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› Longriver XL-3F-PBLED-MB10 3-Push Button Shower Faucet Set User Manual

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Model: XL-3F-PBLED-MB10

INTRODUCTION

Thank you for choosing the Longriver 3-Push Button Shower Faucet Set with Hydro Power Temperature Display. This advanced shower system is designed to provide a comfortable and safe showering experience with its real-time temperature display and versatile spray functions. This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your new shower system.

SAFETY INFORMATION

- Always turn off the main water supply before attempting any installation or maintenance.
- Ensure all plumbing connections are secure to prevent leaks.
- If you are unsure about any installation steps, consult a qualified plumber.
- Do not use abrasive cleaners or harsh chemicals on the product finish, as this may damage the PVD coating.
- The LED temperature display is powered by water flow; no external power or batteries are required.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 10-inch Rain Shower Head
- 6-inch Body Spray Shower Head
- 16-inch Wall Mounted Shower Arm
- 3-Spray Handheld Shower Head
- Adjustable Shower Bracket
- Push Button Diverter Shower Mixer Valve with Trims and LED Display
- Mounting Hardware and Seals

ALL BRASS VALVE BODY LIFE 70 YEARS



Leakage prevention



Rust-resistant



Corrosion-resistant

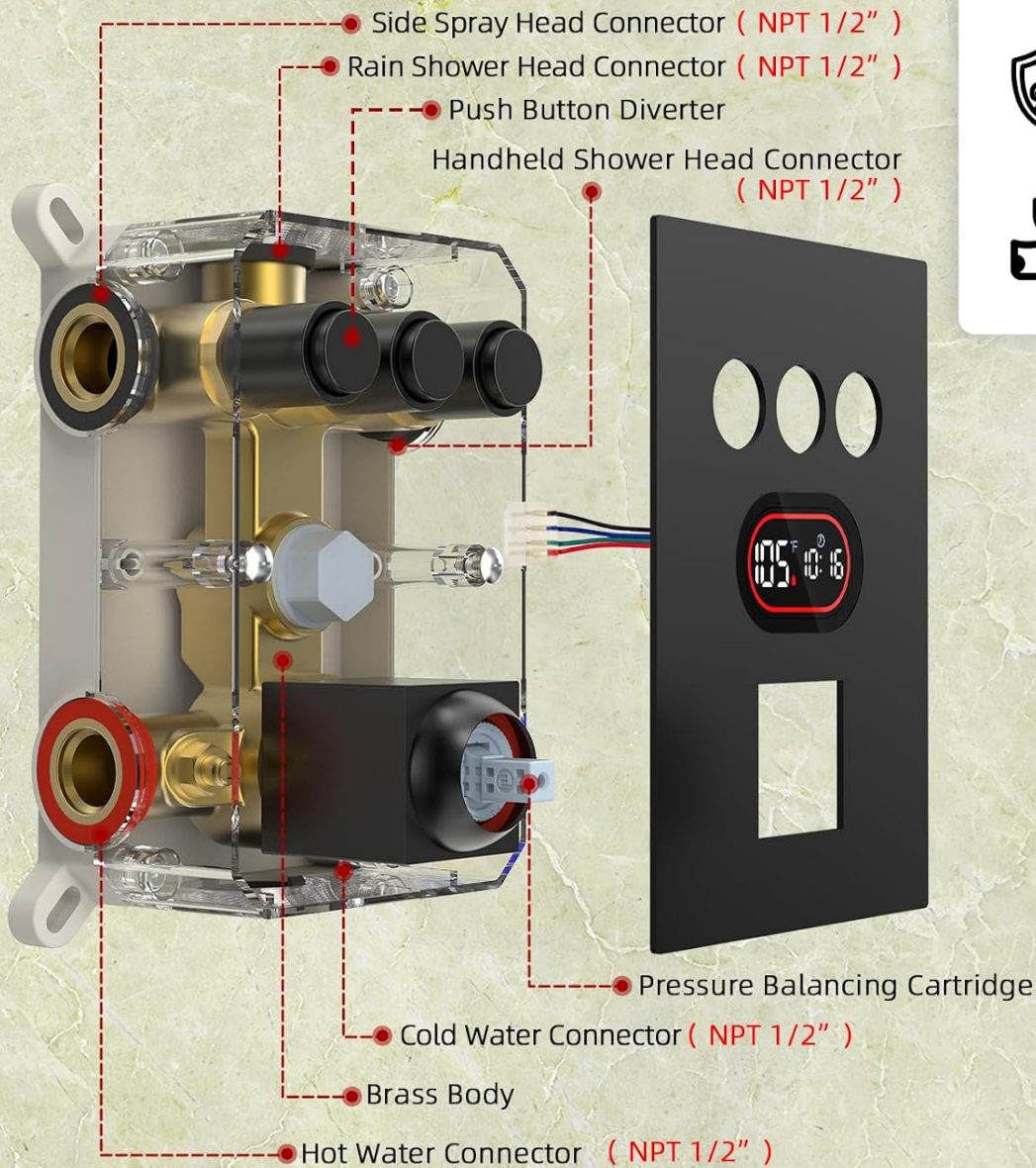


Image: Internal view of the all-brass valve body, showing connections for hot water, cold water, rain shower head, side spray head, and handheld shower head. It also highlights the pressure balancing cartridge and push-button diverter.

SETUP AND INSTALLATION

For detailed installation instructions, please refer to the official Installation Manual PDF provided by Longriver. This document contains comprehensive diagrams and step-by-step guidance for proper setup.

[Download Installation Manual \(PDF\)](#)

Key Installation Considerations:

- **Valve Body Placement:** The main valve body (XL-3F-PBLED-MB10) is designed for wall-mounted installation. Ensure adequate space within the wall for the valve and plumbing connections.
- **Water Connections:** Connect hot and cold water lines to the designated inlets on the valve body. The system uses standard 1/2-14 NPT connections.
- **Shower Head Connections:** Connect the 10-inch rain shower head, 6-inch body spray, and handheld shower head to their

respective outlets on the diverter valve.

- **Finish Wall Depth:** Ensure the finish wall allows for the correct depth of the valve trim kit, typically around 2.8 inches from the rough-in valve to the finished wall surface.

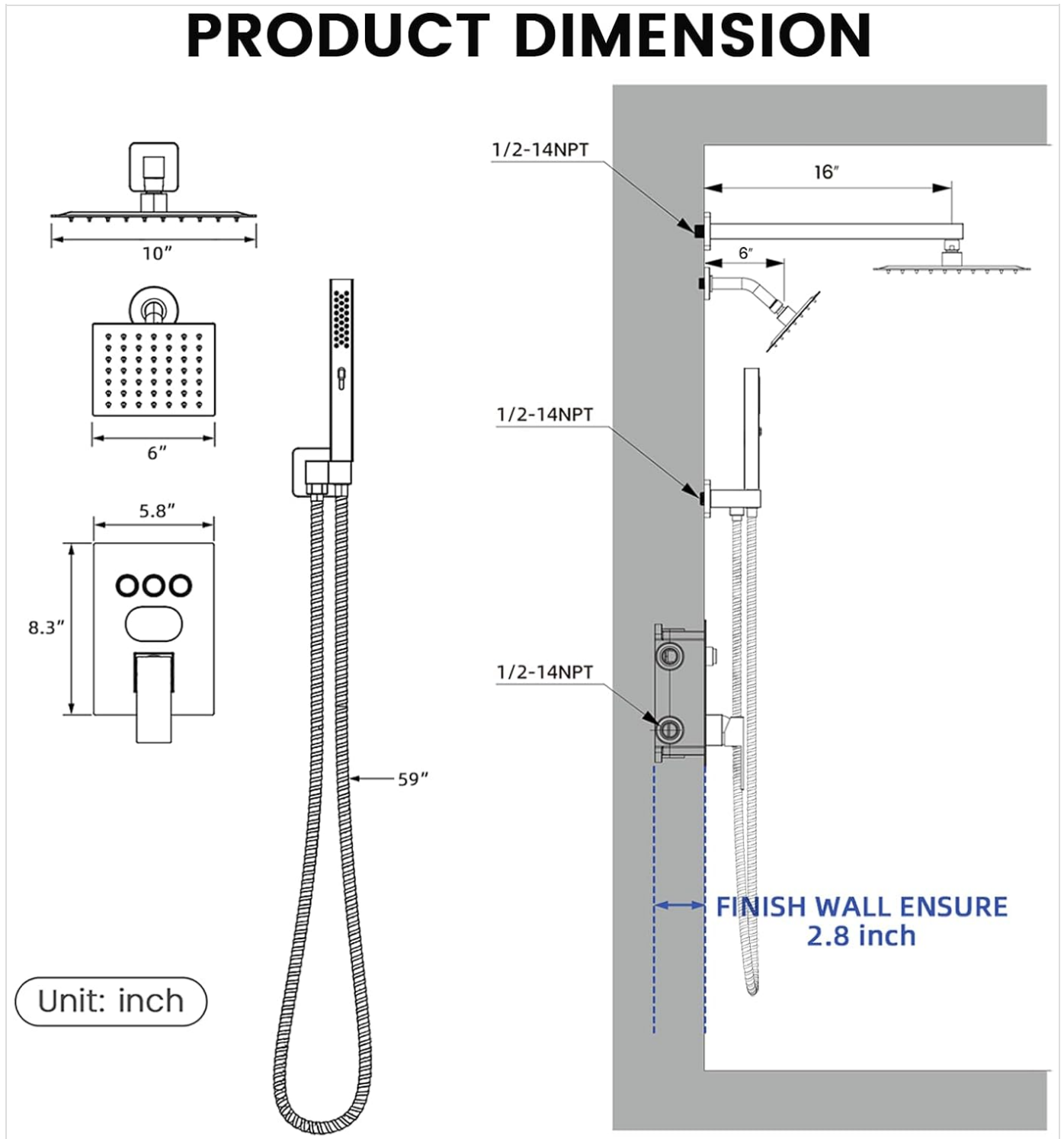


Image: Detailed product dimension diagram, illustrating the sizes of the 10-inch rain shower head, 6-inch body spray, handheld shower, and the main valve. It also shows the required wall depth for installation.



Image: Illustration of the 3-in-1 water diverter, demonstrating how to operate the handle for hot, cold, close, and open positions. Important note: Not compatible with other brand valves and cartridges; old valve must be removed.

OPERATING INSTRUCTIONS

1. Water Flow and Temperature Control

- **Main Handle:** The single handle on the trim kit controls both water flow and temperature. Move the handle to the left for hot water and to the right for cold water. Push the handle down to turn off the water and pull it up to turn on.
- **Pressure Balance Valve:** The integrated pressure balance valve cartridge maintains a stable water temperature and pressure, preventing sudden hot or cold shocks during your shower.

2. LED Digital Temperature Display

- **Hydro Power:** The LED display is powered by the water flow itself, requiring no batteries or external electrical connections.
- **Real-time Temperature:** The screen displays the current water temperature in Fahrenheit, allowing for precise control and enhanced safety.
- **Two-Color Indicator:** The display features a two-color indicator for quick visual reference:
 - **Blue Light:** Indicates water temperature is below 105°F (40.5°C).
 - **Red Light:** Indicates water temperature is above 105°F (40.5°C).

TWO-COLOR INDICATOR

(Blue / Red)



Real-time temperature

Shower time



Temperature above
(105°F), red light on



Temperature below
(105°F), blue light on

No Batteries Required
Hydro Power



Image: Close-up of the shower system's LED display, illustrating the real-time temperature and shower duration. It shows a blue light for temperatures below 105°F and a red light for temperatures above 105°F, indicating hot and cold water.

NO GUESSWORK, PREVENTS OVERHEATING OR OVERCOOLING

Visual Temperature Display



Image: The shower system in use, demonstrating how the visual temperature display helps prevent overheating or overcooling for various users, including pets, children, and adults, showing different ideal temperatures.

3. 3-Push Button Diverter

The three push buttons on the trim kit allow you to easily switch between the different shower functions:

- **Button 1:** Activates the 10-inch Rainfall Shower Head.
- **Button 2:** Activates the 6-inch Body Spray Shower Head.
- **Button 3:** Activates the Handheld Shower Head.

Press a button to select a function. You can typically use one function at a time, or a combination depending on the valve design.

4. Handheld Shower Spray Modes

The handheld shower head offers three distinct spray modes, selectable via a control on the handheld unit:

- **Rain Spray:** Provides a gentle, full-body comfort spray.

- **Mist Spray:** Offers a calming, soft mist.
- **Power Spray:** Delivers a strong, concentrated stream for rinsing or cleaning.

3 Spray Modes. Perfect Shower.

RAIN SPRAY	MIST SPRAY	POWER SPRAY
		
Feel it Full-body comfort every day	Slow down Calm your skin, slow your moment	Get it done Blast away dirt in seconds

Image: Visual representation of the three spray modes available on the handheld shower: Rain Spray for full-body comfort, Mist Spray for a calming experience, and Power Spray for strong rinsing.

MAINTENANCE

Cleaning the Finish:

- To maintain the matte black PVD finish, clean regularly with a soft, damp cloth.
- Avoid using abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- For stubborn spots, use a mild soap solution and rinse thoroughly.

Cleaning Shower Head Nozzles:

- The shower heads feature easy-clean silicone nozzles. To remove mineral buildup, gently rub the nozzles with your finger or

a soft brush.

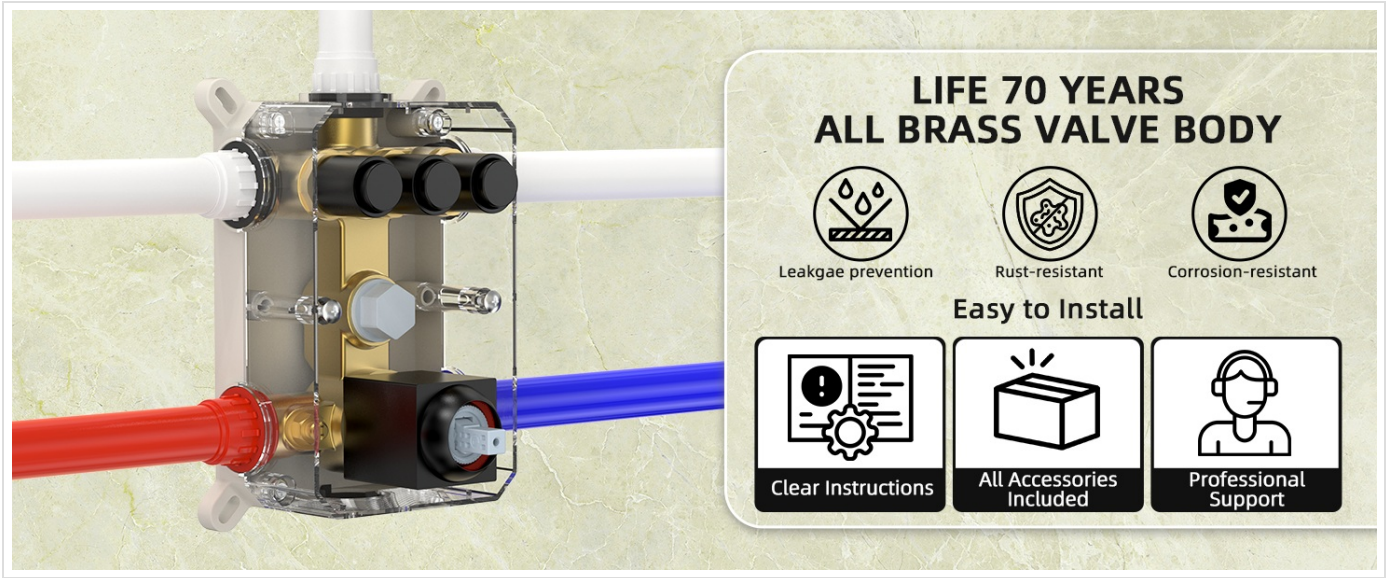


Image: Visual comparison demonstrating the durability of the high-end PVD coating with oil-sealing technology, showing resistance to sand-fall, salt spray, corrosion, and rust, compared to other brands prone to scratches and rust.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No water flow or low pressure.	Main water supply off; clogged shower head nozzles; debris in valve.	Check main water supply; clean shower head nozzles; consult installation manual for valve inspection.
Water temperature is inconsistent or too hot/cold.	Improper adjustment of the main handle; issue with pressure balance cartridge; water heater settings.	Adjust the main handle slowly; check water heater settings; if problem persists, contact support for cartridge inspection.
LED display not working.	Insufficient water flow to power the hydro-generator; display malfunction.	Ensure adequate water flow; if flow is sufficient and display still off, contact support.
Leaking from connections.	Loose connections; damaged seals or O-rings.	Turn off water supply and check all connections for tightness; replace any damaged seals.

SPECIFICATIONS

Brand	Longriver
Model Number	XL-3F-PBLED-MB10
Color	Matte Black
Material	Brass, Stainless Steel, Metal
Finish Type	Black (PVD Coating)
Number of Handles	1

Mounting Type	Wall Mount
Flow Rate	1.75 Gallons Per Minute
Shower Head Sizes	10-inch (Rainfall), 6-inch (Body Spray)
Diverter Type	3-Push Button
Temperature Display	LED, Hydro Power (Battery-Free)
Certifications	DOE & CEC certified, meets U.S. plumbing standards

WARRANTY AND SUPPORT

Limited Lifetime Warranty: The Longriver Shower Faucet Set is backed by a limited lifetime warranty, ensuring long-term peace of mind. This warranty covers defects in materials and workmanship under normal use and service. For warranty claims, technical assistance, or any questions regarding your product, please contact Longriver customer support. Refer to your purchase documentation or the official Longriver website for contact information.

Note: Keep your proof of purchase for warranty validation.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

