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› ThermoSoft Advanced Programmable Thermostat User Manual

ThermoSoft Advanced Programmable

ThermoSoft Advanced Programmable Thermostat User Manual

Model: Advanced Programmable

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ThermoSoft Advanced Programmable Thermostat. This device is designed to provide precise temperature control for your floor heating system, offering programmable scheduling and an easy-to-read digital display. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **Electrical Hazard:** Installation must be performed by a qualified electrician in accordance with local electrical codes. Disconnect power at the circuit breaker before installation or servicing.
- **Voltage Compatibility:** Ensure the thermostat is compatible with your system's voltage (120V or 240V).
- **Indoor Use Only:** This thermostat is designed for indoor use in dry locations.
- **Temperature Sensor:** Handle the included in-floor temperature sensor with care to avoid damage.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- ThermoSoft Advanced Programmable Thermostat
- In-floor Temperature Sensor
- Mounting Screws
- User Manual (this document)

4. PRODUCT OVERVIEW

The ThermoSoft Advanced Programmable Thermostat features a clear digital display and intuitive button controls for easy operation.

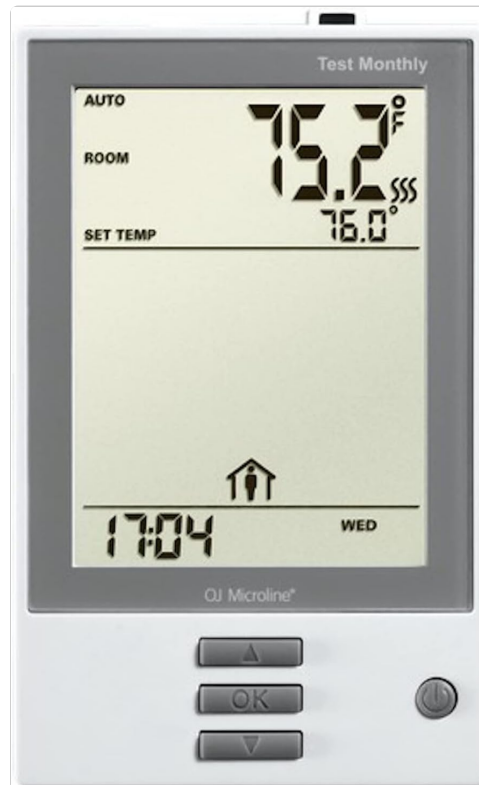


Figure 1: Front view of the ThermoSoft Advanced Programmable Thermostat. The display shows current room temperature (75.2°F), set temperature (76.0°), operating mode (AUTO), time (17:04), and day (WED). Below the display are 'Up', 'OK', and 'Down' buttons, along with a power button on the right.

Display Elements:

- **AUTO:** Indicates automatic operating mode.
- **ROOM:** Displays the current room temperature.
- **SET TEMP:** Shows the desired temperature setting.
- **Time and Day:** Current time and day of the week.
- **Temperature Unit:** Degrees Fahrenheit (°F) or Celsius (°C).
- **Heating Indicator:** (Often represented by a flame or wave icon, not explicitly visible in OCR but common).

Control Buttons:

- **Up Arrow (▲):** Used to increase values or navigate menus.
- **OK:** Confirms selections or enters menu options.
- **Down Arrow (▼):** Used to decrease values or navigate menus.
- **Power Button (⏻):** Turns the thermostat on or off.

5. INSTALLATION (SETUP)

Important: Disconnect power at the circuit breaker before beginning installation.

1. **Power Disconnection:** Turn off the main power supply to the heating system at your electrical panel.
2. **Mounting Location:** Choose an indoor wall location away from direct sunlight, drafts, or heat sources that could affect temperature readings.
3. **Wiring:** Connect the thermostat wires according to the wiring diagram provided with your heating system and the thermostat's specific terminals. Ensure proper connection for 120V or 240V systems. The in-floor sensor wires should also be connected to the designated sensor terminals.
4. **Mounting:** Secure the thermostat to the wall using the provided mounting screws.
5. **Power Restoration:** Once all connections are secure and the thermostat is mounted, restore power at the circuit breaker.
6. **Initial Setup:** Upon first power-up, the thermostat may prompt you to set the current time, day, and temperature unit (°F/°C). Follow the on-screen instructions using the Up, Down, and OK buttons.

6. OPERATION

Turning On/Off:

Press the **Power Button** () to turn the thermostat on or off.

Adjusting Temperature:

In normal operating mode, use the **Up (▲)** or **Down (▼)** buttons to adjust the desired set temperature. The new set temperature will be displayed, and the system will adjust accordingly.

Selecting Operating Mode:

The thermostat typically operates in an automatic (AUTO) mode based on its programming. Refer to the programming section for details on how to override or modify this mode temporarily or permanently.

7. PROGRAMMING

The Advanced Programmable Thermostat allows you to create a customized heating schedule for energy efficiency and comfort.

Setting Time and Day:

1. Press and hold the **OK** button for a few seconds to enter the menu.
2. Navigate using **Up (▲)** or **Down (▼)** to find the "Time/Date" or "Clock" setting. Press **OK**.
3. Adjust the hour, minute, and day using **Up (▲)** or **Down (▼)**, confirming each setting with **OK**.
4. Exit the menu by navigating to "Exit" or by waiting for the thermostat to return to the main screen automatically.

Creating a Heating Schedule:

1. Press and hold the **OK** button to enter the menu.
2. Navigate to "Program" or "Schedule" and press **OK**.
3. Select the day or group of days you wish to program (e.g., Mon-Fri, Sat-Sun, or individual days). Press **OK**.
4. For each time period (e.g., Wake, Leave, Return, Sleep), set the desired start time and temperature using **Up (▲)**, **Down (▼)**, and **OK**.

5. Repeat for all desired time periods and days.
6. Save and exit the programming menu.

Note: Specific programming steps may vary slightly. Refer to the on-screen prompts for precise guidance.

8. MAINTENANCE

- **Cleaning:** Wipe the thermostat's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No User Serviceable Parts:** The thermostat contains no user-serviceable parts. Do not attempt to open the casing.
- **Sensor Care:** Ensure the in-floor sensor is not damaged or exposed to excessive moisture.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat display is blank.	No power; circuit breaker tripped.	Check circuit breaker. Ensure proper wiring.
Heating system not responding.	Incorrect wiring; thermostat in OFF mode; set temperature too low.	Verify wiring connections. Ensure thermostat is ON. Increase set temperature above room temperature.
Inaccurate temperature reading.	Sensor issue; thermostat location affected by drafts/heat sources.	Check in-floor sensor connection. Relocate thermostat if necessary.
Cannot program schedule.	Incorrect menu navigation; thermostat locked.	Follow programming steps carefully. Check if child lock or similar feature is active.

If problems persist, contact customer support.

10. SPECIFICATIONS

- **Brand:** ThermoSoft
- **Model:** Advanced Programmable
- **Controller Type:** Push Button, Remote
- **Special Feature:** Programmable
- **Temperature Control Type:** Programmable
- **Included Components:** Temperature Sensor
- **Power Source:** Corded Electric
- **Voltage:** 120 Volts / 240 Volts (Compatible)
- **Display Type:** Digital
- **Control Type:** Button Control

- **Control Method:** Remote
- **Mounting Type:** Wall Mount
- **Backlight:** Yes

11. WARRANTY AND SUPPORT

For warranty information or technical assistance, please refer to the warranty card included with your product or visit the official ThermoSoft website. Keep your purchase receipt as proof of purchase.

Online Support: [Visit the ThermoSoft Store on Amazon](#)