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Honeywell TH5110D1006/U Non-Programmable Thermostat User Manual

Model: TH5110D1006/U

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Honeywell TH5110D1006/U Non-Programmable Thermostat. This thermostat is designed for simple and reliable control of your heating and cooling system.

It features a large, clear backlit digital display for easy viewing of both room and set temperatures, and offers basic control for 1 Heat/1 Cool conventional systems and heat pumps without auxiliary heat.

SAFETY INFORMATION

- Always turn off power to the heating/cooling system at the main fuse or circuit breaker panel before installing or servicing the thermostat.
- Installation should be performed by a qualified technician.
- Do not short (jumper) across the electrical terminals on the thermostat. This can damage the thermostat and/or the heating/cooling system.
- This thermostat is designed for 24 Vac conventional and heat pump systems or 750 mV heating systems. Ensure compatibility with your HVAC system.

PRODUCT OVERVIEW



Figure 1: Honeywell TH5110D1006/U Non-Programmable Thermostat. This image shows the front view of the thermostat with its digital display and control buttons.

The Honeywell TH5110D1006/U thermostat features a large, clear backlit digital display for easy viewing. It includes simple push-button controls for adjusting temperature, fan settings, and system mode. The unit is dual-powered, operating on either 2 AA batteries or hardwired to your system.

SETUP

1. Installation

For detailed wiring instructions, please refer to the installation guide provided with your thermostat packaging. It is recommended that a qualified HVAC technician performs the installation to ensure proper wiring and system compatibility.

2. Powering the Unit

The thermostat can be powered in two ways:

- **Battery Powered:** Requires 2 AA alkaline batteries (not included). The thermostat features an easy-access battery replacement door. A "Replace Battery" indicator will appear on the display when batteries are low.
- **Hardwired:** Can be hardwired to your HVAC system for continuous power. Batteries can still be installed as a backup.

3. Initial Configuration (Installer Setup)

After installation, the thermostat may require initial configuration to match your specific HVAC system (e.g.,

conventional or heat pump, gas or electric heat). This is typically done through an "Installer Setup" menu, often accessed by holding specific buttons (e.g., Fan and Up buttons) for a few seconds. Refer to your detailed installation manual for specific steps to configure system type and other advanced settings.

OPERATING INSTRUCTIONS

1. Adjusting Temperature

Use the **Up (▲)** and **Down (▼)** arrow buttons on the right side of the thermostat to set your desired temperature. The display will show both the current room temperature and your set temperature.

2. Fan Settings

Press the **Fan** button (left button below the display) to cycle through the fan modes:

- **Auto:** The fan runs only when the heating or cooling system is actively operating. This is the most energy-efficient setting.
- **On:** The fan runs continuously, regardless of whether the heating or cooling system is active. This can help with air circulation.

3. System Mode

Press the **System** button (right button below the display) to cycle through the system modes:

- **Cool:** The thermostat will activate your cooling system to maintain the set temperature.
- **Heat:** The thermostat will activate your heating system to maintain the set temperature.
- **Off:** Turns off both heating and cooling systems. The fan can still be operated manually if set to "On".
- **EmHeat (Emergency Heat):** (If applicable to your system) Used for heat pumps when the outdoor temperature is too low for the heat pump to operate efficiently, or if the heat pump requires service. This mode uses auxiliary heat.
- **Auto:** (If applicable to your system) The thermostat automatically switches between heating and cooling to maintain the set temperature range.

4. Backlight Feature

The large digital display is backlit for easy viewing, especially in low-light conditions. The backlight typically activates when any button is pressed and remains on for a short period.

MAINTENANCE

1. Battery Replacement

When the "Replace Battery" indicator appears on the display, it's time to replace the 2 AA alkaline batteries. The thermostat features an easy-access battery compartment, usually located on the side or front of the unit. Slide open the compartment, remove old batteries, and insert new ones, ensuring correct polarity. The thermostat settings are typically retained during battery replacement if done promptly.

2. Cleaning

Clean the thermostat's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or internal components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank	No power, dead batteries.	Replace batteries or check circuit breaker/power supply.
No heating/cooling	Incorrect system mode, thermostat setting too high/low, power issue.	Verify system mode (Heat/Cool), adjust set temperature, check power. If issue persists, contact a qualified technician.
Fan runs continuously in Auto mode	Fan setting is "On" instead of "Auto".	Press the Fan button to select "Auto".
Temperature reading seems inaccurate	Thermostat location, drafts, or direct sunlight.	Ensure thermostat is not in direct sunlight or near drafts. Allow time for temperature stabilization.

If you encounter problems that cannot be resolved using the troubleshooting steps above, please contact a qualified HVAC service professional.

SPECIFICATIONS

- **Model:** TH5110D1006/U
- **Brand:** Honeywell
- **Dimensions:** 1.5"D x 3.4"W x 4.5"H
- **Controller Type:** Push Button
- **Special Feature:** Non-Programmable (Note: While some product data may list 'Programmable', this model is specifically designed as a non-programmable thermostat for straightforward operation.)
- **Color:** Premier White
- **Compatible Systems:** 1 Heat/1 Cool Conventional Systems, Heat Pumps (no auxiliary heat)
- **Power Source:** Dual-powered (2 AA batteries and/or hardwire)
- **Voltage:** 30 Volts (for hardwired connection)
- **Display Type:** Digital with Backlight
- **Screen Size:** 1.5 Inches
- **Mounting Type:** Wall Mount

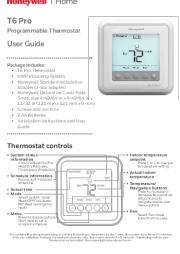
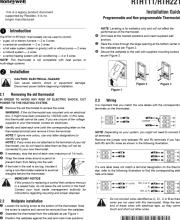
OFFICIAL PRODUCT VIDEOS

No official product videos from a 'Seller' were found in the provided data that meet the embedding criteria.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your product or visit the official Honeywell website. You can also contact Honeywell customer service for assistance with your TH5110D1006/U thermostat.

Related Documents - TH5110D1006/U

 <p>Honeywell T6 Pro Programmable Thermostat User Guide</p> <p>Get detailed instructions for your Honeywell T6 Pro Programmable Thermostat (model TH6220U2000). This user guide covers setup, programming schedules, system and fan operation, advanced features like Adaptive Recovery, troubleshooting, and warranty information for efficient home climate control.</p>	
 <p>Honeywell VisionPRO TH8000 Series Thermostat Installation Guide</p> <p>Comprehensive installation guide for the Honeywell VisionPRO TH8000 Series programmable thermostats, covering models TH8110U, TH8320U, and TH8321U. Learn about system types, wiring, setup, and specifications.</p>	
 <p>Honeywell RTH111/RTH221 Thermostat Installation Guide</p> <p>Comprehensive installation guide for Honeywell RTH111 and RTH221 programmable and non-programmable thermostats, covering setup, wiring, and configuration for various heating and cooling systems.</p>	
 <p>Honeywell TL8230A1003 7-Day Programmable Thermostat Owner's Guide</p> <p>Comprehensive owner's guide for the Honeywell TL8230A1003 7-Day Programmable Thermostat, detailing installation, setup, operation modes, scheduling, error messages, and technical specifications.</p>	
 <p>Honeywell TB8220U Commercial Programmable Thermostat Owner's Guide</p> <p>User guide for the Honeywell TB8220U Commercial Programmable Thermostat, covering features, programming, operation, maintenance, and warranty information.</p>	
 <p>Honeywell RTH2300 5+2 Programmable Thermostat Operating Manual</p> <p>Guide to operating the Honeywell RTH2300 5+2 Programmable Thermostat. Learn about features, scheduling, energy savings, and troubleshooting for efficient home climate control.</p>	