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› DaToo Aquarium Thermometer DTATA-1 User Manual

DaToo DTATA-1

DaToo Aquarium Thermometer DTATA-1 User Manual

Model: DTATA-1 | Brand: DaToo

1. PRODUCT OVERVIEW

The DaToo Aquarium Thermometer DTATA-1 is a digital device designed to accurately measure and display water temperature in aquariums and terrariums, as well as ambient room temperature. It features a high/low temperature alarm function to alert users to significant temperature fluctuations, ensuring optimal conditions for aquatic life.



Figure 1: DaToo Aquarium Thermometer DTATA-1 main unit, external probe, and battery.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Thermometer Body
- 1 x Temperature Probe Cable (5ft)
- 2 x Battery (CR2032 type)
- 1 x Suction Cup
- 1 x Instruction Manual

You Can Get



1* Thermometer Body



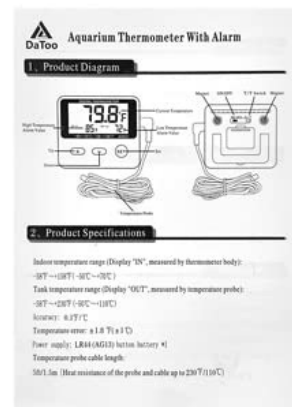
1*Temperature Probe Cable (5ft)



2* Battery



1* Suction Cup



1* Instruction manual

Figure 2: Included components: thermometer, probe, batteries, suction cup, and instruction manual.

3. SETUP INSTRUCTIONS

Follow these steps to set up your DaToo Aquarium Thermometer:

1. **Install the Battery:** Locate the battery compartment on the back of the thermometer. Insert one of the provided CR2032 batteries, ensuring correct polarity. Close the battery cover securely.
2. **Insert the Temperature Sensing Probe:** Plug the stainless steel temperature sensing probe into the designated port on the side of the thermometer body.
3. **Install the Suction Cup:** Attach the suction cup to the probe cable.
4. **Fix the Temperature Sensing Probe:** Position the probe inside the aquarium, ensuring the suction cup securely holds it in place. The probe should be fully submerged in the water for accurate readings.

You Can Get



1* Thermometer Body



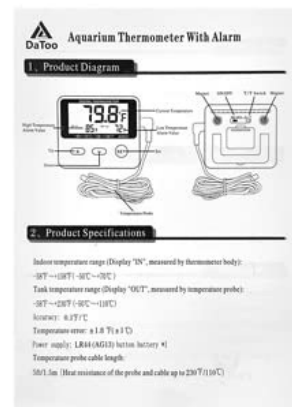
1*Temperature Probe Cable (5ft)



2* Battery



1* Suction Cup



1* Instruction manual

Figure 3: Visual guide for battery installation, probe connection, and in-tank placement.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Temperature Unit Conversion

- **Power:** Use the ON/OFF switch located on the back of the unit to turn the thermometer on or off.
- **Unit Conversion:** Use the °C/°F switch on the back to toggle between Celsius and Fahrenheit temperature units.

Accurate Inside/Outside Tank Temperature



Display "Out":

When the screen displays **"Out"**, the temperature is the temperature in the fish tank.
(Measured By **Temperature Probe**)



Display "In":

When the screen displays **"In"**, the temperature is the temperature outside the fish tank.
(Measured By **Thermometer Body**)

Figure 4: Location of ON/OFF and °C/°F conversion switches on the back of the unit.

4.2 Display Readings

The large 3.5-inch screen displays two temperature readings:

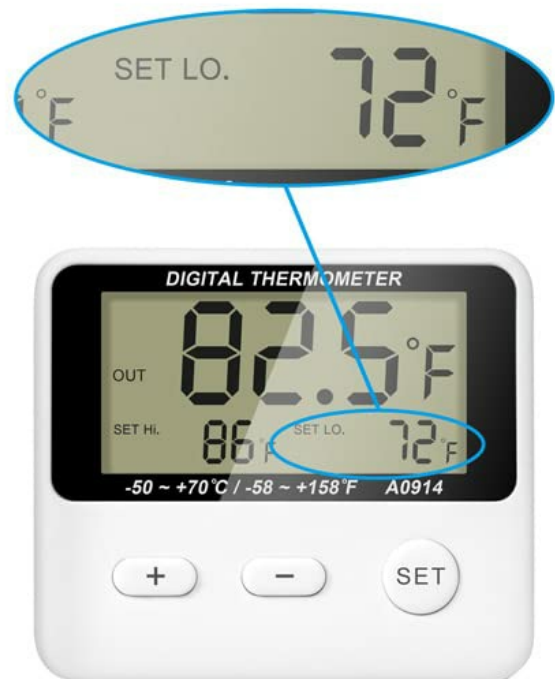
- When the screen displays **"OUT"**, the temperature shown is the water temperature in the fish tank, measured by the external temperature probe.
- When the screen displays **"IN"**, the temperature shown is the indoor (ambient) temperature, measured by the thermometer body.

High/Low Temperature Alarm Function



High Temperature Alarm:

When the water temperature is **higher** than the **maximum temperature** you set, the thermometer will sound an alarm.



Low Temperature Alarm:

When the water temperature is **lower** than the **minimum temperature** you set, the thermometer will sound an alarm.

Keep your fish safe!

Figure 5: Understanding the 'OUT' (water temperature) and 'IN' (indoor temperature) indicators.

4.3 Setting High/Low Temperature Alarms

The thermometer features an alarm function that activates if the water temperature (OUT) goes above or below your set limits. The alarm sound is based solely on the water temperature.

1. Press the **SET** button once to enter the high temperature alarm setting mode. The "SET Hi." value will flash.
2. Use the **+** and **-** buttons to adjust the desired maximum temperature.
3. Press the **SET** button again to confirm the high temperature and enter the low temperature alarm setting mode. The "SET Lo." value will flash.
4. Use the **+** and **-** buttons to adjust the desired minimum temperature.
5. Press the **SET** button a third time to confirm the low temperature and exit the alarm setting mode.

When the water temperature exceeds the set high limit or falls below the set low limit, the thermometer will emit an audible alarm.

Sturdy And Durable



High-Strength ABS Shell:

Sturdy and **durable**, without fear of any external force damage.



Stainless Steel Probe:

Durable and **corrosion-resistant**, will never rust, temperature measurement is more **sensitive**, and the probe service life is **1.5~2** times of other thermometers.

Figure 6: Setting high and low temperature alarm thresholds.

5. MAINTENANCE

- **Cleaning:** Wipe the thermometer body with a clean, damp cloth. Do not submerge the main unit in water. The stainless steel probe is corrosion-resistant and can be cleaned with a soft brush if algae or debris accumulate.
- **Battery Replacement:** When the display becomes dim or the unit stops functioning, replace the CR2032 battery. Ensure proper polarity during installation.
- **Probe Care:** The stainless steel probe is designed for durability and corrosion resistance. Avoid bending or damaging the probe cable.

How To Use



Figure 7: Durable ABS shell and corrosion-resistant stainless steel probe.

6. TROUBLESHOOTING

- **Incorrect Temperature Reading:** Ensure the probe is fully submerged in the water for accurate water temperature readings. Verify the display shows "OUT" for water temperature and "IN" for ambient temperature.
- **Alarm Not Sounding:** Check that the high and low temperature alarm limits are set correctly. Remember that the alarm is triggered only by the water temperature (OUT), not the indoor temperature (IN).
- **No Display/Dim Display:** Replace the battery with a new CR2032 battery. Ensure the battery is installed with the correct polarity.
- **Probe Disconnected:** Ensure the temperature sensing probe is securely plugged into the thermometer body.

7. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	DTATA-1
Dimensions (Thermometer Body)	2.6 x 2.2 x 0.6 inches
Temperature Range	-58°F to +158°F (-50°C to +70°C)
Accuracy	±0.1°F (±0.1°C)
Probe Cable Length	5 feet
Display Type	Digital LCD (3.5-inch)
Material (Shell)	High-strength ABS
Material (Probe)	Stainless Steel
Power Source	CR2032 Battery
Application	Fresh Water and Salt Water Aquariums/Terrariums

8. WARRANTY AND SUPPORT

The DaToo Aquarium Thermometer DTATA-1 comes with a **One Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as described under normal use. For technical support, warranty claims, or any inquiries, please contact DaToo customer service. Our professional customer service team is available to assist you.

- **Customer Service:** Refer to your purchase documentation or the DaToo official website for contact information.

