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Model: ZX-2629

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1. INTRODUCTION

Thank you for choosing the revolt Digital Thermostat Plug ZX-2629. This device allows for precise, temperature-controlled automatic switching of heating and cooling appliances. It features individual target temperature settings, convenient weekly programming, and a large multi-line display for ease of use. Please read this manual carefully to ensure proper operation and to maximize the benefits of your new thermostat plug.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- This device is intended for indoor use only.

- Do not expose the device to moisture, rain, or extreme temperatures.
- Ensure the connected appliance's power consumption does not exceed the thermostat's maximum load capacity (3680 W / 16 A).
- Do not disassemble or modify the device. Refer all servicing to qualified personnel.
- Keep out of reach of children. The child lock function should be activated when necessary.
- Always unplug the device from the wall outlet before cleaning or when not in use for extended periods.
- Do not use if the device or its power cord appears damaged.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition:

- 2 x revolt Digital Thermostat Plugs ZX-2629
- 1 x User Manual

4. PRODUCT OVERVIEW

The revolt Digital Thermostat Plug features a clear LCD display and intuitive buttons for easy operation. Familiarize yourself with the components:



Figure 1: Front view of the revolt Digital Thermostat Plug.

4.1 Display Elements

- **CLOCK:** Displays current time.
- **FRI (or other day):** Indicates the current day of the week.
- **ROOM:** Shows the current ambient room temperature.
- **SET:** Displays the set target temperature.
- **LED Indicator:** Red LED illuminates when the connected appliance is powered on.

4.2 Buttons

- **Power Button (⏻):** Turns the device on/off or switches between modes.

- **Set Button (Set):** Enters programming mode for time, day, and temperature settings.
- **OK Button (OK):** Confirms selections and settings.
- **Up Button (▲):** Increases values or navigates through options.
- **Down Button (▼):** Decreases values or navigates through options.

5. SETUP

5.1 Initial Power-Up

1. Plug the thermostat into a standard 230V wall outlet.
2. The display will illuminate, and the device will be in standby mode or display default settings.

5.2 Setting Time and Day

Before programming, ensure the correct time and day are set:

1. Press and hold the **Set** button for approximately 3 seconds until the time display flashes.
2. Use the **Up** (▲) and **Down** (▼) buttons to adjust the hour. Press **OK** to confirm.
3. Repeat for minutes and then for the day of the week (e.g., MO, TU, WE, TH, FR, SA, SU).
4. Press **OK** to exit the time/day setting mode.

5.3 Connecting an Appliance

Once the thermostat is set up, you can connect your heating or cooling appliance:

1. Ensure the appliance is switched off.
2. Plug your heating or cooling appliance into the socket on the front of the thermostat plug.
3. Switch on your appliance (if it has its own power switch). The thermostat will now control its power supply based on your settings.



Figure 2: Thermostat plug in use, controlling an appliance.

6. OPERATING INSTRUCTIONS

6.1 Manual Mode

In manual mode, you can set a desired temperature, and the thermostat will maintain it until changed.

1. Press the **Power** () button to switch between modes until 'MANUAL' or a similar indicator appears (if applicable).
2. Press the **Set** button once. The 'SET' temperature will flash.
3. Use the **Up** (▲) and **Down** (▼) buttons to adjust the target temperature in 0.5°C increments (range: 1°C to 70°C).
4. Press **OK** to confirm the setting. The thermostat will now activate the connected appliance to reach and maintain this temperature.

6.2 Automatic (Programmable) Mode

The automatic mode allows you to set a weekly schedule with different temperature settings for various times of the day.

1. Press the **Power** () button to switch to 'AUTO' mode.
2. Press and hold the **Set** button for approximately 5 seconds to enter programming mode for the weekly schedule. The display will show the first programming period for Monday.
3. Use the **Up** (▲) and **Down** (▼) buttons to set the start time and target temperature for each period. Press **OK** to

confirm each setting and move to the next.

4. The thermostat supports:

- **Monday to Friday:** 6 switching times/temperature settings per day.
- **Saturday and Sunday:** 2 switching times/temperature settings per day.

5. After setting all desired periods, press **Set** again to exit programming mode. The thermostat will now operate according to your schedule.

6.3 Anti-Frost Function

This function helps prevent rooms from freezing during cold periods.

- The thermostat automatically activates the connected heating appliance if the ambient temperature drops below 2°C, regardless of the current programmed or manual settings.
- This function is always active to protect against frost damage.

6.4 Child Lock

To prevent accidental changes to settings:

1. To activate the child lock, press and hold the **OK** button for approximately 3 seconds. A lock icon will appear on the display.
2. To deactivate, press and hold the **OK** button again for approximately 3 seconds. The lock icon will disappear.

7. MAINTENANCE

The revolt Digital Thermostat Plug requires minimal maintenance.

- **Cleaning:** Disconnect the device from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use abrasive cleaners, solvents, or wet cloths, as these can damage the device or cause electric shock.
- **Storage:** If not in use for an extended period, unplug the device and store it in a cool, dry place away from direct sunlight.
- **Battery:** The device contains an integrated button cell battery for memory backup (to retain settings during power outages). This battery is not user-replaceable. If settings are frequently lost, the internal battery may need professional service.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Display is blank or not responding.	No power supply.	Ensure the thermostat is securely plugged into a live wall outlet. Check the household circuit breaker.
Connected appliance does not turn on/off.	Appliance not switched on; incorrect thermostat settings; child lock active.	Ensure the appliance itself is switched on. Verify the target temperature and mode (Manual/Auto). Deactivate child lock if active. Check if the red LED indicator is on when the appliance should be active.

Problem	Possible Cause	Solution
Difficulty programming the weekly schedule.	Complex programming sequence.	Carefully re-read Section 6.2. Take your time with each step, confirming with the OK button before proceeding. Practice setting a single period first.
Settings are lost after a power outage.	Internal backup battery depleted.	The internal button cell battery for memory backup may be depleted. This requires professional service.
Temperature readings seem inaccurate.	Thermostat placed in an unsuitable location.	Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its internal sensor.

9. SPECIFICATIONS

Technical details for the revolt Digital Thermostat Plug ZX-2629:



Figure 3: Side and back views with technical details.

- **Model:** ZX-2629 (also referred to as ZX9068-944)
- **Brand:** revolt
- **Input Voltage:** 230 Volts AC, 50/60 Hz
- **Maximum Load:** 3680 W / 16 A
- **Temperature Setting Range:** 1°C to 70°C
- **Temperature Increment:** 0.5°C

- **Temperature Precision:** +/- 1°C
- **Display Type:** LCD (Multi-line)
- **Control Type:** Digital, Manual, Programmable
- **Programming:** Weekly (Mon-Fri: 6 periods; Sat-Sun: 2 periods)
- **Special Functions:** Anti-frost (activates below 2°C), Child Lock
- **Memory Backup:** Integrated button cell battery
- **Dimensions (without plug):** Approximately 62 x 135 x 34 mm
- **Weight:** Approximately 248 g
- **Connectivity Technology:** ZigBee (Note: This feature may be specific to certain variants or require additional compatible devices for full functionality.)
- **Protection Class:** IP20 (Indoor use only)

10. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

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