

Longriver MX08

Longriver MX08 Wireless Shower Temperature Monitor User Manual

Model: MX08

1. INTRODUCTION

The Longriver MX08 Wireless Shower Temperature Monitor provides real-time water temperature readings for a safer and more comfortable bathing experience. This device is particularly useful for families with children, elderly individuals, or pets, allowing precise temperature control without direct contact with the water. Its hydro-powered sensor and wireless display offer convenience and reliability.



Image 1.1: The Longriver MX08 Wireless Shower Temperature Monitor in use.

2. SAFETY INFORMATION

- Ensure all connections are secure to prevent leaks before use.
- Do not attempt to disassemble or repair the device yourself. Contact customer support if issues arise.
- Keep the display unit charged as recommended to ensure continuous operation.
- While the device is IPX7 waterproof, avoid prolonged submersion beyond specified limits.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Longriver MX08 Hydro-Powered Sensor Unit
- 1 x Longriver MX08 Wireless Display Unit
- 1 x Mounting Plate with 3M Adhesive
- 1 x USB Charging Cable (for display unit)
- 1 x User Manual

4. PRODUCT OVERVIEW

The Longriver MX08 consists of two main components: a hydro-powered sensor and a wireless display unit.

4.1 Hydro-Powered Sensor

This unit is installed inline with your showerhead. It generates power from the water flow to measure temperature and transmit data wirelessly to the display unit. It is designed to fit standard American showerheads and pipes.



Image 4.1: Hydroelectric power generation and wireless signal transmission.

4.2 Wireless Display Unit

The display unit shows the water temperature in real-time with a response speed of 0.25 seconds. It features a large digital display and three color indicator lights (blue, green, red) to visually represent temperature ranges. The display can be mounted up to 6.56 feet from the sensor.



Image 4.2: Robust signal range of over 6.56 feet.

4.3 IPX7 Waterproof Rating

Both the sensor and display units meet IPX7 waterproof standards, meaning they can be submerged in 3.3 feet of water for up to 30 minutes without damage. This ensures durability and reliability in shower environments.

IPX7 Waterproof Rating

Fearless of Water Seepage



Image 4.3: IPX7 Waterproof Rating.

5. SETUP AND INSTALLATION

Installation of the Longriver MX08 is quick and straightforward, typically taking less than 3 minutes.

1. **Prepare the Display Unit:** Press the power button on the back of the display unit to turn it on.
2. **Mount the Display Unit:** Peel off the protective film from the 3M adhesive on the mounting plate. Attach the mounting plate to a clean, dry wall surface at your desired eye-level viewing position.
3. **Install the Sensor Unit:** Unscrew your existing showerhead from the shower arm. Screw the Longriver MX08 sensor unit onto the shower arm. Ensure it is hand-tightened to prevent leaks.
4. **Attach Showerhead:** Screw your showerhead onto the other end of the Longriver MX08 sensor unit. Ensure it is hand-tightened.
5. **Verify Connection:** Turn on the shower water. The display unit should automatically show the water temperature. If not, ensure the sensor is correctly installed and the display is powered on and within range.

SETTING THE MOST SUITABLE BATHING

Temperature for Family Members



Image 5.1: Easy installation in just 4 steps.

Important Note: Ensure the inlet and outlet directions of the sensor are correct. Reversing the connection will prevent proper function.

Fits Total Shower Head Types



Image 5.2: The Longriver MX08 fits various shower head types.

6. OPERATING INSTRUCTIONS

Once installed, the Longriver MX08 automatically monitors and displays the water temperature when water flows through the sensor.

6.1 Reading the Display

The large digital display shows the current water temperature in Fahrenheit (°F). The temperature sensing range is 0-188°F.

6.2 Color Indicator Lights

The display unit features a color-coded indicator light to provide a quick visual reference of the water temperature:

- **Blue Light:** Water temperature is too low (below 86°F).
- **Green Light:** Water temperature is suitable (between 86°F and 104°F).
- **Red Light:** Water temperature is too high (above 104°F).

Real-time Monitoring of Water Temperature



Image 6.1: Real-time monitoring of water temperature with color indicators.

This visual feedback helps users quickly adjust the water temperature to their preferred comfort level, ensuring a safe bathing experience for all family members.

SET THE PERFECT WATER TEMPERATURE FOR EVERY FAMILY MEMBER

Real-time display for a safer, more comfortable bathing experience.



Image 6.2: Setting the perfect water temperature for every family member.

7. CHARGING

The wireless display unit is rechargeable. A single charge can last up to 3 months with one hour of daily use. Use the provided USB charging cable to recharge the display unit when the battery indicator shows low power.

Extended Battery Life

Only Charge the Battery 4 Times a Year



Image 7.1: Extended battery life, requiring infrequent charging.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Longriver MX08:

- **Cleaning:** Wipe the display unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Sensor Care:** Periodically check the sensor unit for any mineral buildup, especially in hard water areas. Clean gently if necessary.
- **Storage:** If storing the device for an extended period, ensure the display unit is fully charged and stored in a dry place.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No temperature displayed	Display unit off or uncharged; Sensor not receiving water flow; Sensor or display out of range.	Ensure display is on and charged. Check water flow through sensor. Verify display is within 6.56 feet of sensor.

Problem	Possible Cause	Solution
Inaccurate temperature reading	Sensor malfunction.	Contact customer support for assistance.
Water leakage at sensor connection	Loose connection; Missing or damaged washer.	Ensure sensor is tightly screwed. Check for and replace any damaged washers.
Display unit falls off wall	Adhesive not properly applied or surface not clean/dry.	Clean and dry the wall surface thoroughly before applying the adhesive mounting plate. Consider using a stronger adhesive if needed.

10. SPECIFICATIONS

Feature	Detail
Brand	Longriver
Model	MX08
Display Type	Digital
Connectivity Technology	Bluetooth
Power Source (Display)	Battery Powered (1 Lithium Polymer battery included)
Power Source (Sensor)	Hydro-Powered
Temperature Range	0-188°F
Temperature Response Speed	0.25 seconds
Waterproof Rating	IPX7 (Submersible up to 3.3 feet for 30 minutes)
Immersion Depth	12 Inches
Outer Material	Acrylonitrile Butadiene Styrene
Indoor/Outdoor Usage	Indoor

11. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Longriver customer service. Keep your purchase receipt as proof of purchase. The seller for this product is Longriver-US.

You can typically find support contact details on the product packaging or the official Longriver website.