

PERLESMITH PSMFK12 / PSLF6 Series

PERLESMITH Heavy Duty Full Motion TV Wall Mount

Instruction Manual

1. INTRODUCTION

Thank you for choosing the PERLESMITH Heavy Duty Full Motion TV Wall Mount. This manual provides essential information and step-by-step instructions for the safe and proper installation, operation, and maintenance of your new TV mount. Designed for versatility and strength, this mount allows you to optimize your viewing experience by providing flexible positioning for your television.

This mount is engineered to fit most 32-60 inch LED, LCD, OLED 4K TVs up to 88lbs, and a sliding full motion version fits most 37-85 inch flat or curved TVs up to 132 lbs. It supports various VESA patterns, ensuring broad compatibility with many television models.



Image: Overview of the PERLESMITH Heavy Duty Full Motion TV Wall Mount components, including the main articulating arm assembly and the sliding wall plate.

2. SAFETY INFORMATION

WARNING: Failure to read and follow all instructions, cautions, and warnings in this manual may result in personal injury, property damage, or voiding of your warranty. If you have any questions, please contact PERLESMITH customer service.

- Do not install this product if you cannot understand the instructions or have doubts about the safety of the installation.
- Ensure the mounting surface can safely support the combined weight of the mount and the television.
- Always use a stud finder to locate wood studs accurately. Do not install into drywall alone.
- For concrete or brick walls, use appropriate concrete anchors (not always included, verify package contents).
- Do not exceed the maximum weight capacity of 88 lbs (for 32-60 inch TVs) or 132 lbs (for 37-85 inch TVs).
- Verify VESA compatibility (mounting hole patterns) on your TV before installation.

- Keep children and pets away during installation.
- Wear appropriate safety gear, including eye protection.

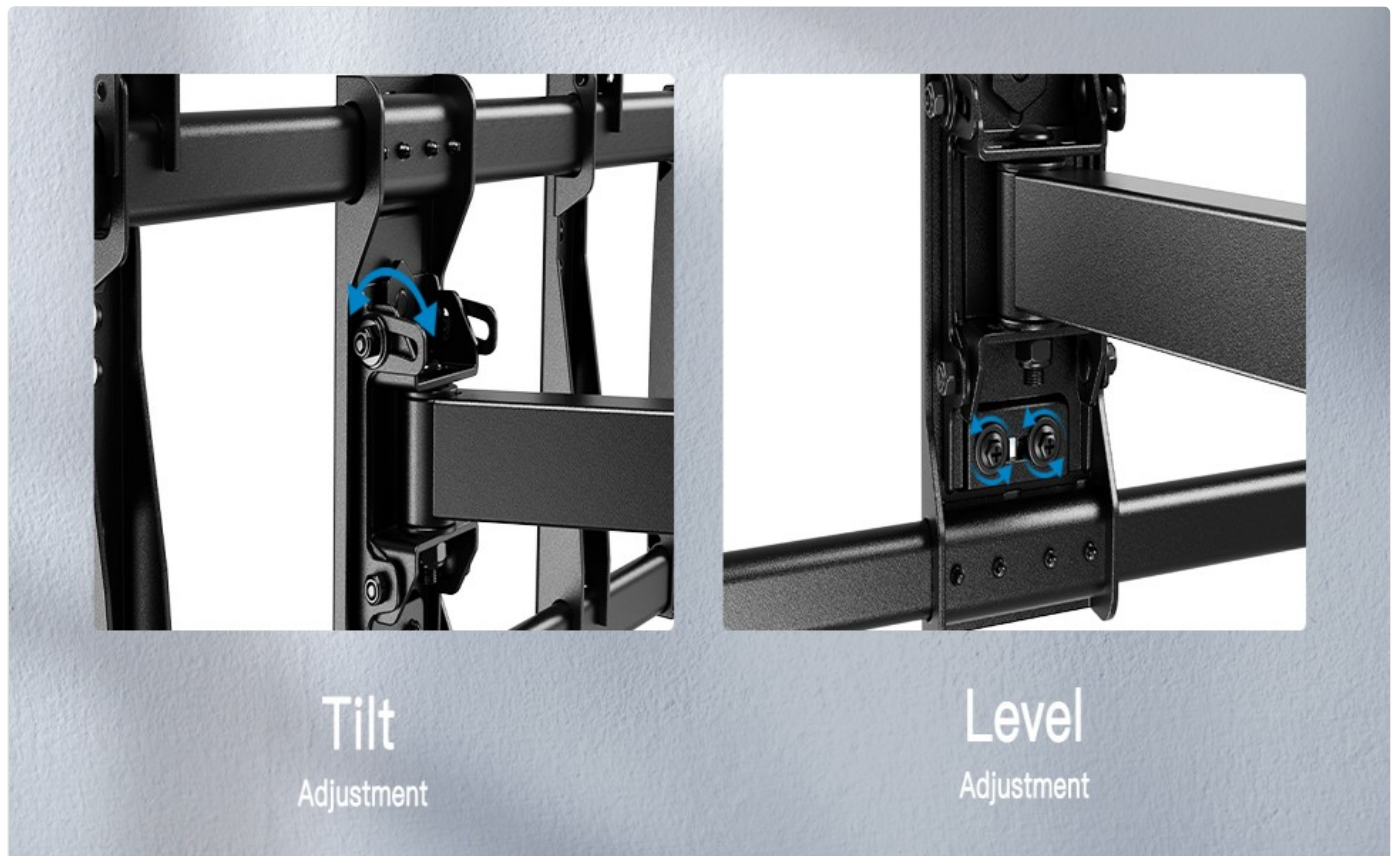


Image: Illustration highlighting the UL certification and rigorous safety testing (6,000 cycles tested, 4X safety tested) of PERLESMITH TV mounts, emphasizing product reliability.

3. PACKAGE CONTENTS

Before beginning installation, please check to ensure all parts are included and undamaged. If any parts are missing or defective, contact PERLESMITH customer service for assistance.

Typical package contents include:

- TV Wall Mount Assembly (Articulating Arm and Wall Plate)
- TV Brackets (for attaching to the back of the TV)
- Standard Mounting Hardware Kit (various screws, washers, spacers for TV and wall)
- Bubble Level
- Drilling Template
- Cable Ties (for cable management)
- Instruction Manual



Image: A visual representation of the various components included with the PERLESMITH TV wall mount, such as the main mount body, TV brackets, and a bubble level.

4. SETUP AND INSTALLATION

Proper installation is crucial for the safety and stability of your TV. Follow these steps carefully.

4.1 Prepare Your TV

1. Carefully place your TV face-down on a soft, clean surface to prevent scratches.
2. Attach the TV brackets to the back of your TV using the appropriate screws, washers, and spacers from the hardware kit. Ensure the brackets are centered and securely fastened.



Bedroom



Living Room



Office

Image: A visual guide showing the three main steps of installation: attaching brackets to the TV, installing the wall plate, and hanging the TV. It also highlights the included mounting template for ease of use.

4.2 Install the Wall Plate

Determine your wall type (wood stud, concrete, or brick) and follow the corresponding instructions.

- **For Wood Stud Walls (16"-24" spacing):**

- a. Use a stud finder to locate the edges and center of the wood studs. Mark the center of the studs.
- b. Position the drilling template at your desired height, ensuring it is level using the included bubble level. Mark the drill holes.
- c. Drill pilot holes into the center of the studs at the marked locations.
- d. Attach the wall plate to the wall using the lag bolts and washers. Tighten securely, but do not overtighten.

- **For Concrete or Brick Walls:**

- a. Position the drilling template at your desired height, ensuring it is level. Mark the drill holes.
- b. Drill pilot holes at the marked locations.
- c. Insert concrete anchors into the drilled holes. Ensure they are flush with the wall surface.
- d. Attach the wall plate to the wall using the lag bolts and washers, screwing them into the concrete anchors. Tighten securely.

Centering Mounting System



Image: A person using a drill to create pilot holes on a wall, with a drilling template and bubble level visible, illustrating the ease of installation.



Image: The TV mount installed on a single wall stud, demonstrating its capability for flexible placement within a room, allowing for optimal viewing angles.



Image: An illustration of the centering mounting system, showing how the TV can slide left or right by up to 9.25 inches on the wall plate to achieve perfect centering even if the studs are not perfectly aligned with the desired TV position.

4.3 Hang the TV

1. With assistance, carefully lift the TV with the attached brackets and hook them onto the wall plate.

2. Ensure the TV is securely seated on the wall plate.
3. Secure the TV to the wall plate using the safety screws or locking mechanisms provided.

5. OPERATING AND ADJUSTMENTS

Your PERLESMITH Full Motion TV Wall Mount offers various adjustments for optimal viewing.

5.1 Swivel Adjustment

The articulating arms allow you to swivel your TV up to $+60^{\circ}/-60^{\circ}$ (depending on TV size and wall distance) to achieve the best viewing angle from different positions in the room.

5.2 Tilt Adjustment

Adjust the tilt angle of your TV from $+8^{\circ}$ to -12° to reduce glare from lights or windows and find the most comfortable viewing position.

5.3 Extension and Retraction

Extend the TV from the wall up to 24.5 inches for a more immersive viewing experience or retract it back to 4 inches to save space when not in use.

5.4 Level Adjustment

After installation, you can fine-tune the level of your TV by $\pm 3^{\circ}$ to ensure it is perfectly horizontal.



Image: A split image demonstrating the swivel range ($+60^{\circ}/-60^{\circ}$) and tilt range ($+8^{\circ}/-12^{\circ}$) of the TV mount, allowing for versatile viewing angles and glare reduction.

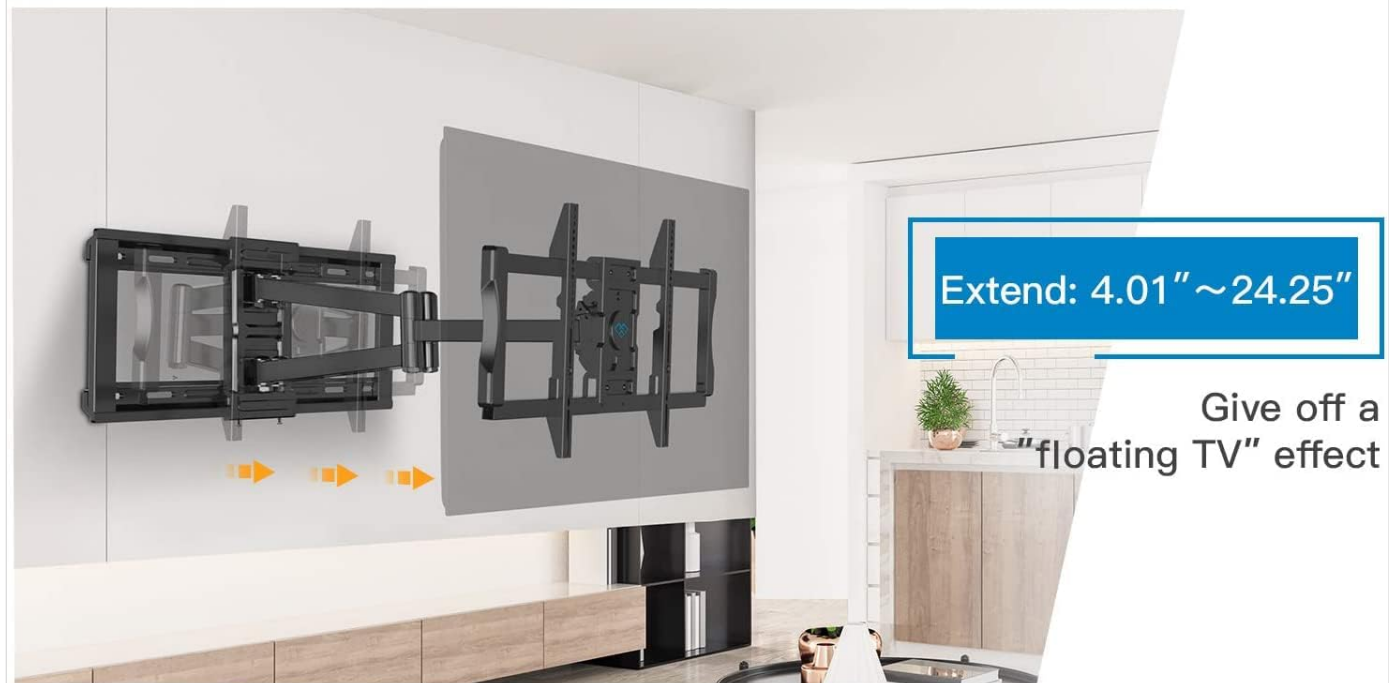


Image: An illustration showing the $\pm 3^\circ$ level adjustment capability for perfect horizontal alignment and the extension range of 4.01 to 24.25 inches, creating a "floating TV" effect.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and safe operation of your TV mount.

- **Cleaning:** Wipe the mount with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check all screws and connections to ensure they remain tight and secure. Re-tighten if necessary.
- **Movement:** If the mount's movement becomes stiff, a small amount of silicone-based lubricant can be applied to the articulating joints.

7. TROUBLESHOOTING

If you encounter any issues during or after installation, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
TV is not level.	Wall plate not level during installation, or fine-tuning needed.	Use the built-in level adjustment feature (+/-3°) to correct the tilt. Recheck wall plate level if necessary.
Mount feels loose or wobbly.	Screws not fully tightened, or incorrect wall anchors used.	Ensure all lag bolts securing the wall plate are fully tightened. Verify correct anchors for your wall type. Do not exceed weight capacity.
Difficulty moving the mount.	Joints are stiff, or TV weight is at the upper limit.	Apply a small amount of silicone-based lubricant to the articulating joints. Ensure TV weight is within limits.
Missing parts.	Packaging error.	Contact PERLESMITH customer service immediately.

8. SPECIFICATIONS

Key technical specifications for your PERLESMITH TV Wall Mount.

Feature	Specification
Brand	PERLESMITH
Mounting Type	Wall Mount
Movement Type	Articulating / Full Motion
Compatible TV Sizes (Mount 1)	32-60 inches
Weight Capacity (Mount 1)	Up to 88 lbs (40 kg)
Compatible TV Sizes (Mount 2)	37-85 inches
Weight Capacity (Mount 2)	Up to 132 lbs (60 kg)
VESA Compatibility (Mount 1)	100x100mm to 400x400mm
VESA Compatibility (Mount 2)	200x100mm to 600x400mm
Extension from Wall	4 inches (retracted) to 24.5 inches (extended)
Swivel Angle	+/- 60° (max, depends on TV size)
Tilt Angle	+8° to -12°
Level Adjustment	+/- 3°
Wall Plate Dimensions	11.81 x 2.75 inches (for the 88lbs mount)
Compatible Wall Types	16"-24" Wood Studs, Concrete, Brick

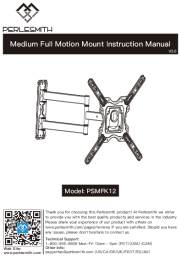
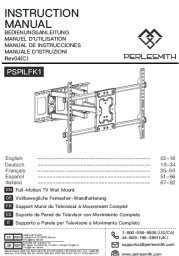
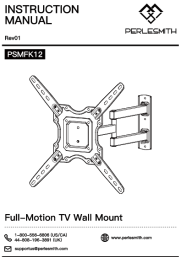

9. WARRANTY AND CUSTOMER SUPPORT

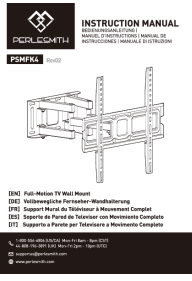

PERLESMITH is committed to providing high-quality products and excellent customer service. For warranty information, technical assistance, or any questions regarding your TV mount, please contact PERLESMITH customer support through

the retailer's platform or the official PERLESMITH website.

Please have your product model number (PSMFK12 / PSLF6) and purchase details ready when contacting support.

Related Documents - PSMFK12 / PSLF6 Series

	<p>Perlesmith PSMFK12 Medium Full Motion Mount Instruction Manual</p> <p>Comprehensive instruction manual for the Perlesmith PSMFK12 Medium Full Motion Mount, detailing installation steps, safety information, and compatibility checks for various TV VESA patterns and wall constructions.</p>
	<p>PERLESMITH PSPILFK1 Full-Motion TV Wall Mount Installation Guide</p> <p>PERLESMITH PSPILFK1 instruction manual for a full-motion TV wall mount. This guide details safe installation for TVs up to 132 lbs (60kg) on wood studs, concrete, and brick walls. Covers VESA compatibility, parts, and step-by-step assembly for optimal viewing.</p>
	<p>PERLESMITH PSMFK12 Full-Motion TV Wall Mount Instruction Manual</p> <p>Comprehensive instruction manual for the PERLESMITH PSMFK12 Full-Motion TV Wall Mount, covering installation, safety, and adjustment for TVs up to 77lbs with VESA patterns up to 400x400mm.</p>
	<p>Perlesmith PSLF6 TV Wall Mount Instruction Manual</p> <p>Comprehensive instruction manual for the Perlesmith PSLF6 TV Wall Mount, detailing installation steps, safety precautions, and compatibility information for various TV types and wall constructions.</p>

	<p>PERLESMITH PSMFK4 Full-Motion TV Wall Mount Installation Guide</p> <p>Comprehensive instruction manual for the PERLESMITH PSMFK4 Full-Motion TV Wall Mount, covering compatibility checks, parts identification, and step-by-step installation for various TV types and wall materials.</p>
	<p>PERLESMITH PSXLF01 Full-Motion TV Wall Mount Installation Manual</p> <p>Comprehensive instruction manual for the PERLESMITH PSXLF01 Full-Motion TV Wall Mount. Covers compatibility checks, parts list, and detailed step-by-step installation instructions for mounting on wood studs and solid concrete walls. Includes safety warnings and adjustment guides.</p>