



REPTIZOO TC04 Timing Thermostat Instruction Manual

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REPTIZOO TC04 Timing Thermostat



Product Information

Specifications

- **Company Name:** Dongguan ETAN Pet Supplies Co., Ltd.
- **Website:** www.repti-zoo.com
- **Company Address:** No.3 JinXingEr Road, Qingxi Town, Dongguan City, Guangdong Province, China.
- **Sensor type:** NTC thermistor 1.8M in length
- Power off with memory function
- Timing function

Product Overview

The product is a timing PID constant temperature controller. It is designed to provide high-precision constant operating and monitoring when connected to heating devices. The product is made with high-toughness packaging material for enhanced safety performance and insulation effect. The integrated design of the knob, button, and screen makes it easy to operate. It is suitable for reptiles, small animals, horticultural cultivation, and other situations where constant temperature control is required.

Product Features

- Double socket design, corresponding to temperature control and timing function
- PID constant temperature control for high-precision operation and monitoring
- Four-session timing function on the timing socket for independent power-on/power-off time period settings
- Integrated design of knob, button, and screen for easy operation
- Real-time display of time, ambient temperature, power on/off, and heating status on the LED screen
- Fahrenheit and Celsius switching
- Made of flame retardant material for high safety performance

Product Usage Instructions

Step 1: Power Connection

- Connect the product to the power supply first.

Step 2: Device Connection

- Connect the device to either the timing socket or heating socket.

Step 3: Temperature Probe Placement

- Fix the temperature probe to the area that needs to be monitored.

Step 4: Time Correction Setting

To set the correct time:

1. Press and hold the rotation button on the main page.
2. Rotate the button 60 degrees clockwise to enter the setting mode.
3. Press and hold for 3 seconds to exit the interface or it will automatically exit after 10 seconds without operation.
4. In the setting mode, adjust the hour and minutes by rotating the button when the red value flashes.
5. To enter the correction time interface, press the screen and rotate clockwise.
6. Press the knob to save the time correction.
7. Time correction will automatically exit after 10 seconds without operation.
8. To return to the home page, long press the knob.

Step 5: Celsius to Fahrenheit Conversion

To switch between Celsius and Fahrenheit:

1. Long press the knob to enter the conversion mode.
2. Press the screen.
3. Press the knob to save the conversion.
4. To return to the home page, long press the knob.

Step 6: Timing and Temperature Setting

To set the timing and temperature:

1. Long press the screen for 3 seconds on the main page to enter the setting interface.
2. Long press the screen or wait for 10 seconds without operation to return to the home page automatically.

Frequently Asked Questions

- **Q:** Can I disassemble the product by myself for maintenance?
 - **A:** No, please do not try to disassemble the product by yourself. If the product is damaged or malfunctions, please contact yitian2018amz@163.com.
- **Q:** What is the purpose of this product?
 - **A:** This product is a timing PID constant temperature controller used for reptiles, small animals, horticultural cultivation, and other situations where constant temperature control is required.
- **Q:** Can I switch between Fahrenheit and Celsius?
 - **A:** Yes, you can switch between Fahrenheit and Celsius freely using this product.
- **Q:** What does the LED screen display?
 - **A:** The LED screen displays real-time information such as time, ambient temperature, power on/off, and heating status.

Thanks for choosing our company's products. In order to use this product properly and ensure its service life, please read the instructions book carefully before using it.

Product Overview

It is a timing PID constant temperature controller. After connected to heating devices, it can realize high-precision constant operating and monitoring. Combined with high-toughness packaging material, the product has high safety performance and insulation effect. In addition, the integrated design of the knob, button and screen makes the operation easy. It is often used for reptiles, small animals, or horticultural cultivation and other situations where constant temperature is required.

Product List

1. **Timing temperature control box (control box):** 1pc
2. **Power output box:** 1pc
3. **Temperature sensor:** 1pc
4. **Instruction manual:** 1 pc

Product Features And Parameters

Product Features

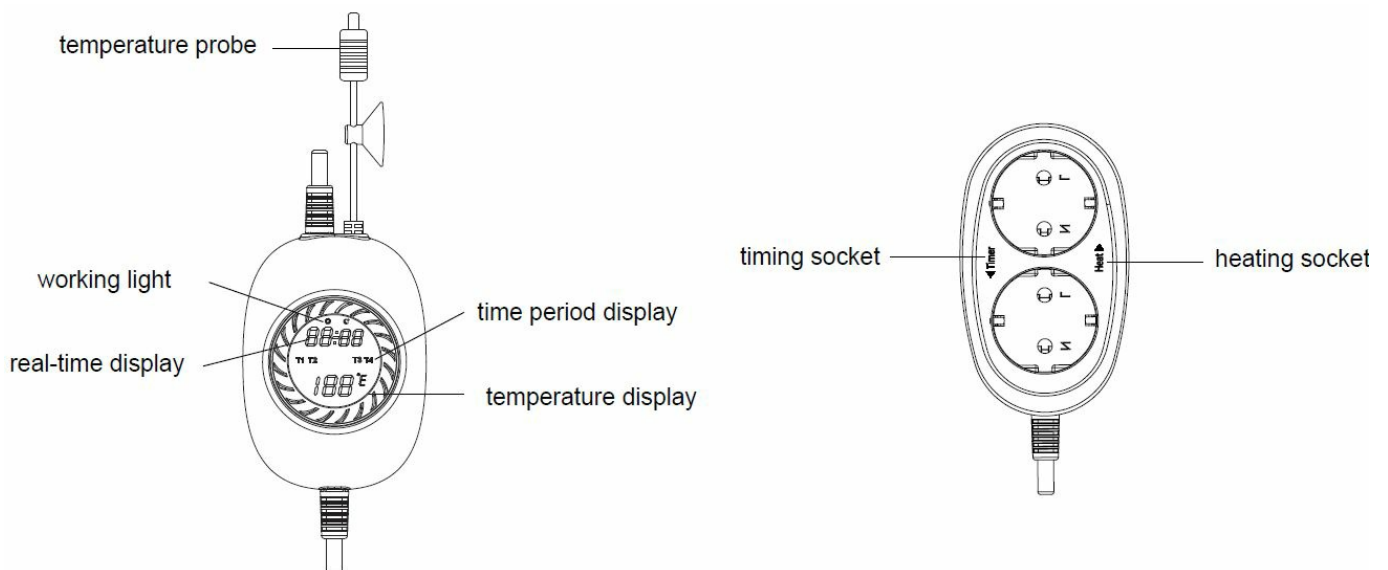
1. Double socket design, corresponding to temperature control and timing function
2. PID constant temperature control. After connected to heating devices, it can realize high-precision constant to operate and monitor
3. The timing socket has a four-session timing function, which can independently set the power-on/ power-off time period

4. Integrated design of knob, button and screen, easy to operate
5. Real-time display of time, ambient temperature, power on/off and heating status, all at a glance from LED screen;
6. Fahrenheit and Celsius freely switching, adjust the current time to meet different using
7. Made of flame retardant material with high safety performance

Product Parameters

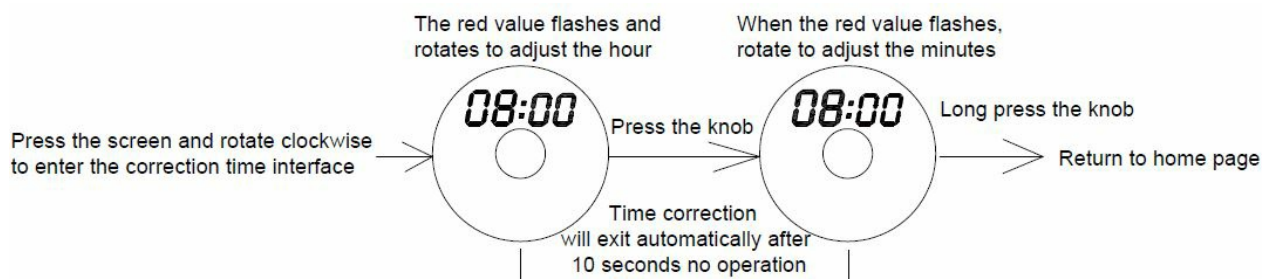
1. **Temperature control range:** 20°C 50°C/68°F 122°F
2. **Temperature measuring range:** 0°C 60°C/32°F 140°F
3. **Temperature resolution & accuracy:** 1°C /1°F ; $\pm 1^{\circ}\text{C}$ / $\pm 2^{\circ}\text{F}$
4. **Temperature control mode:** Constant temperature PID heating mode
5. **Input voltage:** AC100-240V 50/60Hz Max.300Wx2
6. **Sensor type:** NTC thermistor 1.8M in length
7. Power off with memory function
8. Timing function

Description of control box and output box



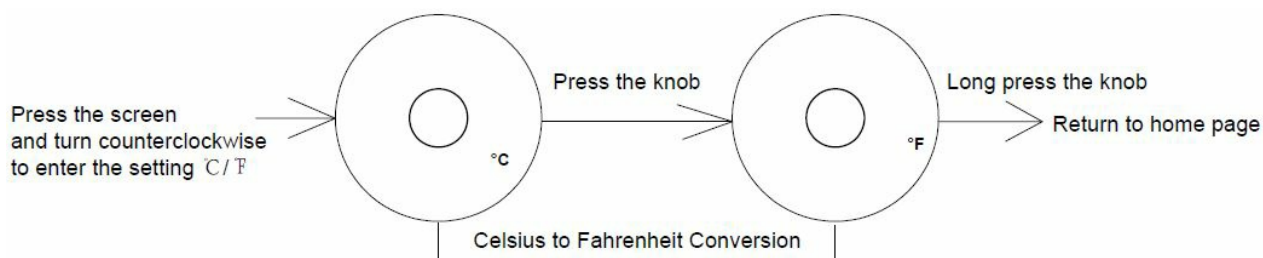
Using Instructions

1. Connect the product to the power supply first, and connect the device to the timing socket or heating socket.
2. Fix the temperature probe to the area to be monitored.
3. Time correction setting: Press and hold the rotation button on the main page, rotate it 60 degrees clockwise to enter the setting mode, press and hold for 3 seconds to exit the interface or automatically exit the operation interface after 10 seconds without operation.
 - As shown in the picture:



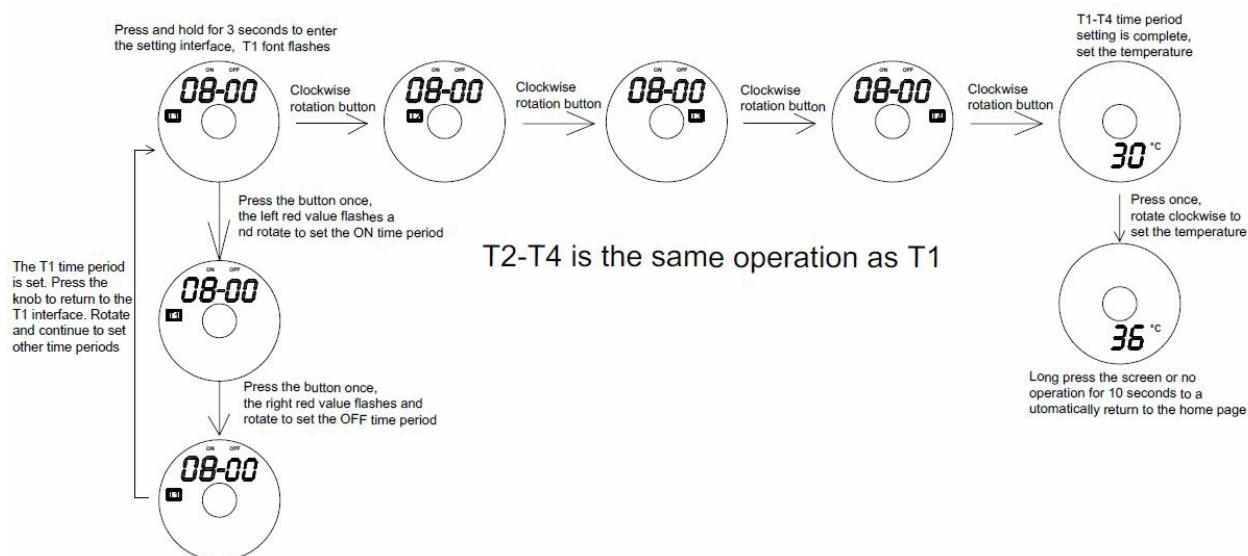
4. **Celsius and Fahrenheit switching:** Press and hold the rotation button on the main page, rotate 60 degrees counterclockwise, press the screen to switch °C/°F, long press for 3 seconds to exit the interface or automatically exit the operation interface after 10 seconds without operation.

- As shown in the picture:



5. **Timing and temperature setting:** Long press the screen for 3 seconds on the main page to enter the setting interface, long press the screen or 10 seconds without operation to return to the home page automatically.

- The operation process is shown in the diagram



Note: Four time periods setting, total 24 hours, and satisfy $T1\ on \leq T1\ off \leq T2\ on \leq T2\ off \leq T3\ on \leq T3\ off \leq T4\ on \leq T4\ off$. When the ON value and OFF value set for a certain time period are equal, the time period after the sorting is invalid.

Product Parameters

1. Before using this product, please read the manual carefully and follow the safety instructions. Failure to follow the following regulations and any other instructions provided may result in product damage or other dangers.
2. Check whether the power supply is damaged or deformed before use. If there is such a similar situation, it is not recommended to use it. The device should be inspected and repaired by the manufacturer or its service agent or related professionals to avoid danger.
3. This product is for indoor use only, please do not install or store the device in the sun, rain or below freezing temperature.

4. The area monitored by this product, such as the terrarium, should be used away from direct sunlight or under a high temperature environment. In this way, the external ambient temperature will be higher than the temperature when the heating equipment is not working, resulting in the inability to cool down and achieve a constant temperature effect. In addition, it should also stay away from the external environment with serious heat dissipation, such as: strong air flow, water flow, etc., so that heat dissipation will occur faster than heating, resulting in the failure of constant temperature control.
5. During the use of this product, please do not move at will, let alone pull the wire directly, otherwise dangerous accidents will occur.
6. Do not disassemble this product at will to avoid electric shock or other failures. At the same time, all accessories of this product are not recommended to be used for other purposes, which may cause unsafe factors.
7. This product is not suitable for use by persons who lack normal behavioral capacity, or who are nervous, mentally disturbed, or who lack experience and relevant knowledge, including children. The above-mentioned persons who want to use this equipment must operate under the supervision and instruction of experienced adults and ensure safety. Children should be closely supervised to ensure that they are not playing with the device.

Important Safety Information

- **(Warning)** Failure to follow these safety instructions may result in product damage and personal safety.
- **(Usage)** Please read all safety information before using the product.
- **(Maintenance)** Do not try to disassemble by yourself. If the product is damaged or malfunctions, please contact yitian2018amz@163.com.

Contact

- **Company Name:** Dongguan ETAN Pet Supplies Co., Ltd.
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References

- repti-zoo.com
- [User Manual](#)