

KPS 300300064

KPS CONFORTLINE TERMODIGI Digital Heating Thermostat

Model: 300300064 | Brand: KPS



1. INTRODUCTION

Thank you for choosing the KPS CONFORTLINE TERMODIGI Digital Heating Thermostat. This device is designed to provide efficient and precise temperature control for your heating system, ensuring comfort and energy savings. This manual will guide you through the installation, operation, and maintenance of your new thermostat. Please read these instructions carefully before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **Electrical Installation:** Installation should only be performed by a qualified electrician or competent person, in accordance with local electrical codes and regulations.
- **Power Disconnection:** Always disconnect power to the heating system at the main circuit breaker before installing or servicing the thermostat.
- **Voltage Compatibility:** Ensure the thermostat's voltage rating matches your heating system's requirements.
- **Battery Safety:** Use only the specified battery type (2x AA). Do not mix old and new batteries, or different types of batteries. Dispose of used batteries responsibly.

- **Avoid Moisture:** Do not install the thermostat in areas with high humidity or where it may be exposed to water.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- KPS CONFORTLINE TERMODIGI Digital Heating Thermostat
- Mounting screws and wall anchors
- User Manual (this document)
- *Note: 2x AA batteries are required but not included.*

4. PRODUCT OVERVIEW

The KPS CONFORTLINE TERMODIGI thermostat features a clear LCD display and intuitive buttons for easy control of your heating system. It is designed for wall mounting and offers both manual and automatic programming options.



Figure 1: Front view of the thermostat with LCD display.



Figure 2: Side view of the thermostat.

Display Elements

- **Room Temp:** Displays the current ambient temperature.
- **Set Temp:** Displays the desired temperature setting.
- **Time/Week:** Shows current time and day of the week.

- **Heating On:** Indicator for when the heating system is active.
- **Anti-frozen:** Indicates anti-frost protection mode.
- **Manual/Automatic Mode:** Indicates the current operating mode.
- **Kid Lock:** Indicates child lock function is active.

Buttons

- **Power (On/Off):** Turns the thermostat on or off.
- **Menu (M):** Accesses programming and settings.
- **Clock:** Sets time and date.
- **Up (▲):** Increases values or navigates menus.
- **Down (▼):** Decreases values or navigates menus.

5. SETUP

5.1 Battery Installation

The thermostat requires two AA batteries (not included) for operation. Ensure correct polarity when inserting.

1. Gently remove the front cover of the thermostat.
2. Insert two AA batteries into the battery compartment, observing the polarity markings (+/-).
3. Replace the front cover, ensuring it clicks securely into place.



Figure 3: Battery compartment.

5.2 Mounting the Thermostat

The thermostat is designed for easy wall mounting (not recessed). Choose a location away from direct sunlight, drafts, and heat sources for accurate temperature readings.

1. Separate the front panel from the backplate.
2. Mark the desired mounting position on the wall using the backplate as a template.
3. Drill holes and insert wall anchors if necessary.
4. Secure the backplate to the wall using the provided screws.

5.3 Wiring Instructions

This thermostat is compatible with 2-wire heating systems. Ensure power is OFF before wiring.

1. Turn off the main power supply to your heating system at the circuit breaker.
2. Connect the two wires from your heating system to the designated terminals on the thermostat's backplate. Refer

to the wiring diagram below.

3. Ensure all connections are secure.
4. Attach the front panel of the thermostat to the secured backplate.
5. Restore power to your heating system.

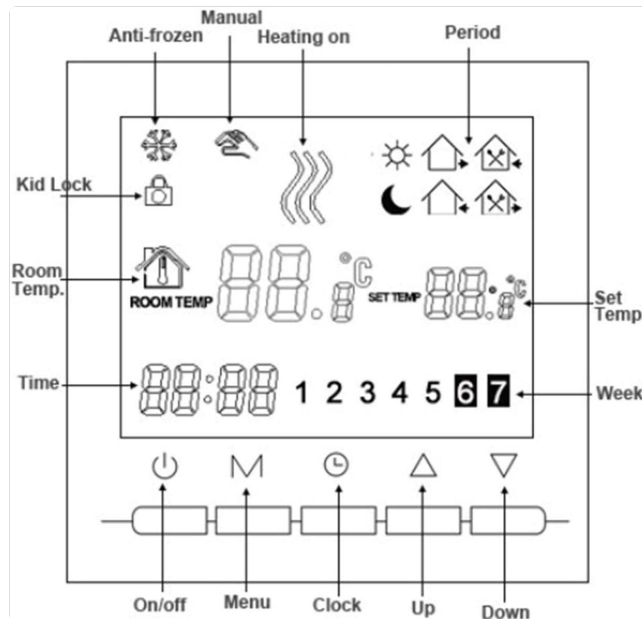


Figure 4: General wiring diagram (COM and NO for heating).



Figure 5: Detailed installation wiring.

6. OPERATING INSTRUCTIONS

6.1 Initial Power On and Time Setting

After battery installation and wiring, press the Power button to turn on the thermostat. The display will light up. Use the Clock button to enter time setting mode, then use the Up/Down buttons to adjust the time and day of the week. Press Clock again to confirm.

6.2 Setting Temperature

In normal operating mode, use the Up (▲) and Down (▼) buttons to adjust the desired set temperature. The thermostat will automatically maintain this temperature.

6.3 Programming Schedule

The thermostat allows for advanced programming with 6 daily periods for weekdays and 2 periods for weekends. This enables automatic temperature adjustments throughout the day.

1. Press the **Menu (M)** button to enter programming mode.
2. Use the **Up (▲)** or **Down (▼)** buttons to navigate through the programming periods (P1-P6 for weekdays, P7-P8 for weekends).
3. For each period, set the desired start time and temperature using the **Up (▲)** and **Down (▼)** buttons.
4. Press **Menu (M)** again to save the settings and move to the next period or exit programming mode.

6.4 Operating Modes

- **Automatic Mode:** The thermostat follows the programmed schedule.
- **Manual Mode:** The thermostat maintains a constant temperature set by the user, overriding the schedule.
- **Anti-frost Protection:** This mode prevents the temperature from dropping below +5°C, protecting pipes from freezing. It activates automatically when the thermostat is off or when the room temperature falls below the set threshold in certain modes.

6.5 Child Lock

To prevent unauthorized changes, the thermostat features a child lock function. Consult the full manual for specific button combinations to activate/deactivate this feature.

7. MAINTENANCE

7.1 Cleaning

Wipe the thermostat's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no liquid enters the device.

7.2 Battery Replacement

When the battery indicator appears on the display, replace the AA batteries promptly to ensure continuous operation. Follow the steps in Section 5.1.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat not powering on	No batteries or incorrect battery polarity. Main power off.	Check and replace batteries. Ensure main power to heating system is on.
Heating not turning on	Set temperature is below room temperature. Wiring issue. Thermostat in OFF mode.	Increase set temperature. Check wiring connections (power off first). Ensure thermostat is ON.
Inaccurate temperature reading	Thermostat located near heat source/draft.	Relocate thermostat to a more central area, away from direct influences.
Programming not working	Thermostat in Manual mode. Incorrect programming steps.	Switch to Automatic mode. Review Section 6.3 for programming steps.

9. SPECIFICATIONS

Feature	Specification
Brand	KPS
Model Number	300300064
Product Dimensions	2.9d x 8.6w x 8.6h cm
Controller Type	Push Button
Special Feature	Automatic Programming, Anti-frost Protection
Color	Blue, White
Specific Uses	Boiler Heating Systems
Temperature Control Type	Digital
Connectivity Technology	Wired
Power Source	Cables, Batteries (2x AA)
Voltage	15 Volts
Display Type	LCD
Mounting Type	Wall Mount
Backlight	Yes
Temperature Range	+5°C to +35°C

10. WARRANTY

KPS products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your purchase or contact KPS customer support.

11. SUPPORT

If you encounter any issues or have questions regarding the KPS CONFORTLINE TERMODIGI Digital Heating Thermostat that are not covered in this manual, please contact KPS customer support. You can find contact information on the KPS official website or through your retailer.