

Raddy PT-5

Raddy PT-5 Solar Pool Thermometer Instruction Manual

MODEL: PT-5

Introduction

The Raddy PT-5 is a floating solar pool thermometer designed for accurate temperature monitoring in various water bodies such as swimming pools, hot tubs, ponds, aquariums, and ice baths. It features a clear digital display and dual power options for continuous operation, ensuring reliable temperature readings even on cloudy days.



Image: The Raddy PT-5 thermometer, showcasing its floating design and vibrant green and white colors, with water splashing around its base.

Package Contents

Please verify that all items are present in the package:

- 1 x Raddy PT-5 Solar Pool Thermometer
- 1 x USB-C Charging Cable
- 1 x Instruction Manual
- 1 x Tether Rope



Image: The retail packaging for the Raddy PT-5 Pool Thermometer, displaying the product name and an illustration of the thermometer.

Specifications

Feature	Detail
Temperature Measurement Range	-50 to 70°C (-58 to 158°F)
Temperature Resolution	0.1°C / 0.1°F
Accuracy	±1°C (±2°F)
Waterproof Rating	IPX8 with Dual Sealing Rings
Battery	Built-in 1200mAh Rechargeable Lithium Battery
Power Source	Solar Powered, USB-C Charging

Display Type	Digital LCD
Dimensions	6.77 x 5.28 x 4.41 inches
Item Weight	9.52 ounces



Image: A detailed diagram highlighting the solar panel, USB-C charging port, temperature display, and power/°C/°F switch, along with the product dimensions.

HIGH ACCURACY SENSOR

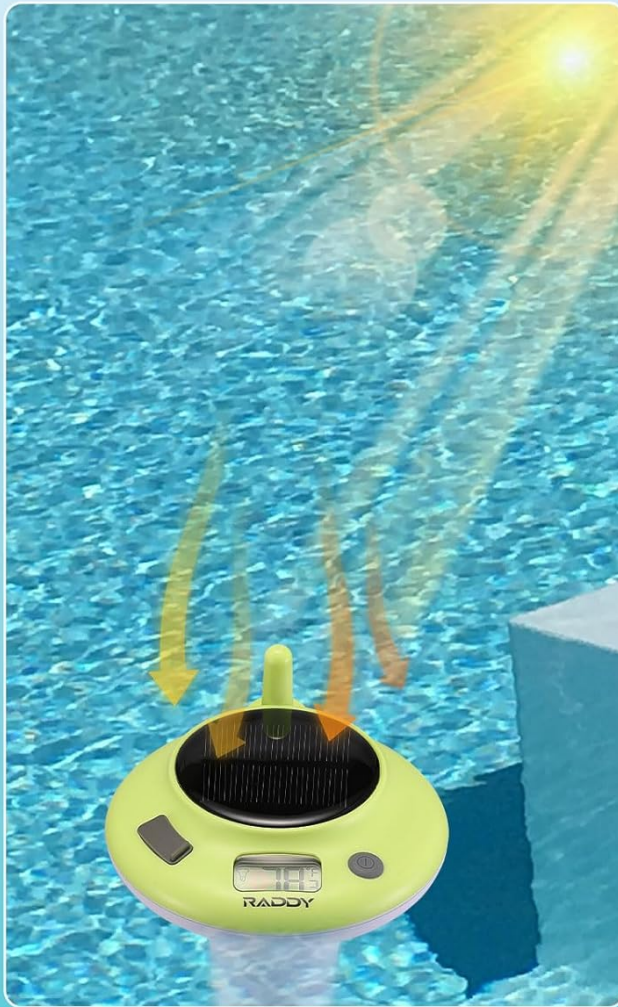


Image: The Raddy PT-5 thermometer floating in a pool, with an inset showing a close-up of its high-accuracy sensor, indicating an accuracy of $\pm 1^{\circ}\text{C}$ (2°F).

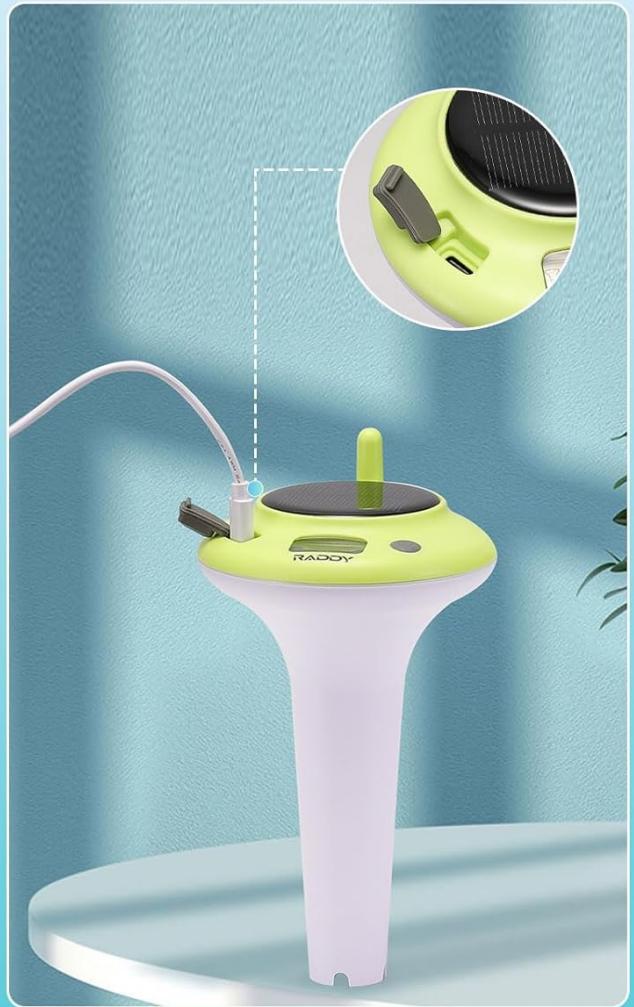
Setup

1. **Initial Charging:** Before first use, ensure the thermometer is fully charged. It can be charged via its built-in solar panel by placing it in direct sunlight, or by connecting the included USB-C cable to the charging port. A full charge ensures optimal performance.

DUAL CHARGING METHODS



Solar Panel Charging



USB-C Charging

Image: Illustrations demonstrating the dual charging methods: solar panel charging in sunlight and USB-C charging via cable.

2. **Power On:** Press and hold the power button (usually located near the display) for approximately 3 seconds to turn on the device. The digital display should illuminate.
3. **Attach Tether (Optional):** If you wish to keep the thermometer anchored in a specific location within your pool or pond, thread the included tether rope through the designated loop on the thermometer and secure it to a fixed point.
4. **Placement:** Gently place the Raddy PT-5 thermometer into the water body you wish to monitor. Ensure it floats freely and the solar panel is exposed to light for continuous charging.

Operating Instructions

- **Reading Temperature:** The current water temperature will be displayed prominently on the digital LCD screen.
- **Switching Temperature Units:** To switch between Celsius (°C) and Fahrenheit (°F), briefly press the power button. The display will toggle between the two units.
- **Low Battery Indicator:** If the low battery symbol flashes on the display, it indicates that the product has not been charged sufficiently by solar power. Please use the USB-C cable to fully charge the device.
- **Power Off:** To turn off the thermometer, press and hold the power button for 3 seconds.



Image: A visual representation of the Raddy PT-5 thermometer's versatility, showing its use in a swimming pool, hot spring, bathtub, and aquarium.

Maintenance

- **Cleaning:** Regularly wipe the thermometer's surface, especially the solar panel and display, with a soft, damp cloth to remove dirt, debris, or mineral buildup. Do not use abrasive cleaners or solvents.
- **Charging:** Ensure the solar panel receives adequate sunlight for optimal charging. If the device is used in low-light conditions or indoors, utilize the USB-C charging port to maintain battery levels.

1200MAH RECHARGEABLE BATTERY



Image: A graphic emphasizing the 1200mAh rechargeable battery of the Raddy PT-5 thermometer, illustrating its power capacity.

- **Storage:** When not in use for extended periods, clean the thermometer and store it in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause / Solution
Display is blank or not turning on.	<ul style="list-style-type: none">◦ Battery is low or depleted. Charge the device using the USB-C cable or place it in direct sunlight.◦ Power button not pressed long enough. Press and hold for 3 seconds.
Inaccurate temperature readings.	<ul style="list-style-type: none">◦ Sensor is dirty. Clean the thermometer, especially the submerged part.◦ Device not fully submerged or in an area with inconsistent water flow. Ensure proper placement.

Device not charging via solar.	<ul style="list-style-type: none">◦ Solar panel is dirty or obstructed. Clean the panel and ensure it has direct sunlight exposure.◦ Insufficient sunlight. Charge via USB-C cable.
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Warranty and Support

For warranty information and technical support, please refer to the official Raddy website or contact customer service directly.

Website: www.iraddy.com

Email: support@iraddy.com



Image: The back of the product box, displaying contact information for Raddy support.



Documents - Raddy – PT-5

PT-5 User Manuals

Features:

► Time in optional 12/24 hour format

► Daily alarm with snooze function

► Swimming pool temperature detection

► Comfort level display

► Low battery indicate

► Backlight

► Temperature unit: °C /°F

► Maximum / Minimum temperature and humidity record and query

► Up to three outdoor transmitters

► Indoor humidity range: 20%RH ~ 95%RH

► Temperature measurement ranges:
— Indoor: -9.9°C (14.2°F) ~ 50°C (122°F)
— Outdoor: -40°C (-40°F) ~ 70°C (158°F)

► Wireless parameter:
— 3 channels selectable
— 433.92MHz RF transmitting frequency
— 60 meter transmission range in an open area

► Power supply:
— RC: 2 x LR03 size AAA
— TC: Built-in lithium battery (3.7V-2200mAh)
► The transmitter can be charged by solar energy or USB
► The USB charging voltage is 5V-1A

Appearance description:

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[\[pdf\]](#) User Manual

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PT-5 User Manuals Features: Time in optional 12/24 hour format Daily alarm with snooze function Swimming pool temperature detection Comfort level display Low battery indicate Backlight Temperature unit: C /F Maximum / Minimum temperature and humidity record and query Up to three outdoor tra...

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PT-5 WIFI Manual

Technical Data and Features

MAIN:

• Time in optional 12/24 hour format.

• Automatic calibration of network time service

• Daily alarm with snooze function

• Indoor humidity measurable range: 20%RH to 95%RH

• Temperature measurement ranges:
— Indoor: -9.9°C to 50°C or(14.2°F to 122°F)
— Outdoor: -40°C to 70°C or(-40°F to 158°F)
— Temperature alternatively in °C or °F.

• Maximum / Minimum indoor temperature and humidity record and query

• Wireless remote monitoring of swimming pool temperature

• Comfort level display of pool temperature

• Display the maximum, minimum and real-time temperature of swimming pool temperature on the same screen

• Connects directly to wifi network, connect to Tuya Smart System

• Power Supply:
Equipment power input: DC 5V more than 1A (Power cord or power adapter)

Wireless Outdoor Sensor:

— Data transmission frequency: 433 MHz

— Wireless range: max. 60 m (open area)

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