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› INKBIRD Plug in Thermostat WiFi User Manual

Inkbird C236TWIFI-15A-US

INKBIRD Plug in Thermostat WiFi User Manual

Brand: Inkbird | Model: C236TWIFI-15A-US

1. INTRODUCTION

The INKBIRD C236TWIFI-15A-US is a versatile plug-in thermostat designed for precise temperature control in various applications. Featuring WiFi connectivity, it allows for remote monitoring and adjustment via the INKBIRD app, offering convenience and flexibility. This thermostat supports both heating and cooling modes, with a robust 1800W/15A output, making it suitable for a wide range of devices from heaters and air conditioners to incubators and refrigerators. Its intuitive design includes a clear LCD display, multiple operating modes, and essential safety features like high/low temperature alarms and power-off memory.



Figure 1.1: INKBIRD Plug in WiFi Thermostat and its mobile application interface.

2. PRODUCT FEATURES

- **WiFi Remote Control:** Monitor and adjust temperature settings from anywhere using the INKBIRD app.
- **Powerful Thermostat:** Controls temperature with countdown timer and manual mode, offering up to 10 operating modes.
- **Ultra Power Output:** Maximum output of 1800W (15A) at 120V, with a temperature range of -40°F to 212°F.
- **High-Quality Probe:** Includes an IP67 waterproof temperature probe for quick and accurate readings.
- **Safety & Reliability:** Supports high and low temperature alarms, cooling delay, and temperature calibration.
- **Power-off Memory:** Retains all settings when power is lost and automatically resumes operation upon power restoration.
- **Wide Variety of Uses:** Ideal for greenhouses, reptiles, incubators, freezers, heaters, refrigerators, home brewing, fermentation, and heat mats.

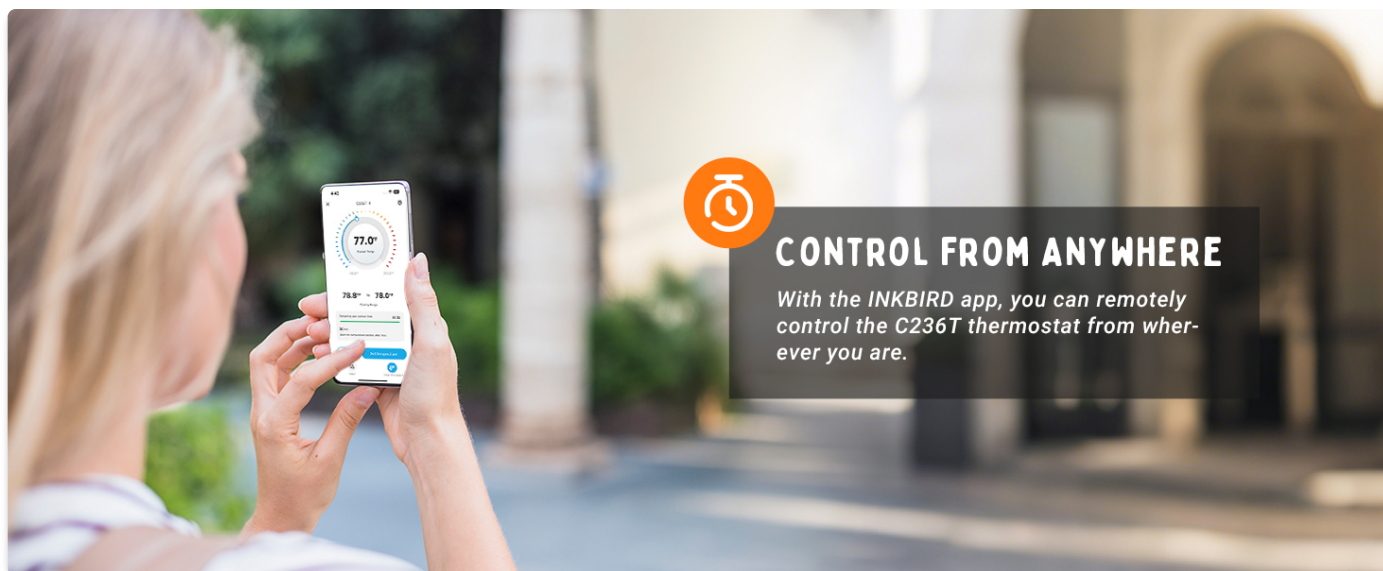


Figure 2.1: Remote control capability via the INKBIRD app.

VERSATILE FOR ALL YOUR NEEDS



Refrigerator



Space Heater



Air Conditioner



Home brewing



Greenhouse



RV

Figure 2.2: Customizable high and low temperature alarms for enhanced safety.

3. SETUP

Follow these steps to set up your INKBIRD Plug in WiFi Thermostat:

1. **Unpack the Device:** Carefully remove the thermostat and temperature probe from its packaging.
2. **Plug In:** Insert the thermostat into a standard 120V AC power outlet.
3. **Connect Probe:** Plug the temperature probe into the designated port on the thermostat. Ensure it is securely connected.
4. **Download App:** Download the INKBIRD app from your smartphone's app store (iOS or Android).
5. **Register/Log In:** Open the INKBIRD app and create an account or log in if you already have one.
6. **Add Device:** Follow the in-app instructions to add your C236TWIFI-15A-US thermostat. This typically involves putting the device into pairing mode (refer to the device's display or quick start guide for specific button presses) and connecting it to your home WiFi network.
7. **Placement:** Position the temperature probe in the area where you need to monitor and control the temperature. Ensure it is not directly exposed to heat sources or drafts that could skew readings.

4. OPERATING MODES

The INKBIRD thermostat offers flexible programming with four primary working modes:

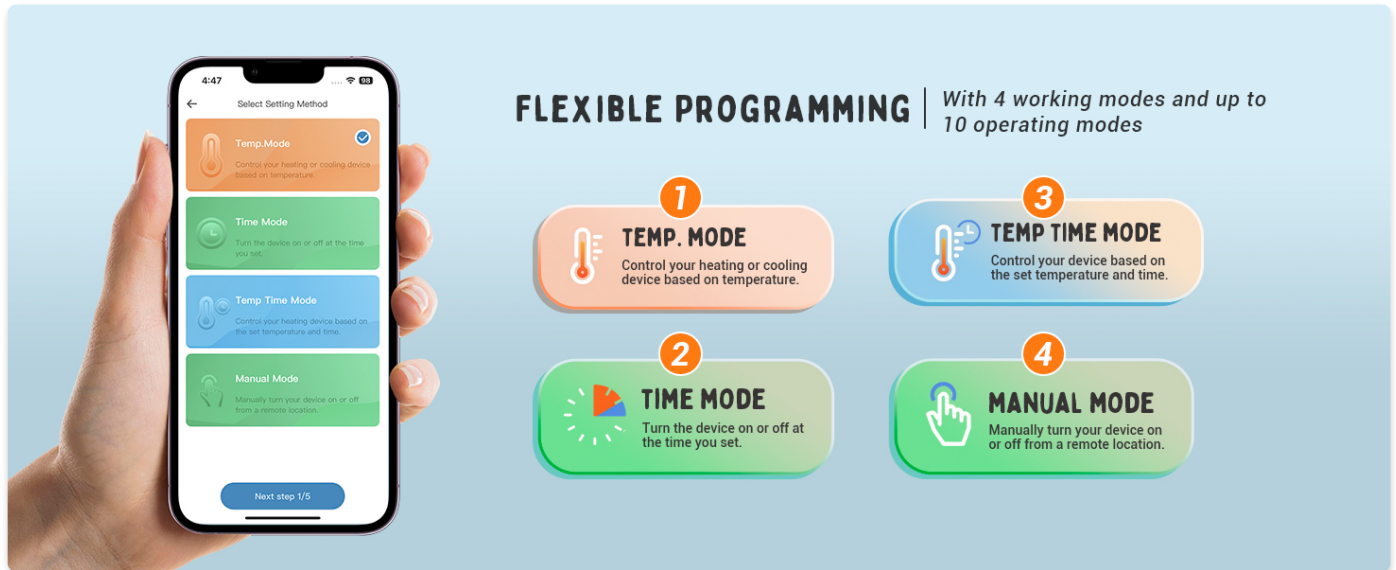


Figure 4.1: Overview of the four flexible programming modes.

4.1. Temperature Mode (TEMP. MODE)

In this mode, the device controls your connected appliance based solely on temperature readings from the probe. You set a START temperature and a STOP temperature.

- **Heating Function:** When the START temperature is set lower than the STOP temperature, the outlet functions as a heater control. The appliance turns ON when the temperature falls below START and turns OFF when it rises above STOP.
- **Cooling Function:** When the START temperature is set higher than the STOP temperature, the outlet functions as an AC control. The appliance turns ON when the temperature rises above START and turns OFF when it falls below STOP.

4.2. Time Mode (TIME MODE)

This mode allows you to turn the device on or off at specific times you set, functioning as a programmable timer independent of temperature.

4.3. Temperature Time Mode (TEMP TIME MODE)

This advanced mode combines temperature and time control. The device will control your appliance based on both the set temperature and specific time periods, offering more nuanced control for complex applications.

4.4. Manual Mode (MANUAL MODE)

In Manual Mode, you can manually turn your device on or off from a remote location via the INKBIRD app. This provides immediate control without relying on programmed settings.

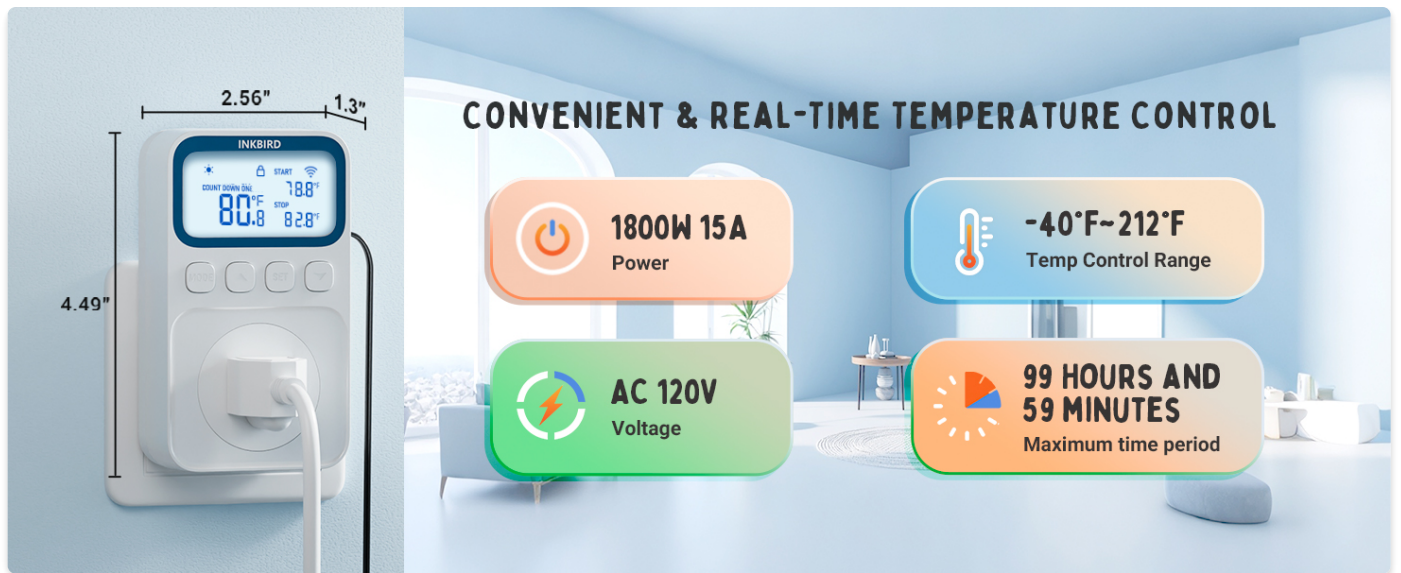


Figure 4.2: Convenient and real-time temperature control display.

5. MAINTENANCE

To ensure optimal performance and longevity of your INKBIRD thermostat, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the thermostat and probe with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Probe Care:** Ensure the temperature probe is clean and free from debris. Avoid bending or kinking the probe cable excessively.
- **Storage:** If storing the device for an extended period, unplug it from the power outlet and store it in a cool, dry place.

6. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Device not powering on.	No power from outlet; device malfunction.	Check the power outlet with another appliance. Ensure the thermostat is properly plugged in.
Cannot connect to WiFi.	Incorrect WiFi password; out of range; router issues.	Verify WiFi password. Move thermostat closer to router. Restart router. Ensure 2.4GHz WiFi is used.
Temperature readings are inaccurate.	Probe not properly inserted; probe damaged; probe exposed to external factors.	Ensure probe is fully inserted. Check probe for visible damage. Reposition probe away from direct heat/cold sources. Perform temperature calibration via the app if available.
Appliance not turning on/off as expected.	Incorrect mode selected; START/STOP temperatures set incorrectly; cooling delay active.	Verify the selected operating mode. Double-check START and STOP temperature settings. Adjust cooling delay if necessary.
High/Low temperature alarm sounds frequently.	Alarm thresholds set too close to operating range; actual temperature fluctuation.	Adjust the high/low alarm thresholds in the app to a wider range. Investigate environmental factors causing temperature swings.

Problem	Possible Cause	Solution
Settings lost after power outage.	This should not happen.	The device features power-off memory. If settings are lost, contact support.



Figure 6.1: The thermostat retains settings even after a power interruption.

7. SPECIFICATIONS

Attribute	Value
Brand	Inkbird
Model Name	C236T-WIFI
Item Model Number	C236TWIFI-15A-US
Product Dimensions	1.2"D x 2.5"W x 4.5"H
Controller Type	Push Button
Special Feature	Temperature Display, Programmable
Color	White
Specific Uses For Product	Electric Baseboard Heater, Air Conditioner, Heat Pump, Refrigerator
Temperature Control Type	Heating/Cooling
Connectivity Technology	Wi-Fi
Included Components	Thermostat, Temperature Probe
Item Weight	8 ounces
Voltage	120 Volts

Attribute	Value
Material	Plastic, Metal
Control Method	App
Mounting Type	Wall Mount (Plug-in)

8. WARRANTY & SUPPORT

For warranty information and technical support, please visit the official Inkbird website or contact their customer service directly. You can find more information and contact details on the [Inkbird Amazon Store](#).

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