

TRANE CECOMINOD056336

Trane Single-Stage Programmable Touchscreen Thermostat User Manual

Model: TCONT800AS11AAA / TH8110U1045 / THT02476

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Trane Single-Stage Programmable Touchscreen Thermostat. Designed for optimal comfort and energy efficiency, this digital thermostat allows for precise control of your home's heating and cooling system through manual adjustments or a customizable seven-day programming schedule. Please read this manual thoroughly before operating the device to ensure proper function and longevity.



Image: Front view of the Trane Single-Stage Programmable Touchscreen Thermostat. It features a large, green back-lit digital display showing the inside temperature (73 degrees), the set temperature (78 degrees), the current time (3:54 PM), and various mode indicators like FAN, AUTO, SYSTEM, COOL, SCHED, HOLD, CLOCK, and SCREEN buttons.

PRODUCT OVERVIEW

The Trane Single-Stage Thermostat is engineered to provide reliable climate control with user-friendly features. Key functionalities include:

- **Bright Back-lit Display:** An interactive touchscreen provides clear visibility and easy navigation.
- **7-Day Programmable Schedule:** Customize heating and cooling schedules for each day of the week to optimize comfort and energy savings.
- **Permanent Memory:** Programming functions are stored in permanent memory, retaining settings even during power outages.
- **Outdoor Temperature Display:** Provides current outdoor temperature readings (requires compatible outdoor sensor, sold separately).
- **Single-Stage Operation:** Compatible with single-stage heat (gas or electric) and single-stage cool systems.
- **Daylight Savings Time Key:** Simplifies time adjustments for daylight saving.

SETUP AND INSTALLATION

Installation of the Trane thermostat typically involves mounting the unit and connecting it to your HVAC system's wiring. It is recommended that installation be performed by a qualified HVAC technician to ensure correct wiring and optimal performance.

Pre-Installation Considerations:

- Ensure power to the HVAC system is turned off at the circuit breaker before beginning installation.
- Verify compatibility with your existing single-stage heating and cooling system.
- The thermostat is designed for wall mounting and requires a corded electric power source (30 Volts).

Mounting:

The package includes a mounting bracket. Secure the mounting bracket to the wall at an appropriate height, away from direct sunlight, drafts, or heat sources that could affect temperature readings. Connect the system wires to the corresponding terminals on the thermostat's backplate as per your HVAC system's wiring diagram. Once wired, attach the thermostat body to the mounting bracket.

Initial Power-Up:

After installation, restore power to the HVAC system. The thermostat display should illuminate. Follow the on-screen prompts for initial setup, including setting the current time and date.

OPERATING INSTRUCTIONS

The Trane thermostat features an intuitive touchscreen interface for easy operation.

Adjusting Temperature:

On the main screen, use the **Up** and **Down** arrow buttons next to the "Set To" temperature display to increase or decrease the desired temperature.

System Modes:

Press the **SYSTEM** button to cycle through available modes:

- **COOL:** Activates the air conditioning system.
- **HEAT:** Activates the heating system.
- **OFF:** Turns off both heating and cooling.
- **AUTO:** Automatically switches between heating and cooling to maintain the set temperature range.

Fan Modes:

Press the **FAN** button to cycle through fan operation modes:

- **AUTO:** Fan runs only when the heating or cooling system is active.
- **ON:** Fan runs continuously, regardless of heating or cooling system activity.
- **CIRC:** (If available) Fan runs for a certain percentage of time to circulate air, even when heating/cooling is off.

Programming a Schedule (SCHED):

The thermostat allows for 7-day programming. Press the **SCHED** button to enter the programming menu. Follow the on-screen prompts to set different temperature settings for various times of the day and days of the week (e.g., Wake, Leave, Return, Sleep).

Temporary Hold (HOLD):

Press the **HOLD** button to temporarily override the programmed schedule. The thermostat will maintain the current set temperature until the hold is cancelled or a new schedule period begins (depending on the hold type). Press **HOLD** again to cancel.

Setting Clock and Date (CLOCK):

Press the **CLOCK** button to adjust the current time and date. The thermostat also features a Daylight Savings Time key for easy adjustment.

Screen Lock (SCREEN):

Press the **SCREEN** button to lock the touchscreen, preventing unintended changes. Press it again to unlock.

MAINTENANCE

Your Trane thermostat is designed for reliable operation with minimal maintenance. Regular checks can help ensure its continued performance.

- **Cleaning:** Gently wipe the touchscreen and exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Battery Check:** While the unit is corded electric, some models may have a backup battery. If applicable, check and replace batteries annually or when a low battery indicator appears.
- **System Checks:** Periodically ensure your HVAC filters are clean and that vents are unobstructed to allow for accurate temperature sensing by the thermostat.

TROUBLESHOOTING

If you encounter issues with your Trane thermostat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Thermostat display is blank or unresponsive.	No power, loose wiring, or internal malfunction.	Check circuit breaker for your HVAC system. Ensure thermostat is properly seated on its mounting bracket and wiring connections are secure. If issues persist, contact a qualified technician.

Problem	Possible Cause	Solution
System (heating/cooling) does not turn on.	Incorrect system mode, temperature setting, or HVAC system issue.	Verify the thermostat is set to the correct mode (HEAT/COOL/AUTO). Ensure the set temperature is above (for heat) or below (for cool) the ambient temperature. Check your HVAC unit for power or error codes.
Thermostat not following programmed schedule.	Hold function active, incorrect schedule settings, or time/date incorrect.	Check if the "HOLD" function is active and cancel it if necessary. Review your programmed schedule settings for accuracy. Verify the current time and date are correctly set on the thermostat.
Inaccurate temperature readings.	Thermostat location, drafts, or heat sources.	Ensure the thermostat is not exposed to direct sunlight, drafts from windows/doors, or heat sources (e.g., lamps, appliances) that could skew readings.

For problems not listed here or if solutions do not resolve the issue, it is recommended to contact a certified HVAC professional or Trane customer support.

SPECIFICATIONS

Brand	TRANE
Model Numbers	TCONT800AS11AAA / TH8110U1045 / THT02476 (Product Title), CECOMINOD056336 (Item Model Number)
Controller Type	Touch
Special Features	Temperature Display, Programmable
Color	White Or Gray
Temperature Control Type	Programmable
Connectivity Technology	Wi-Fi
Included Components	Mounting bracket
Power Source	Corded Electric
Voltage	30 Volts
Display Type	Digital
Control Method	Touch

Mounting Type	Wall Mount
Backlight	Yes
Product Dimensions	7 x 3 x 6 inches
Item Weight	0.8 Pounds / 12.8 ounces
First Available Date	December 9, 2013

WARRANTY AND SUPPORT


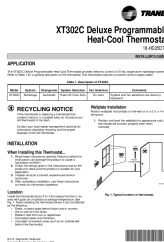
For specific warranty information regarding your Trane Single-Stage Programmable Touchscreen Thermostat, please refer to the warranty card included with your product packaging or visit the official Trane website. For technical support, troubleshooting assistance beyond this manual, or to locate authorized service providers, please contact Trane customer service directly.





It is recommended to keep your purchase receipt as proof of purchase for warranty claims.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - CECOMINOD056336

	<p>Trane Pivot™ Smart Thermostat: Installation, Operation, and Maintenance Guide</p> <p>Explore the Trane Pivot™ Smart Thermostat with this comprehensive Installation, Operation, and Maintenance guide. Learn about setup, features, and troubleshooting for optimal HVAC control and energy efficiency.</p>
	<p>TRANE XT302C Deluxe Programmable Heat-Cool Thermostat Installer's Guide</p> <p>Installer's guide detailing the installation, setup, and operation of the TRANE XT302C Deluxe Programmable Heat-Cool Thermostat for 24 Vac single-zone multistage HVAC systems, including wiring, programming, and troubleshooting.</p>

 <p>Trane XL824 Smart Control User Guide</p>	<p>Trane XL824 Smart Control User Guide: Setup, Features, and Operation</p> <p>Comprehensive user guide for the Trane XL824 Smart Control thermostat. Learn about setup, scheduling, Z-Wave integration, network connectivity, and energy-saving features for your home HVAC system.</p>
 <p>Trane XR102 Non-Programmable Thermostat TCONT102 Installation and User Guide</p>	<p>Trane XR102 Non-Programmable Thermostat Installation and User Guide</p> <p>Comprehensive guide for installing and operating the Trane XR102 (TCONT102) non-programmable thermostat. Covers safety, specifications, installation steps, wiring diagrams, operation, and troubleshooting.</p>
 <p>Trane XR202 Programmable Thermostat TCONT202AS11MA Installation and User Guide</p>	<p>Trane XR202 Programmable Thermostat Installation and User Guide</p> <p>Comprehensive installation and user guide for the Trane XR202 Programmable Thermostat (TCONT202AS11MA), covering setup, operation, features, and troubleshooting for optimal home comfort and energy efficiency.</p>
 <p>Trane XR203 Programmable Thermostat TCONT203AS42MA Installation and User Guide</p>	<p>Trane XR203 Programmable Thermostat TCONT203AS42MA Installation and User Guide</p> <p>Comprehensive installation and user guide for the Trane XR203 Programmable Thermostat (Model TCONT203AS42MA). Covers safety, specifications, installation steps, wiring diagrams, test modes, thermostat overview, user menu, operation, scheduling, and troubleshooting.</p>