment:** Use the up and down arrow icons on the display to set your desired temperature. The current room temperature and set temperature will be displayed.
- **Mode Selection:** Press the mode icon (e.g., flame for heating) to cycle through available operating modes.

6.2 Programmable Settings

The thermostat supports 5+1+1 day programming (5 weekdays, Saturday, Sunday) with 6 programmable time slots per day. This allows you to customize temperature settings to match your schedule and save energy.

1. Access the programming menu by pressing and holding the menu/settings icon (refer to display icons).
2. Navigate through the days and time slots using the arrow keys.
3. Set the desired temperature for each time slot.
4. Confirm settings to save. The thermostat will automatically follow the programmed schedule.

6.3 Power Failure Protection

The thermostat is equipped with a power failure protection function. All your settings, including programmed schedules, are safely stored in memory and will be retained even during a power outage. No need to reconfigure after power is restored.

13.0MM THIN

Light and thin thickness can be applied to various styles of home, with round or square mounting boards to make the product easier to integrate into the home scene

One key energy saving

Time error <1%

Power Consumption <1.5W



New UI interface, humanized interface layout, larger window, wider interface; larger screen is clearer, bringing you a new temperature control operation experience

Figure 6.1: The thermostat's design emphasizes its 13.0mm thin profile and energy-saving capabilities, including a time error of less than 1% and power consumption below 1.5W.

7. MAINTENANCE

To ensure optimal performance and longevity of your Gcycle Smart Thermostat, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the display and outer casing with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the surface or internal components.
- **Sensor Area:** Ensure the thermal hole (refer to Figure 4.3) is free from dust or obstructions to maintain accurate temperature readings.
- **Avoid Impact:** Protect the thermostat from physical impact or dropping, which can damage the sensitive electronics.

8. 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, incorrect wiring	Check circuit breaker. Verify wiring connections are secure and correct.
Incorrect temperature reading	Sensor obstructed, thermostat location	Ensure the thermal hole is clear. Relocate thermostat if exposed to drafts or direct heat.
Heating system not responding	Wiring issue, system fault	Check wiring to the heating system. Consult a qualified technician if the heating system itself is faulty.
Programmable schedule not working	Settings not saved, manual override	Ensure programmed settings were saved. Check if the thermostat is in manual mode; switch to auto/program mode.

If the problem persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model	Gcycle8gzshgdwa1-12
Voltage Range	AC95-240V
Current	16A
Sensor	NTC3950, 10K
Temperature Error	±1 Degree Celsius
Temperature Control Range	5-35 Degree Celsius
Room Temperature Range	5-99 Degree Celsius
Display Temperature Range	5-99 Degree Celsius
Normal Working Environment Temperature	0-45 Degree Celsius

Feature	Specification
Normal Working Environment Humidity	5-95% RH (No Condensation)
Storage Temperature	-10-45 Degree Celsius
Power Consumption	<1.5W
Time Error	<1%
Mounting Insert Box	86x86mm or Regular European Style Concealed Box
Connector	2 x 1.5 mm ² or 1 x 2.5 mm ²
Protection Grade	IP20
Key Type	Capacitive Touch Keys
Material	PC, ABS
Weight	Approx. 200g / 7.1oz
Panel Thickness	13mm (recessed)

10. WARRANTY AND SUPPORT

Gsycle products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Gsycle website. Please have your model number (Gsycle8gzshgdwa1-12) ready when contacting support.

