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Honeywell Home TH104PLUS/U

Aube by Honeywell TH104PLUS/U Programmable Electronic Thermostat User Manual

Model: TH104PLUS/U

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Aube by Honeywell TH104PLUS/U Programmable Electronic Thermostat. This thermostat is designed for precise temperature control in residential heating applications, specifically for baseboards, convectors, and fan-forced heaters.



Figure 1: Front view of the Aube by Honeywell TH104PLUS/U Thermostat, showing the digital display and control buttons.

Key Features:

- **Ultimate Temperature Control:** Achieves high accuracy with $\pm 0.15^{\circ}\text{C}$ / 0.27°F .
- **5+2 Programming:** Allows for separate programming schedules for weekdays and weekends.
- **Easy Installation:** Features a 2-wire non-polarized connection for quick setup.
- **Silent Operation:** Ensures quiet performance, suitable for all rooms including bedrooms.
- **Temporary Bypass:** Enables temporary temperature adjustments without altering the programmed schedule.
- **Large Backlit LCD:** Provides clear visibility with intuitive programming icons.

2. SETUP AND INSTALLATION

Important: Installation should be performed by a qualified electrician in accordance with local electrical codes. Disconnect power to the heating system at the main service panel before installation to prevent electrical shock.

Installation Steps:

1. **Power Disconnection:** Turn off the power to your heating system at the circuit breaker or fuse box.
2. **Wiring:** The TH104PLUS/U thermostat features a 2-wire non-polarized connection. Connect the thermostat wires to your heating system's wiring as indicated in the included wiring diagrams. Ensure all connections are secure.
3. **Mounting:** Mount the thermostat securely to the wall using the provided hardware.
4. **Power Restoration:** Once installation is complete and all connections are verified, restore power to the heating system.

Refer to the "Documentation" and "Wiring Diagrams" included with your product for detailed wiring instructions specific to your heating system type.

3. OPERATING INSTRUCTIONS

The TH104PLUS/U thermostat is designed for user-friendly operation with its large backlit LCD and intuitive icons.

Basic Operation:

- **Display:** The LCD shows the current time, day, temperature, and operating mode (e.g., Auto).
- **Temperature Adjustment:** Use the up/down buttons (often represented by a bar with a line in the middle, or distinct up/down arrows) to manually adjust the setpoint temperature.
- **Temporary Bypass:** When you manually adjust the temperature during a programmed period, the thermostat enters a temporary bypass mode. It will revert to the programmed schedule at the next scheduled event.

Programming the Schedule (5+2 Days):

The thermostat allows for two distinct programming schedules: one for weekdays (Monday-Friday) and one for weekends (Saturday-Sunday). Each day can have multiple programming periods (e.g., Wake, Leave, Return, Sleep).

1. **Access Programming Mode:** Consult your thermostat's specific button layout (e.g., a "Program" or "Menu" button) to enter programming mode.
2. **Set Weekday Schedule:** Follow the on-screen prompts to set the desired temperatures and times for each period (e.g., 6:00 AM at 21°C, 8:00 AM at 18°C, etc.) for Monday through Friday.
3. **Set Weekend Schedule:** Repeat the process for Saturday and Sunday.
4. **Save Settings:** Ensure you save your programmed schedule before exiting the programming mode.

Detailed instructions for programming specific time periods and temperatures are available in the full documentation provided with the product.

4. MAINTENANCE

The Aube by Honeywell TH104PLUS/U thermostat requires minimal maintenance to ensure optimal performance.

- **Cleaning:** Periodically wipe the thermostat's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Avoid Obstructions:** Ensure that no objects block the thermostat's vents or sensors, as this can affect temperature readings.
- **No User-Serviceable Parts:** The thermostat contains no user-serviceable parts. Do not attempt to open or repair the unit yourself.

5. TROUBLESHOOTING

If you experience issues with your thermostat, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Display is blank.	No power to the thermostat.	Check the circuit breaker or fuse for your heating system. Ensure power is restored. Verify wiring connections.
Heating system not responding.	Incorrect wiring, thermostat in "Off" mode, or heating system issue.	Verify thermostat is in "Auto" or "Heat" mode. Check wiring connections. Consult a qualified electrician if the issue persists.
Temperature reading seems inaccurate.	Thermostat sensor obstructed or located in a drafty area.	Ensure no objects are blocking the thermostat. Relocate the thermostat if it's in a draft or near a heat source/vent.
Cannot program schedule.	Incorrect programming steps followed.	Refer to Section 3: Operating Instructions and the detailed programming guide included with your product.

If these steps do not resolve the issue, contact customer support or a qualified technician.

6. SPECIFICATIONS

- **Model:** TH104PLUS/U
- **Brand:** Honeywell Home (Aube by Honeywell Home)
- **Item Weight:** 0.4 Pounds
- **Color:** White
- **Controller Type:** Push Button
- **Special Feature:** Programmable
- **Specific Uses for Product:** Electric Baseboard Heater
- **Temperature Control Type:** Heating
- **Power Source:** AC/DC
- **Included Components:** Documentation, Wiring Diagrams
- **Batteries Required:** No
- **Accuracy:** $\pm 0.15^{\circ}\text{C}$ / 0.27°F
- **First Available Date:** November 6, 2012

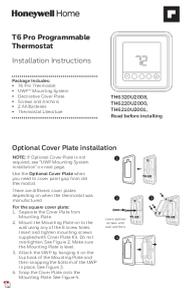
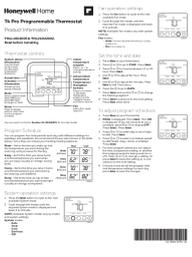
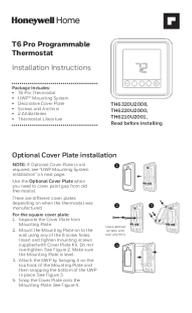
7. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card or documentation included with your Aube by Honeywell TH104PLUS/U thermostat. You can also visit the official Honeywell Home website or contact their customer support for assistance.

Online Resources: www.honeywellhome.com

Manufacturer: Aube by Honeywell Home

Related Documents - TH104PLUS/U

 <p>Honeywell Home T6 Pro Programmable Thermostat Installation Instructions</p> <p>Package Includes:</p> <ul style="list-style-type: none">1 Thermostat1 User Manual1 Quick Start Guide1 Temperature Sensor1 Temperature Sensor Mounting Plate <p>Model: TH6320U2008, TH6220U2000, TH6210U2001</p> <p>Read before installing.</p> <p>Optional Cover Plate Installation</p> <p>NOTE: If you use the optional cover plate, you must use the optional cover plate. Do not use the optional cover plate with the thermostat.</p> <p>There are 2 types of optional cover plates: 1. Standard Cover Plate (TH6320U2008, TH6220U2000) 2. Slim Cover Plate (TH6210U2001)</p> <p>For the square cover plate:</p> <ol style="list-style-type: none">Remove the thermostat from the wall.Remove the cover plate from the wall.Align the thermostat with the cover plate.Press the thermostat into the cover plate.Press the cover plate into the wall. <p>For the slim cover plate:</p> <ol style="list-style-type: none">Remove the thermostat from the wall.Remove the cover plate from the wall.Align the thermostat with the cover plate.Press the thermostat into the cover plate.Press the cover plate into the wall.	<p>Honeywell Home T6 Pro Programmable Thermostat Installation Instructions</p> <p>Comprehensive installation guide for the Honeywell Home T6 Pro Programmable Thermostat, covering setup, wiring, system configuration, and troubleshooting for models TH6320U2008, TH6220U2000, and TH6210U2001.</p>
 <p>Honeywell Home T4 Pro Programmable Thermostat Product Information</p> <p>Product Information</p> <p>Installation and Operation Guide</p> <p>Learn how to install, program, and operate the Honeywell Home T4 Pro Programmable Thermostat (models TH4110U2005, TH4210U2002). This guide covers scheduling, system modes, fan settings, and troubleshooting for efficient home climate control.</p>	<p>Honeywell Home T4 Pro Programmable Thermostat: Installation and Operation Guide</p> <p>Learn how to install, program, and operate the Honeywell Home T4 Pro Programmable Thermostat (models TH4110U2005, TH4210U2002). This guide covers scheduling, system modes, fan settings, and troubleshooting for efficient home climate control.</p>
 <p>Honeywell Home T4, T4R & T4M Thermostat User Guide</p> <p>User Guide</p> <p>Comprehensive user guide for Honeywell Home T4, T4R, and T4M thermostats. Learn how to install, set schedules, use features like Away Mode and Optimisation, and troubleshoot common issues. Includes details on programmable, wireless, and modulating models.</p>	<p>Honeywell Home T4, T4R & T4M Thermostat User Guide - Setup, Features, and Troubleshooting</p> <p>Comprehensive user guide for Honeywell Home T4, T4R, and T4M thermostats. Learn how to install, set schedules, use features like Away Mode and Optimisation, and troubleshoot common issues. Includes details on programmable, wireless, and modulating models.</p>
 <p>Honeywell Home T6/T6R Smart Thermostat Features, Specifications, and Technical Data</p> <p>Features, Specifications, and Technical Data</p> <p>Explore the Honeywell Home T6 and T6R smart thermostats. This document details their features, technical specifications, OpenTherm® functionality, radio communication, dimensions, and catalog information. Ideal for modern heating control.</p>	<p>Honeywell Home T6/T6R Smart Thermostats: Features, Specifications, and Technical Data</p> <p>Explore the Honeywell Home T6 and T6R smart thermostats. This document details their features, technical specifications, OpenTherm® functionality, radio communication, dimensions, and catalog information. Ideal for modern heating control.</p>
 <p>Honeywell Home T6 Pro Programmable Thermostat Installation and Setup Guide</p> <p>Installation and Setup Guide</p> <p>Comprehensive installation, setup, wiring, and troubleshooting guide for the Honeywell T6 Pro Programmable Thermostat. Covers system types, advanced settings, and operational features.</p>	<p>Honeywell T6 Pro Programmable Thermostat Installation and Setup Guide</p> <p>Comprehensive installation, setup, wiring, and troubleshooting guide for the Honeywell T6 Pro Programmable Thermostat. Covers system types, advanced settings, and operational features.</p>
 <p>Honeywell Home RTH7400/RTH7500 Series Programmable Thermostat Quick Installation Guide</p> <p>Quick Installation Guide</p> <p>This document provides a quick installation guide for the Honeywell Home RTH7400 and RTH7500 Series programmable thermostats, covering setup, wiring, system configuration, and troubleshooting.</p>	<p>Honeywell Home RTH7400/RTH7500 Series Programmable Thermostat Quick Installation Guide</p> <p>This document provides a quick installation guide for the Honeywell Home RTH7400 and RTH7500 Series programmable thermostats, covering setup, wiring, system configuration, and troubleshooting.</p>