

BERNSTEIN E700W

BERNSTEIN E700W Electric Heating Element for Radiator with Digital Thermostat - User Manual

Model: E700W

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your BERNSTEIN E700W Electric Heating Element with Digital Thermostat. Please read this manual thoroughly before installation and operation, and retain it for future reference. The E700W is designed to provide adjustable heating for radiators, featuring a digital thermostat for precise temperature control and programmable functions.

Key features include:

- Electric heating bar with selectable power (300 Watt or 600 Watt).
- Adjustable digital thermostat for precise temperature management.
- Programmable functions for enhanced energy efficiency and comfort.
- User-friendly interface.
- Simple installation process.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or property damage.

- Ensure the power supply voltage matches the rating specified on the device (230 V AC, 50 Hz).
- This appliance is intended for indoor use only, specifically in bathrooms (IPX4 rated).
- Do not immerse the heating element or thermostat in water or other liquids.
- Do not operate the device with a damaged cord or plug. If damaged, contact qualified service personnel.
- Keep the power cord away from heated surfaces.
- Do not block air vents or place objects on the heating element.
- Unplug the device from the power outlet before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.
- The heating element is equipped with overheating protection and automatic temperature limitation. Do not attempt to bypass these safety features.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Electric heating bar with connection thread (selected power: 300 Watt or 600 Watt).
- Digital thermostat with connection cable and Schuko plug.



Image 1: Front view of the E700W digital thermostat, showing the display and control buttons. The display shows time, day of the week, temperature, and various mode icons.

4. INSTALLATION

The BERNSTEIN E700W heating element is designed for simple installation into compatible radiators. It is recommended that installation be performed by a qualified professional if you are unsure about electrical connections or plumbing.

4.1 Mounting the Heating Element

1. Ensure the radiator is completely drained and disconnected from the main heating system if it's a dual-fuel setup.
2. Carefully screw the heating element into the designated opening of your radiator. Ensure a tight, leak-proof seal using appropriate sealing materials (e.g., PTFE tape or hemp).
3. Position the digital thermostat for easy access and visibility.



Image 2: The E700W digital thermostat unit is shown attached to the bottom of a white towel radiator, with its power cable extending downwards towards a wall socket.

4.2 Electrical Connection

1. Connect the Schuko plug of the thermostat to a properly grounded 230 V AC, 50 Hz power outlet.
2. Ensure the outlet is easily accessible for disconnection if needed.

4.3 Dimensions and Power Options

The E700W is available in different power ratings, each corresponding to a specific heating bar length:

- **300 Watt:** Heating bar length approximately 385 mm \pm 8 mm.
- **600 Watt:** Heating bar length approximately 630 mm \pm 8 mm.

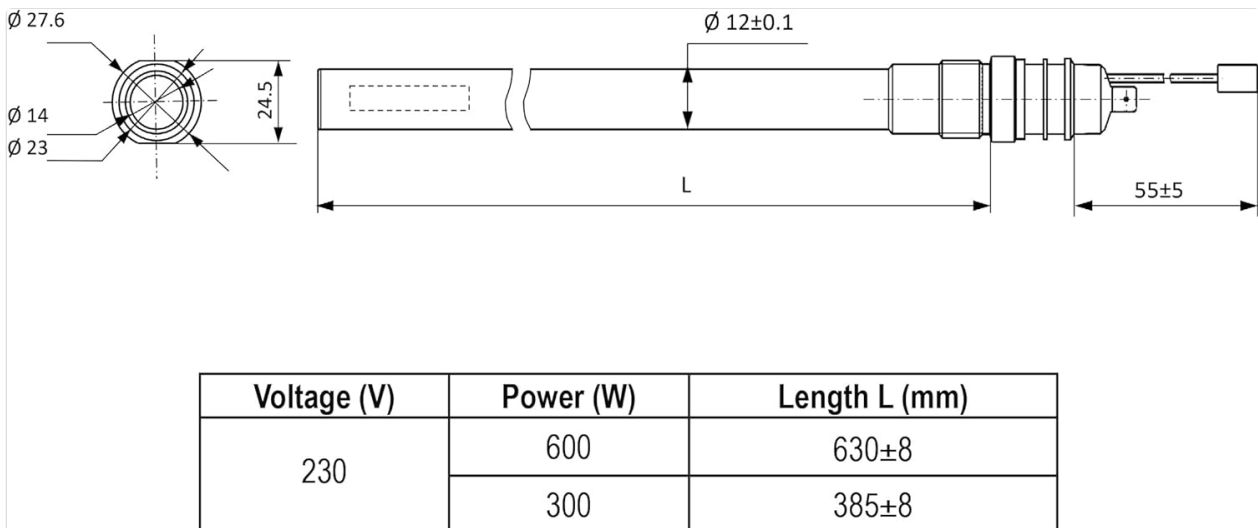


Image 3: Technical drawing illustrating the dimensions of the heating element. A table below shows the relationship between Voltage (V), Power (W), and Length L (mm) for the 300W and 600W variants.

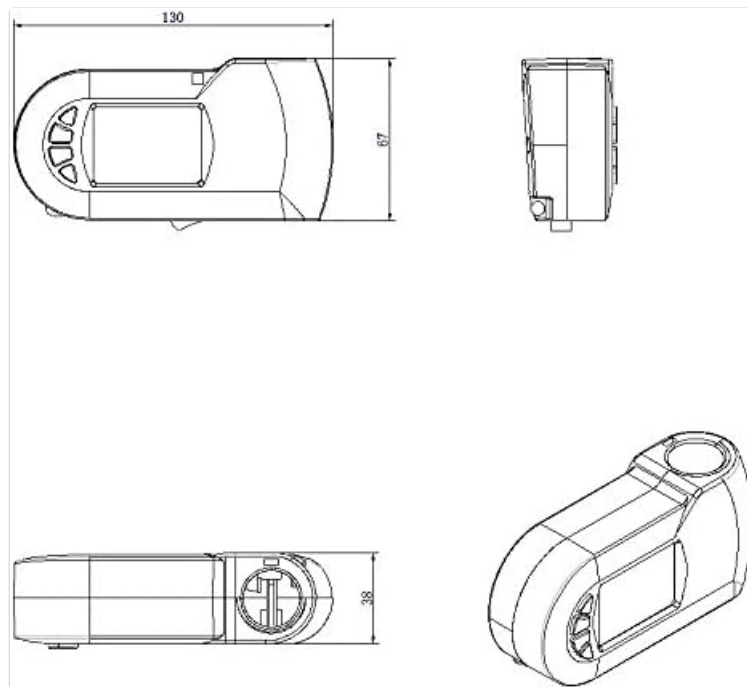


Image 4: Technical drawing showing the top, side, and isometric views of the E700W digital thermostat unit, with key dimensions indicated in millimeters (e.g., 130mm length, 67mm height, 38mm depth).

5. OPERATING THE DIGITAL THERMOSTAT

The E700W digital thermostat offers various modes and settings for optimal heating control. The display provides visual feedback on the current status and settings. Control buttons are typically located on the side or front of the unit.

5.1 Basic Operation

- **Power On/Off:** Press and hold the power button (if available) or plug in the device to turn it on.
- **Setting Temperature:** Use the Up/Down arrow buttons to adjust the desired temperature. The adjustable temperature range is approximately 7 °C to 30 °C.
- **Display Information:** The display typically shows the current time, day of the week, set temperature,

and active mode icons.

5.2 Advanced Functions and Programming

The thermostat includes several programmable modes to enhance comfort and energy efficiency. Accessing these modes usually involves pressing a "Mode" or "Menu" button and navigating with arrow keys.

- **Week Mode:** Allows programming different temperature settings for each day of the week. Typically, you would set specific time periods and desired temperatures for weekdays and weekends.
- **24-Hour Mode:** Enables programming temperature settings for specific time slots within a 24-hour cycle, repeating daily.
- **Holiday Mode:** Sets the heating to a lower, constant temperature for an extended period (e.g., during vacation) to prevent freezing and save energy. You usually set the duration and the desired holiday temperature.
- **Boost Mode:** Provides a temporary increase in heating power for a short duration (e.g., 0.5 to 2 hours) to quickly warm the room. This mode is useful for rapid heating when needed.
- **Window Mode:** Automatically detects an open window (via a sudden temperature drop) and temporarily suspends heating to prevent energy waste. Heating resumes once the window is closed or after a set time.
- **Child Safety Lock:** Locks the control buttons to prevent accidental changes to settings, especially useful in households with children. To activate/deactivate, usually press and hold a specific combination of buttons (e.g., Up and Down arrows simultaneously for a few seconds).

Refer to the on-screen prompts and button labels for specific navigation and setting adjustments. Due to the variety of digital thermostat interfaces, precise button sequences cannot be provided without a detailed diagram of the specific model's controls. Experiment with the "Mode" or "Menu" button to cycle through options and use arrow keys to adjust values.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your heating element.

- **Cleaning:** Disconnect the power before cleaning. Wipe the thermostat and heating element surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or immerse any part in water.
- **Inspection:** Periodically check the power cord and plug for any signs of damage. Ensure the heating element is securely installed in the radiator.
- **Storage:** If storing the device for an extended period, ensure it is clean and dry. Store in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your BERNSTEIN E700W heating element, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on / Display is blank.	No power supply; Power cord not properly connected; Power outlet faulty.	Check if the plug is fully inserted into a working outlet. Test the outlet with another appliance. Check for tripped circuit breakers.

Problem	Possible Cause	Solution
Heating element not heating or insufficient heat.	Temperature setting too low; Incorrect mode selected; Overheating protection activated; Faulty element.	Increase the set temperature. Ensure the device is not in "Holiday Mode" or "Window Mode". Allow time for the element to cool down if overheating protection was triggered. If the problem persists, contact support.
Device turns off unexpectedly.	Overheating protection activated; "Window Mode" triggered; Power interruption.	Check if a window is open. Ensure the radiator is not covered. Verify stable power supply. If overheating protection frequently activates, ensure proper installation and ventilation.
Cannot change settings / Buttons unresponsive.	Child Safety Lock is active.	Deactivate the Child Safety Lock (refer to section 5.2 for general instructions).
Display shows an error code.	Internal fault.	Note the error code and contact customer support for assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	BERNSTEIN
Model	E700W
Power Options	300 Watt (heating bar length approx. 385 mm ± 8 mm) 600 Watt (heating bar length approx. 630 mm ± 8 mm)
Power Supply	230 V AC, 50 Hz
Protection Class	Class 2
Protection Rating	IPX4 (Splash-proof)
Cable Length	1.50 m
Adjustable Temperature Range	Approx. 7 °C to 30 °C
Special Functions	Holiday Mode, Week Mode, 24-Hour Mode, Window Mode, Child Safety, Boost Mode (0.5 to 2 hours)
Safety Features	Overheating protection, Automatic temperature limitation, Thermal fuse
Intended Use	Bathroom
Color	White
Style	Digital Display



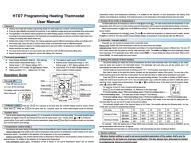

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact BERNSTEIN customer service or the retailer from whom you purchased the product. Keep your proof of purchase for warranty claims. Contact information for Bernstein Badshop (seller on Amazon.it):

- Seller Name: Bernstein Badshop
- For support, please visit the seller's page on Amazon or contact them directly through the Amazon platform.

Note: Many user reviews indicate a lack of detailed instructions for programming the thermostat. If you require further assistance with specific programming steps, please reach out to the manufacturer or seller directly for detailed guidance.

Related Documents - E700W

	<p>Bernstein E700W Digital Thermostat: Assembly Instructions and Features</p> <p>Comprehensive assembly instructions and feature guide for the Bernstein E700W digital thermostat, detailing technical specifications, display icons, and operating modes.</p>
	<p>Bernstein HT01 Digital Thermostat Installation and Operation Manual</p> <p>This manual provides detailed instructions for the installation, setup, and operation of the Bernstein HT01 digital thermostat for underfloor heating systems. It covers technical specifications, sensor selection, programming modes, mounting procedures, electrical connections, and safety information.</p>
	<p>HT07 Programming Heating Thermostat User Manual Bernstein</p> <p>Comprehensive user manual for the HT07 Programming Heating Thermostat by Bernstein. Learn about installation, operation, system settings, and troubleshooting for energy-efficient heating control.</p>
	<p>Bernstein ET-61W WiFi Thermostat Montageanleitung & Bedienung</p> <p>Umfassende Montage- und Bedienungsanleitung für das BERNSTEIN ET-61W WiFi-Thermostat. Erfahren Sie mehr über Installation, Funktionen, technische Daten, Timer-Einstellungen und Fehlerbehebung.</p>



Comprehensive operator's manual for the BERNSTEIN Dusch Pro+ Shower Toilet. This guide provides detailed information on installation, operation, features like rear wash and lady wash, remote control functions, safety precautions, technical specifications, and troubleshooting tips for the BERNSTEIN Dusch Pro+ smart toilet.



Vul dit annuleringsformulier in om uw contract met Bernstein te annuleren. Instructies en contactgegevens voor Nextrend GmbH.