

IVELECT HY08WE-4

IVELECT HY08WE-4 Wi-Fi Programmable Touchscreen Thermostat User Manual

Model: HY08WE-4

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and programming of your IVELECT HY08WE-4 Wi-Fi Programmable Touchscreen Thermostat. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The IVELECT HY08WE-4 is a modern Wi-Fi enabled touchscreen thermostat designed for efficient temperature control in your home. It features multiple working modes, weekly programming, and remote control capabilities via Wi-Fi.



Figure 1: Front view of the IVELECT HY08WE-4 Wi-Fi Thermostat, showing the touchscreen display and control buttons (Power, SET, OK, Up, Down) along with two mounting screws.



Figure 2: Close-up of the thermostat's digital display, showing current room temperature (19.5°C), set temperature (21.5°C), current time (08:00), and 'AUTO' mode indicator.

3. INSTALLATION

3.1 Safety Precautions

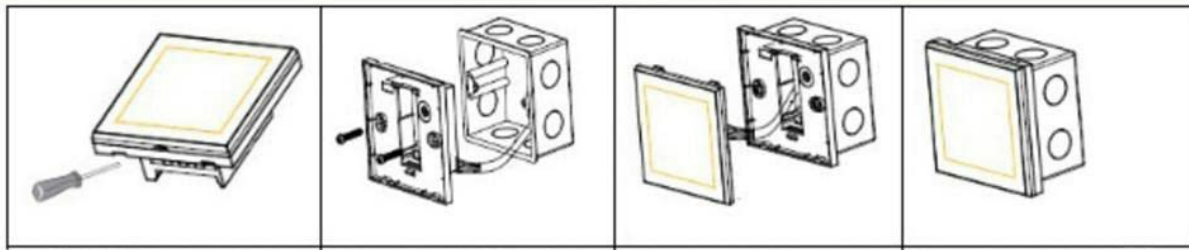
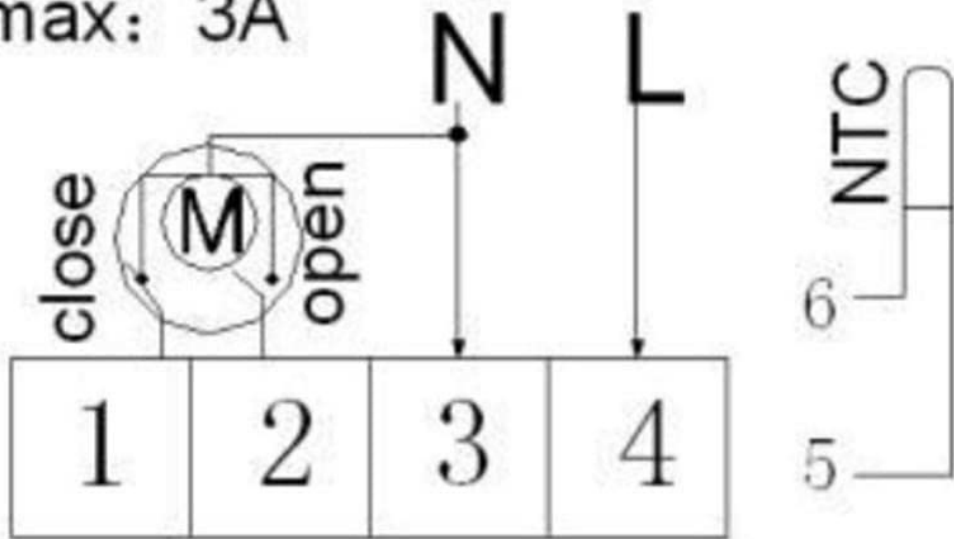
- Ensure power is turned off at the main circuit breaker before beginning installation.
- Installation should be performed by a qualified electrician.
- Do not install the thermostat in locations exposed to direct sunlight, drafts, or near heat sources.

3.2 Wiring Diagram

Refer to the following diagram for correct wiring connections. Ensure all connections are secure.

AC230V 50/60Hz

I_{max}: 3A



Step 1

Step 2

Step 3

Step 4

Figure 3: Wiring diagram for the thermostat (AC230V 50/60Hz, I_{max}: 3A for WW, 16A for WE). Connections include N (Neutral), L (Live), and NTC sensor. Below the diagram are four steps illustrating the physical installation process: 1. Removing the front panel, 2. Mounting the backplate, 3. Wiring, 4. Attaching the front panel.

3.3 Placement Guidelines

For optimal performance, install the thermostat on an interior wall, approximately 1.5 meters (5 feet) from the floor. Avoid installing it in wall corners, near doors/windows, behind doors, or in unheated areas like exterior walls. Keep it away from hot/cold air ducts, radiators, flues, or thermal pipes.

3.4 Heating System Compatibility

The thermostat is compatible with various heating systems, including water-hung boiler heating and water floor heating systems.

Water-Hung Boiler Heating



Water Floor Heating



Figure 4: Diagrams illustrating the application of the thermostat with 'Water-Hung Boiler Heating' and 'Water Floor Heating' systems, showing typical installation scenarios.

4. OPERATION MODES

The thermostat offers three primary working modes:

- **Automatic Mode:** The thermostat maintains the set temperature based on its internal NTC sensor. If the actual temperature is lower than the set temperature, the heating contact closes (heating activates). If higher, the cooling contact closes (cooling activates, if applicable).
- **Holiday Mode:** This mode allows you to set a specific duration (1 to 30 days) during which the thermostat operates at a pre-defined holiday temperature. After the set period, it automatically returns to Automatic Mode. To access, long press the appropriate button (refer to on-screen prompts).
- **Temporary Manual Mode:** While in Automatic Mode and unlocked, you can temporarily adjust the temperature. The thermostat will maintain this new temperature until the next scheduled program change or until manually overridden.



Figure 5: The thermostat display showing current room temperature, set temperature, and an active flame icon indicating heating is engaged. The 'ROOM' indicator and 'AUTO' mode are also visible.

5. PROGRAMMING AND SETTINGS

5.1 Time Setting

Short press the **SET** button to cycle through setting options for Minute, Hour, and Week. Use the Up/Down arrows to adjust values.

5.2 Weekly Period Programming

The thermostat supports 6-period programming for 7 days. To access advanced options, power off the thermostat, then long press **SET**. Short press **SET** again to navigate to the 'AC' option, where you can choose between 5+2 (weekdays + weekend), 6+1 (weekdays + one weekend day), or 7-day programming modes. The default mode is 5+2.

5.3 Temperature Calibration

You can calibrate the temperature sensor accuracy between -9°C and $+9^{\circ}\text{C}$. The temperature control return difference can be set between 0.5°C and 5°C .

5.4 Child Lock

To activate or deactivate the child lock, long press the **OK** button for 5 seconds. This prevents unauthorized changes to settings.

6. Wi-Fi AND VOICE CONTROL

The HY08WE-4 thermostat features Wi-Fi connectivity, allowing remote control via a smartphone application. It also supports voice control through compatible smart home devices.



Figure 6: An illustration showing the thermostat's Wi-Fi capabilities, including connectivity to a smartphone app and integration with voice assistants like Amazon Echo for voice control.

7. MAINTENANCE

To ensure the longevity and optimal performance of your thermostat:

- Clean the screen and casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the thermostat to extreme temperatures or humidity.
- Ensure the area around the thermostat is clear of obstructions that could affect temperature readings.

8. TROUBLESHOOTING

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

- **No Power/Display:** Check the main circuit breaker and ensure all wiring connections are secure.
- **Incorrect Temperature Reading:** Verify the thermostat's placement is not affected by drafts or heat sources. Perform a temperature calibration if necessary.
- **Heating/Cooling Not Activating:** Check the selected operating mode and programmed schedule. Ensure the set temperature is appropriate for activation.
- **Wi-Fi Connectivity Issues:** Ensure your home Wi-Fi network is active and the thermostat is within range. Refer to the specific Wi-Fi setup instructions in the accompanying app manual (if provided).

For persistent issues, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Power	230Vac 50/60Hz
Display Accuracy	0.5°C
Probe Sensor	NTC(10k)1%
Running Program	7 Day (6 periods)
Contact Capacity	3A/250V (WW); 16A/250V (WE)
Working Environment Temperature	0~90°C
Range of Temperature Display	0~40°C
Range of Temperature Adjustment	5~35°C
Dimensions	86 x 86 x 27 mm (3.39 x 3.39 x 1.06 inches)

10. PACKAGE CONTENTS

- 1 x IVELECT HY08WE-4 Thermostat

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact your retailer/manufacturer directly. Keep your purchase receipt as proof of purchase.

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