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› **ZACRO Digital Aquarium Thermometer (Model ZDT1D-AUX-1) Instruction Manual**

Zacro ZDT1D-AUX-1

ZACRO Digital Aquarium Thermometer

MODEL: ZDT1D-AUX-1



Image: ZACRO Digital Aquarium Thermometer, showing the main unit, wired probe, and suction cup.

Introduction

The ZACRO Digital Aquarium Thermometer (Model ZDT1D-AUX-1) provides accurate and reliable temperature monitoring for various aquatic and terrestrial environments. Its compact design and clear LCD display make it suitable for fish tanks, terrariums, and other applications requiring precise temperature readings.

Key features include:

- Easy-to-read large LCD display.
- Temperature readings accurate to within 1 degree Celsius/Fahrenheit.
- Wide temperature range: -50°C to +70°C (-58°F to +158°F).
- Operating temperature: -10°C to +50°C.
- Powered by one LR44 button cell battery (included).
- Equipped with an easy-to-apply suction cup for secure placement.



Image: Features of the LCD display, highlighting energy efficiency, long-lasting performance, and a wide viewing angle.

What's in the Box

Your package should contain the following items:

- Digital Aquarium Thermometer (2 units for 2-pack style)
- User Manual
- LR44 Button Cell Battery (pre-installed or included separately)

Setup and Installation

1. **Install Battery:** If not already installed, open the battery compartment on the back of the thermometer unit and insert the LR44 button cell battery with the positive (+) side facing up. Close the compartment securely.
2. **Position the Display Unit:** Attach the main thermometer display unit to the exterior glass of your aquarium or terrarium using the provided suction cup. Ensure the surface is clean and dry for optimal adhesion.
3. **Submerge the Probe:** Carefully submerge only the metal probe into the water of your fish tank or the environment you wish to monitor. Use the small suction cup attached to the probe wire to secure it in place within the tank. **Do not submerge the main display unit in water.**
4. **Power On:** Press the 'PWR' button on the front of the thermometer to turn it on. The current temperature will be displayed on the LCD screen.



Image: Visual guide showing three steps for installation: 1) Install the monitor outside the tank, 2) Install the probe inside the tank, 3) Power on the device.



Image: Illustration demonstrating the strong suction power of the thermometer's suction cup for secure attachment.



Installation

1



Install the monitor outside the tank

2



Install the probe inside the tank

3



Power on

Image: The thermometer's probe is shown submerged in an aquarium, accurately measuring water temperature.

Your browser does not support the video tag.

Video: A demonstration of the ZACRO Digital Water Thermometer, showing its features and how it functions in an aquarium setting.

Operating Instructions

- Power On/Off:** Press the 'PWR' button once to turn the thermometer on. To turn it off, press and hold the 'PWR' button for approximately 3 seconds.
- Switch Temperature Units:** The thermometer can display temperature in either Celsius (°C) or Fahrenheit (°F). Press the °C/°F button located on the front of the unit to toggle between the two units.

3. Reading Temperature: The current temperature will be continuously displayed on the large LCD screen. Ensure the probe remains submerged in the water for accurate readings.



Image: Close-up view of the thermometer demonstrating the switch between Celsius and Fahrenheit temperature displays.

°C/°F Switch



Celsius

-50°C

70°C

Fahrenheit

-58°F

158°F



Precise to 0.1°C/°F

°F °C



Image: A user's hands are shown pressing the °C/°F button to change the temperature unit on the digital display.

Maintenance

- Cleaning:** Wipe the display unit with a soft, dry cloth. If necessary, use a slightly damp cloth. Do not use abrasive cleaners or immerse the display unit in water. The probe can be gently cleaned with a soft brush if algae or debris accumulates.
- Battery Replacement:** When the display becomes dim or stops working, it's time to replace the LR44 button cell battery. Open the battery compartment on the back of the unit, remove the old battery, and insert a new LR44 battery with the correct polarity.
- Suction Cup Care:** If the suction cups lose their grip, clean them and the surface they attach to with warm, soapy water, then rinse thoroughly. This can help restore their adhesive properties.

Troubleshooting

- **No Display/Dim Display:** Check if the battery is correctly installed and has sufficient charge. Replace the LR44 battery if needed.
- **Inaccurate Readings:** Ensure the probe is fully submerged in the water and not touching the tank walls or substrate. Verify that the probe is clean and free of debris. Compare readings with another known accurate thermometer if possible.
- **Suction Cups Not Sticking:** Clean both the suction cups and the tank surface thoroughly. Ensure the surface is smooth and free of air bubbles when applying the suction cup.

Specifications

Feature	Specification
Brand	Zacro
Model Name	ZDT1D-AUX-1
Special Feature	High Accuracy
Color	Black
Outer Material	Plastic
Display Type	LCD
Power Source	Battery Powered (1 LR44 Lithium Metal battery)
Temperature Range	-50°C ~ +70°C (-58°F ~ +158°F)
Operating Temperature	-10°C ~ +50°C
Response Time	2 seconds
Immersion Depth	5.08 Centimeters
Item Length (Main Unit)	2.17 Inches (5.5 cm)
Item Weight	2.08 ounces
Indoor/Outdoor Usage	Indoor
Reusability	Reusable



Image: Detailed diagram showing the dimensions of the thermometer unit and its probe cable.



Image: Close-up of the thermometer display, emphasizing its precision to 0.1 degrees Celsius or Fahrenheit.

Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact ZACRO customer service directly. Keep your purchase receipt as proof of purchase.

