

[Manuals.plus](#) /

› [CBBEXP](#) /

› PJRIW0TT3K Temperature Controller User Manual

CBBEXP PJRIW0TT3K

PJRIW0TT3K Temperature Controller User Manual

Model: PJRIW0TT3K | Brand: CBBEXP

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of the CBBEXP PJRIW0TT3K Temperature Controller. This industrial automation product is designed for precise temperature regulation in various applications. Please read this manual thoroughly before using the device to ensure safe and efficient operation.



Figure 1: Front view of the PJRIW0TT3K Temperature Controller, showing the digital display on the left and control buttons (K1, K2, set, °F) on the right. The model code "PJRIW0TT3K" is visible on a label at the bottom.

2. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of the temperature controller. It is recommended that installation be performed by qualified personnel.

2.1 Safety Precautions

- Ensure power is disconnected before any wiring or installation procedures.
- Follow all local electrical codes and regulations.
- Do not expose the device to excessive moisture, dust, or extreme temperatures.
- Verify correct wiring connections to prevent damage to the unit or connected equipment.

2.2 Mounting

The PJRIW0TT3K is designed for panel mounting. Ensure adequate space for ventilation and access to wiring terminals.

2.3 Wiring

Connect the power supply, temperature sensor, and control output according to the wiring diagram provided with your specific unit. Pay close attention to polarity and voltage requirements.

3. OPERATION

Once installed and powered, the PJRIW0TT3K Temperature Controller is ready for operation.

3.1 Powering On/Off

The unit powers on automatically when connected to a suitable power supply. To power off, disconnect the power supply.

3.2 Display and Indicators

The front panel features an LCD or LED display that shows the current temperature and various operational parameters. Indicators may illuminate to show relay status or alarm conditions.

3.3 Control Buttons

- **SET Button:** Used to enter parameter setting mode and confirm selections.
- **K1 Button:** Typically used for increasing values or navigating menus.
- **K2 Button:** Typically used for decreasing values or navigating menus.
- **°F Button:** Used to switch the temperature display between Celsius and Fahrenheit, or for other specific functions depending on the mode.

3.4 Setting Temperature

To set the desired temperature (setpoint):

1. Press the **SET** button. The display will typically show the current setpoint value.
2. Use the **K1** and **K2** buttons to adjust the setpoint to the desired temperature.
3. Press the **SET** button again to confirm the new setpoint and exit the setting mode.

Refer to the detailed programming guide (if applicable, not provided in this manual) for advanced parameter settings such as hysteresis, alarm limits, and calibration.

4. MAINTENANCE

Regular maintenance ensures the continued accuracy and reliability of your temperature controller.

4.1 Cleaning

- Disconnect power before cleaning.

- Wipe the exterior of the unit with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or spray liquids directly onto the device.

4.2 General Care

- Periodically check wiring connections for tightness and signs of wear.
- Ensure the operating environment remains within specified temperature and humidity ranges.
- Avoid physical shock or vibration to the unit.

5. TROUBLESHOOTING

If you encounter issues with your PJRIW0TT3K Temperature Controller, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	No power supply or incorrect wiring.	Check power connections and ensure correct voltage. Verify wiring according to the diagram.
Incorrect temperature reading.	Faulty sensor, incorrect sensor type, or sensor wiring issue.	Check sensor connection. Ensure the correct type of sensor is used. Replace sensor if faulty.
Temperature not controlling.	Incorrect setpoint, output relay issue, or wiring to heating/cooling element.	Verify setpoint. Check output wiring to the controlled device. Inspect relay status.

If the problem persists after attempting these solutions, please contact customer support.

6. SPECIFICATIONS

- **Model:** PJRIW0TT3K
- **Type:** Industrial Automation Product
- **Condition:** 100% NEW sealed in box
- **Manufacturer:** CBBEXP
- **ASIN:** B0C71GBDP1
- **Display Type:** LCD or LED
- **Color:** Black
- **UPC:** 706952207893

7. WARRANTY AND SUPPORT

7.1 Product Condition

This PJRIW0TT3K Temperature Controller is supplied 100% new and sealed in its original box, ensuring its pristine condition upon delivery.

7.2 Customer Support

Zhengbang Automation, the seller, is committed to providing excellent customer service. For any inquiries, technical assistance, or support regarding the PJRIW0TT3K Temperature Controller, please contact Zhengbang Automation

directly. They specialize in PLC hardware and have extensive experience to assist with your needs. While extended protection plans are available for purchase separately (e.g., 3-Year Protection Plan, 4-Year Protection Plan, Complete Protect), direct product support for the unit itself is provided by the seller.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question