

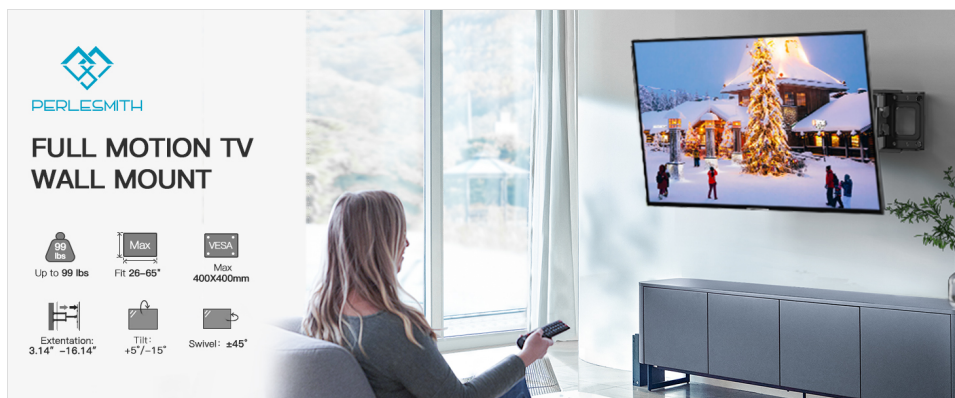
## PERLESMITH PSMFK4

# PERLESMITH Full Motion TV Wall Mount User Manual

Model: PSMFK4

## 1. INTRODUCTION

Thank you for choosing the PERLESMITH Full Motion TV Wall Mount. This manual provides detailed instructions for safe and proper installation, operation, and maintenance of your new TV wall mount. Please read this manual thoroughly before installation to ensure correct setup and to maximize the performance and longevity of your product.



This full motion TV wall mount is designed to securely hold 26-65 inch flat or curved screen televisions weighing up to 99 lbs (45 kg). It features dual articulating arms, allowing for tilt, swivel, and extension adjustments to achieve optimal viewing angles from anywhere in your room.

## 2. SAFETY INFORMATION

**WARNING:** Failure to read and follow all instructions, warnings, and cautions in this manual may result in serious personal injury, property damage, or voiding of your warranty.

- Do not install into drywall alone. This mount must be installed into wood studs, concrete, or brick walls.
- Ensure the mounting surface can safely support the combined weight of the mount and the television.
- Do not exceed the maximum weight capacity of 99 lbs (45 kg).
- Always use a stud finder to locate wood studs accurately.
- Verify the VESA pattern and size of your TV are compatible with the mount before installation.

- Use caution when drilling. Avoid electrical wires and plumbing.
- Always use two people for lifting and positioning the TV.
- Keep children and pets away during installation.

### 3. PACKAGE CONTENTS

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Please check to ensure all components are included and undamaged. If any parts are missing or defective, contact PERLESMITH customer service for assistance.



- Wall Plate Assembly
- TV Brackets (2x)
- Mounting Hardware Kit (various screws, washers, spacers, anchors)
- Bubble Level
- Cable Ties (5x)
- Installation Manual

### 4. TOOLS REQUIRED (NOT INCLUDED)

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- Stud Finder (for wood stud installation)
- Pencil
- Drill
- Drill Bits (specific sizes for wood studs or concrete/brick)
- Socket Wrench or Ratchet with appropriate socket size (for lag bolts)
- Phillips Head Screwdriver
- Hammer (for concrete anchors)

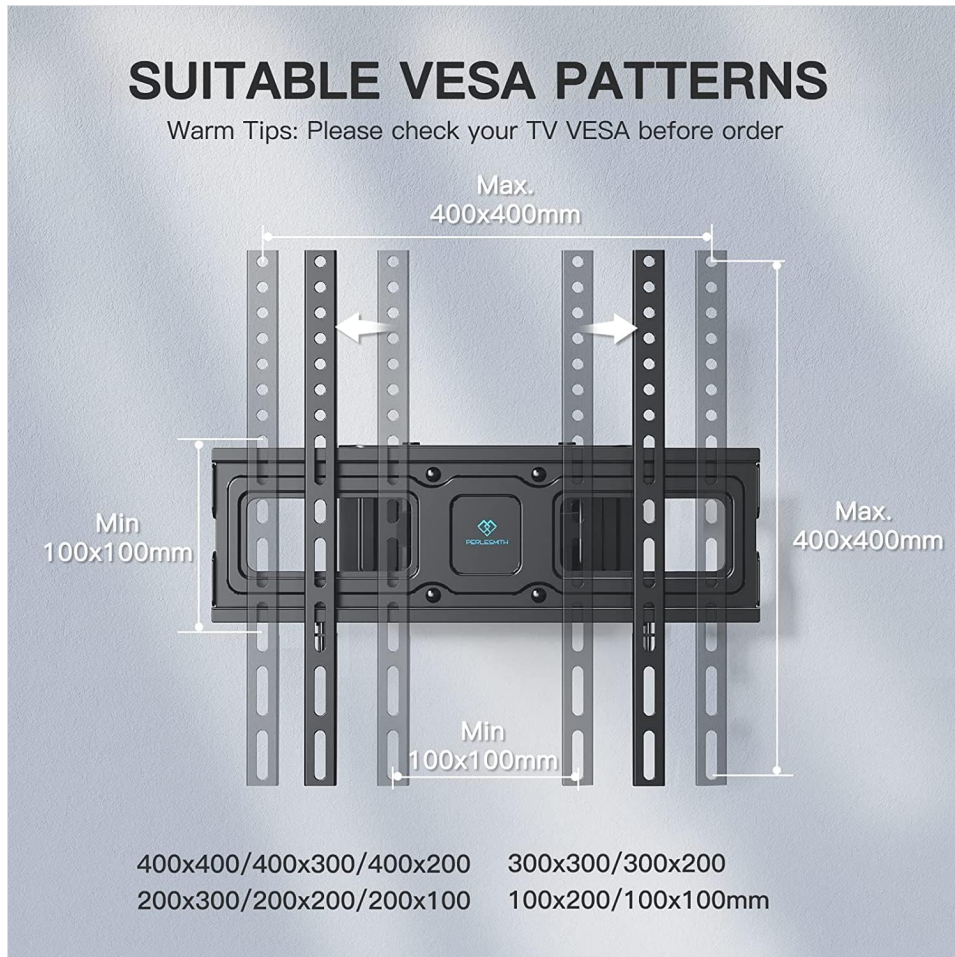
## 5. SETUP AND INSTALLATION

### 5.1 Before You Begin

Before starting the installation, it is crucial to confirm your TV's compatibility and identify your wall type.

#### TV Compatibility Check:

- **VESA Pattern:** Ensure your TV's VESA mounting holes are between 100x100mm and 400x400mm.
- **TV Size:** This mount is suitable for TVs from 26 to 65 inches.
- **TV Weight:** Your TV must weigh no more than 99 lbs (45 kg).



#### Wall Type Identification:

This mount can be installed on wood stud walls (8"-16" spacing), concrete walls, or brick walls **DO NOT** mount onto drywall alone.

## EASY TO INSTALL



Concrete Wall



Brick Wall



Wood Stud  
8"-16"



DO NOT Mount onto  
Drywall Alone!



### 1.WALL TYPES



Concrete  
Wall



Brick Wall



Wood Stud  
4" / 10"



DO NOT Mount On  
Drywall Alone !



### 2.TV SPECS

TV Size: 26"-65"  
Weight: Max.99 lbs



### 3.VESA RANGE

Max.: 400x400mm  
Min.: 100x100mm



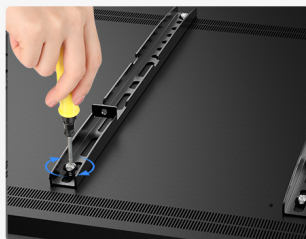
### 4.CABLES OUTLET

Potential Cable Blockage

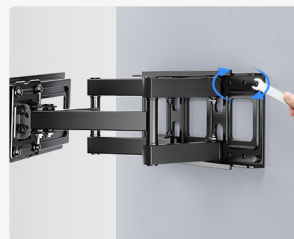
## 5.2 Step-by-Step Installation

Follow these steps carefully for a secure installation. It is recommended to have a second person assist you, especially when lifting the TV.

### 3-STEPS EASY INSTALLATION



1. Attach the TV Brackets to TV



2.Install the Wall Plate



3. Hang the TV

### Step 1: Attach the TV Brackets to Your TV

1. Carefully place your TV face-down on a soft, clean surface to prevent screen damage.

2. Identify the correct diameter and length of screws for your TV's mounting holes. Use the provided hardware kit. You may need spacers if your TV back is uneven or has recessed holes.
3. Attach the two vertical TV brackets to the back of your TV using the selected screws and washers. Ensure the brackets are centered and securely fastened. The hooks on the brackets should face upwards.

### Step 2: Install the Wall Plate

1. Determine the desired height for your TV. Mark the center of where the TV will be mounted on the wall.
2. Position the wall plate against the wall at the marked location. Use the included bubble level to ensure it is perfectly horizontal.
3. Mark the drilling locations through the holes on the wall plate.
4. **For Wood Studs:** Use a stud finder to locate the center of two adjacent wood studs (typically 16 inches apart). Drill pilot holes using the specified drill bit size (refer to manual for exact size). Secure the wall plate to the studs using the lag bolts and washers. Tighten firmly with a socket wrench.
5. **For Concrete/Brick Walls:** Drill pilot holes using the specified masonry drill bit size. Insert concrete anchors into the drilled holes. Secure the wall plate using the lag bolts and washers, tightening firmly.

### Step 3: Hang the TV

1. With the help of a second person, carefully lift the TV with the attached brackets.
2. Hook the TV brackets onto the wall plate. Ensure the TV is securely seated on the wall plate.
3. Locate the safety screws or locking mechanisms on the bottom of the TV brackets. Tighten these screws to secure the TV to the wall plate and prevent accidental dislodgement.

## 6. OPERATING INSTRUCTIONS

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Your PERLESMITH Full Motion TV Wall Mount allows for flexible adjustments to optimize your viewing experience.

### 6.1 Adjusting Tilt

The mount allows for a tilt range of +5° to -12° to reduce glare and find the perfect vertical viewing angle.

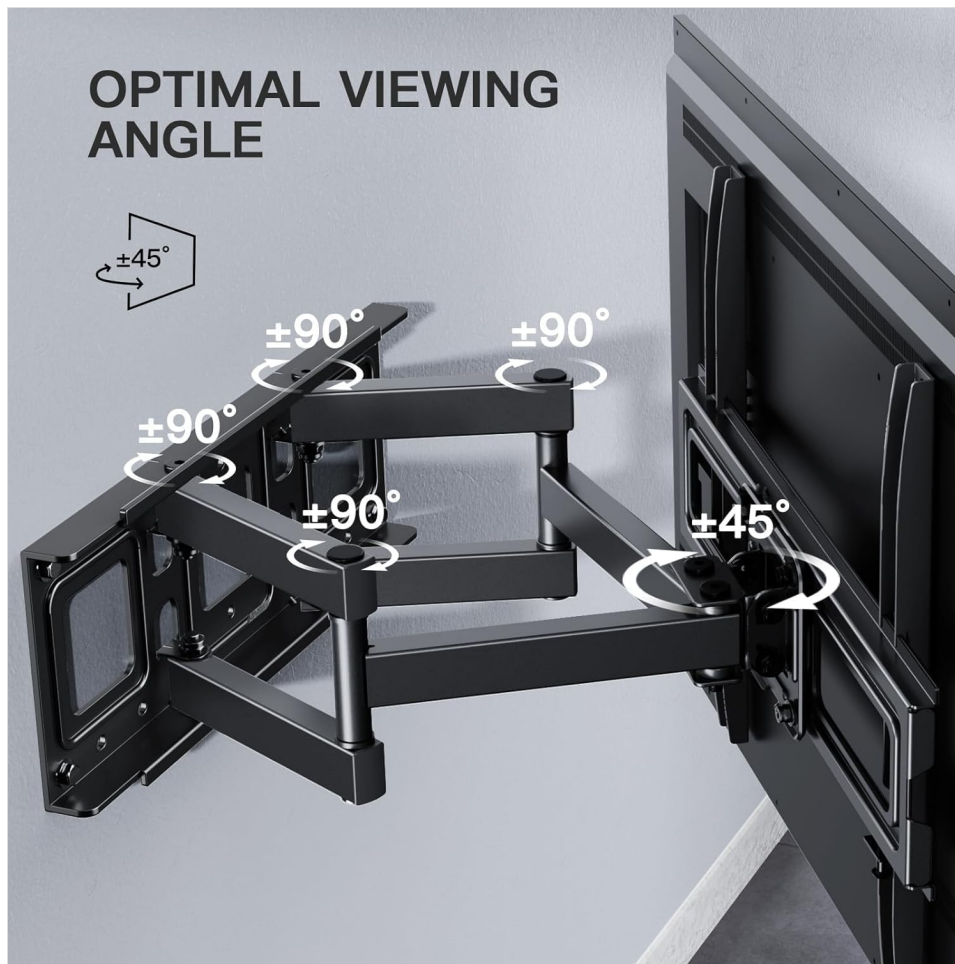




To adjust the tilt, loosen the tilt knobs or bolts on the TV brackets (if applicable), adjust the TV to the desired angle, and then re-tighten the knobs/bolts to secure the position.

## 6.2 Adjusting Swivel

The dual articulating arms allow for a horizontal swivel of up to  $\pm 45^\circ$  (depending on TV size) to view from different seating positions.



Gently push or pull the TV to the desired swivel angle. The articulating arms will move smoothly. Ensure cables are not pinched or strained during adjustment.

### 6.3 Extending and Retracting

The mount can extend from a minimum of 3.2 inches (8.1 cm) from the wall to a maximum of 16.2 inches (41.1 cm).



To extend or retract the TV, gently pull or push the TV away from or towards the wall. The arms will articulate to allow movement.

## 7. MAINTENANCE

Regular maintenance helps ensure the safe and proper functioning of your TV wall mount.

- **Periodically Check Connections:** Every few months, check all screws and bolts to ensure they are securely tightened. Do not overtighten.
- **Clean the Mount:** Wipe the mount with a soft, dry cloth to remove dust. Do not use abrasive cleaners or solvents.
- **Inspect for Damage:** Regularly inspect the mount for any signs of wear, damage, or deformation. If any issues are found, discontinue use and contact customer support.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
TV is not level after installation.	Wall plate not level; TV brackets not adjusted.	Use the built-in level adjustment feature ( $\pm 3^\circ$ ) on the mount to fine-tune the TV's horizontal position. If the wall plate is significantly off, you may need to re-install.



Problem	Possible Cause	Solution
Mount feels loose or unstable.	Lag bolts not fully tightened; incorrect wall type; TV weight exceeds capacity.	Ensure all lag bolts are securely tightened into studs or concrete. Verify wall type is suitable. Confirm TV weight is within the mount's capacity.
Cannot tilt or swivel the TV.	Tilt/swivel bolts are too tight; cables are obstructing movement.	Loosen the tilt adjustment bolts slightly. Check for any cables or obstructions preventing movement.
Missing parts from package.	Packaging error.	Contact PERLESMITH customer service immediately for replacement parts.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	PSMFK4
Compatible TV Sizes	26 - 65 inches
Weight Capacity	Up to 99 lbs (45 kg)
VESA Compatibility	100x100mm to 400x400mm
Tilt Angle	+5° to -12°
Swivel Angle	±45° (max, depends on TV size)
Level Adjustment	±3°
Extension from Wall	3.2 inches (8.1 cm) to 16.2 inches (41.1 cm)
Material	Alloy Steel
Mounting Type	Wall Mount (Wood Stud, Concrete, Brick)
UPC	713721599509

## 10. WARRANTY AND SUPPORT

PERLESMITH is committed to providing high-quality products and reliable after-sales support. While specific warranty details may vary by region, we stand behind the quality of our products.

If you have any questions, require assistance with installation, or need to report a missing/defective part, please do not hesitate to contact our customer support team. For the quickest service, please have your model number (PSMFK4) and purchase information ready.

You can typically find contact information for PERLESMITH customer service on the product packaging, our official website, or through the retailer where you purchased the product.

