

Pipishell PILF12-CA

Pipishell Full Motion TV Wall Mount User Manual

Model: PILF12-CA

INTRODUCTION

Thank you for choosing the Pipishell Full Motion TV Wall Mount. This manual provides detailed instructions for safe installation, operation, and maintenance of your new TV mount. Please read this manual thoroughly before installation to ensure correct setup and to maximize the lifespan of your product. Keep this manual for future reference.

PRODUCT OVERVIEW & FEATURES

The Pipishell Full Motion TV Wall Mount is designed to provide a versatile and secure mounting solution for your television. Its robust construction and adjustable features offer an optimal viewing experience.

Key Features:

- **Wide Compatibility:** Supports most 42"–85" TVs up to 132 lbs with VESA mounting patterns from 200x100mm to 600x400mm.
- **Full Motion Adjustments:** Features enhanced hinges for smooth flexibility, allowing 2.79"–16.54" extension, +/-45° swivel, and +5°/-15° tool-free tilt.
- **Reliable Stability:** Engineered with thicker arms and crafted from high-quality alloy steel for maximum durability and solid support.
- **Hassle-Free Installation:** Includes a drilling template, detailed instructions, and standard mounting hardware. Allows for +/-3° post-installation leveling.



Figure 1: Pipishell Full Motion TV Wall Mount with included level and cable ties.

STEADY TV SUPPORT



Figure 2: Illustration of the mount's steady support for TVs up to 132 lbs, featuring UL listing.



Figure 3: Demonstrates the mount's extension from 2.79 inches to 16.54 inches and tool-free tilt range of +5° to -15°.

COMPATIBILITY

This TV mount is designed for broad compatibility with various television models and wall types.

TV Size and Weight:

- **Compatible TV Sizes:** 42 inches to 85 inches

- **Maximum Load Capacity:** 132 lbs (60 kg)

VESA Mounting Patterns:

The mount supports VESA patterns ranging from 200x100mm (min) to 600x400mm (max). Common supported patterns include:

- 200x100mm, 200x200mm, 200x300mm, 200x400mm
- 300x200mm, 300x300mm
- 400x200mm, 400x300mm, 400x400mm
- 500x400mm
- 600x400mm

Wall Types:

The mount can be installed on:

- 8", 12", or 16" wood studs
- Solid concrete walls (anchors required)
- Brick walls (anchors required)

Important: Do not mount on drywall alone. Drywall cannot support the weight of the TV and mount.

WIDE TV COMPATIBILITY



FITS TVs
42"–85"



MAX LOAD
132 LBS

WALL STUDS

CONCRETE

BRICK



8"

12"

16"

VESA PATTERNS

600x400mm	500x400mm	400x400mm	400x300mm
400x200mm	300x300mm	300x200mm	200x400mm
200x300mm	200x200mm	200x100mm	

Figure 4: Visual guide to TV size, max load, VESA patterns, and compatible wall types (wood studs, concrete, brick).

PACKAGE CONTENTS

Please verify that all components are present before beginning installation. If any parts are missing or damaged, contact customer support.

- Wall Plate Assembly

- TV Brackets (2 pieces)
- Mounting Hardware Kit (various screws, washers, spacers for TV and wall)
- Drilling Template
- Bubble Level
- Cable Ties
- Instruction Manual

SAFETY INFORMATION

Improper installation can result in serious injury or damage. Please adhere to the following safety guidelines:

- **Weight Capacity:** Do not exceed the maximum weight capacity of 132 lbs (60 kg).
- **Wall Type:** Only install on wood studs, solid concrete, or brick walls. Never install on drywall alone.
- **Professional Assistance:** If you are unsure about the installation process or wall type, consult a qualified professional.
- **Tools:** Use appropriate tools and wear safety gear (e.g., eye protection) during installation.
- **Children:** Keep children and pets away from the installation area.
- **Damage:** Do not use the mount if any parts are damaged. Contact customer support for replacements.

SETUP AND INSTALLATION

Follow these steps carefully for a secure installation. It is recommended to have at least two people for installation, especially when mounting the TV.

Tools Required (Not Included):

- Pencil
- Stud Finder (for wood stud installation)
- Drill with appropriate drill bits (e.g., 1/2 inch for concrete, 7/32 inch for wood studs)
- Socket Wrench or Adjustable Wrench
- Phillips Head Screwdriver
- Hammer (for concrete anchors)

Installation Steps:

1. Step 1: Attach Brackets to Your TV

Carefully place your TV face down on a soft, clean surface. Identify the VESA mounting holes on the back of your TV. Select the correct screws, washers, and spacers from the hardware kit that fit your TV. Attach the two vertical TV brackets to the back of your TV using the selected hardware. Ensure the brackets are securely fastened and evenly spaced.

2. Step 2: Mount Arm Assembly on Wall

Determine the desired height for your TV. Use a stud finder to locate the center of two adjacent wood studs if installing on wood. For concrete/brick, mark the desired drilling points. Use the provided drilling template to

mark the pilot holes on the wall. Drill the pilot holes to the appropriate depth and diameter for your wall type. Secure the wall plate assembly to the wall using the lag bolts and washers. For concrete/brick, insert concrete anchors into the pilot holes before securing the lag bolts. Ensure the wall plate is level using the included bubble level.

3. Step 3: Hang TV on the Arm Assembly

With assistance, carefully lift the TV with the attached brackets and hook them onto the wall plate assembly. Ensure the TV brackets are properly seated on the wall plate. Secure the TV to the mount using the safety screws or locking mechanisms provided. This prevents accidental dislodging.

4. Step 4: Post-Installation Leveling (Optional)

After the TV is mounted, you can make minor horizontal adjustments ($\pm 3^\circ$) to ensure perfect leveling. Refer to the mount's specific leveling mechanism, usually a screw or knob on the TV brackets.



Figure 5: Simplified diagram showing the three main installation steps: Attach brackets to TV, mount arm assembly on wall, and hang TV on arm assembly.

OPERATING INSTRUCTIONS

Your Pipishell Full Motion TV Wall Mount allows for various adjustments to achieve the best viewing angle.

Extension and Retraction:

Gently pull or push the TV from the sides to extend it up to 16.54 inches from the wall or retract it to a minimum distance of 2.79 inches. Ensure smooth movement and avoid sudden forceful actions.

Swivel Adjustment:

The mount allows for a $\pm 45^\circ$ swivel. Gently push the TV screen to the left or right to adjust the viewing angle. The enhanced hinges ensure smooth and controlled movement.



Figure 6: Illustration of the $\pm 45^\circ$ swivel capability and enhanced hinge for smooth motion.

Tilt Adjustment:

Adjust the vertical tilt of your TV from +5° (upward) to -15° (downward) to reduce glare or optimize viewing. This is a tool-free adjustment, typically involving a friction gear or knob on the TV brackets. Loosen, adjust, and then tighten to secure the desired tilt angle.



Figure 7: Demonstrates the +/-3° post-installation leveling feature, allowing fine-tuning of the TV's horizontal position.

MAINTENANCE

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

- **Cleaning:** Wipe the mount with a soft, dry cloth to remove dust. Do not use abrasive cleaners or solvents.
- **Periodic Checks:** Periodically check all screws and bolts to ensure they are tight and secure. Over time, vibrations or adjustments can cause them to loosen.
- **Movement:** If the mount's movement becomes stiff, apply a small amount of silicone-based lubricant to the articulating joints. Avoid oil-based lubricants.
- **Damage Inspection:** Regularly inspect the mount for any signs of wear, corrosion, or damage. If any issues are found, discontinue use and contact customer support.

TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
TV is not level after installation.	Wall plate not perfectly level, or minor shift during hanging.	Use the post-installation leveling feature (+/-3°) to adjust the TV's horizontal position.
Mount feels loose or wobbly.	Mounting bolts to the wall or TV are not sufficiently tightened.	Carefully re-tighten all mounting bolts to the wall and the screws attaching the brackets to the TV. Do not overtighten.
Difficulty adjusting tilt or swivel.	Friction mechanism is too tight, or joints need lubrication.	For tilt, ensure the tool-free tilt mechanism is disengaged before adjusting. For swivel, apply a small amount of silicone-based lubricant to the articulating joints if movement is stiff.
Missing parts from package.	Packaging error.	Contact Pipishell U.S.-based customer support immediately for assistance.

SPECIFICATIONS

Brand	Pipishell
Model	PILF12-CA
Compatible TV Sizes	42 - 85 Inches
Maximum Load Capacity	132 lbs (60 kg)
VESA Compatibility	Min: 200x100mm, Max: 600x400mm
Material	Alloy Steel

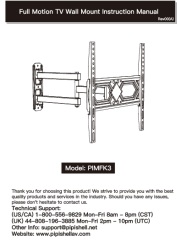
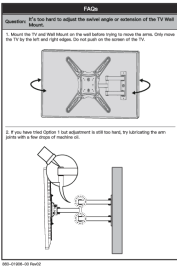
Movement Type	Full Motion / Leveling
Tilt Angle	+5° / -15°
Swivel Angle	+/-45°
Extension from Wall	2.79 - 16.54 Inches
Post-Installation Leveling	+/-3°
Product Dimensions	25.4 x 5.08 x 6.86 cm
Item Weight	6.03 kg

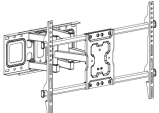
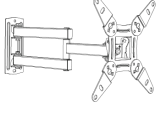
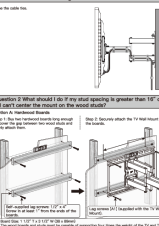
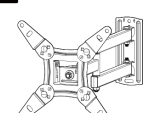
WARRANTY AND SUPPORT

Pipishell is committed to ensuring your satisfaction with our products. We offer U.S.-based product support to assist with any questions or concerns you may have regarding installation or product selection. For assistance, please refer to the contact information provided with your purchase or visit the official Pipishell website.

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Related Documents - PILF12-CA

	<p>Pipishell PIMFK3 Full Motion TV Wall Mount Instruction Manual</p> <p>Comprehensive instruction manual for the Pipishell PIMFK3 Full Motion TV Wall Mount. Learn how to safely install and adjust your TV mount for optimal viewing.</p>
	<p>Pipishell TV Wall Mount Adjustment Troubleshooting Guide</p> <p>Troubleshoot common issues with your Pipishell full-motion TV wall mount, including how to adjust swivel angle and extension. Learn step-by-step solutions for stiff joints and movement problems.</p>

<div><div>INSTRUCTION MANUAL</div><div>Pipishell</div><div>PILFK1</div><div></div><div>Full-Motion TV Wall Mount</div><div><div>1-800-555-1000</div><div>1-800-555-1000</div><div>support@pipishell.com</div><div>www.pipishell.com</div></div></div>	<p>Pipishell PILFK1 Full-Motion TV Wall Mount Instruction Manual</p> <p>Comprehensive installation guide for the Pipishell PILFK1 full-motion TV wall mount. Covers VESA compatibility, weight limits, wall type requirements, parts list, step-by-step assembly, safety information, and FAQs for TVs up to 132 lbs.</p>
<div><div>Pipishell</div><div>Installation Instruction</div><div></div><div>PISF1</div><div><p>Thank you for choosing our product. We strive to provide the best quality and service for our customers. Would you kindly share your experience and feedback if you are satisfied? Should you have any queries, please don't hesitate to contact us.</p><p>Telephone: 1-800-555-1000 Mon-Fri 9am-5pm (PST/EST/CDT) Email: support@pipishell.com 1-800-555-1000 (PST/EST/CDT)</p></div></div>	<p>Pipishell PISF1 TV Wall Mount Installation Guide</p> <p>Comprehensive installation instructions for the Pipishell PISF1 TV wall mount, covering VESA measurement, hardware selection, wall plate mounting (concrete and wood studs), and TV attachment. Includes safety warnings and parts list.</p>
<div><div>FAQs</div><div></div><div>14</div></div>	<p>Pipishell TV Wall Mount FAQs and Installation Guide</p> <p>Find answers to common questions about Pipishell TV wall mounts, including cable management, installation on different wall types, height adjustment, and troubleshooting. Learn how to install and adjust your Pipishell TV mount.</p>
<div><div>INSTRUCTION MANUAL</div><div>Pipishell</div><div>PISF1</div><div></div><div>Full-Motion TV Wall Mount</div><div><div>1-800-555-1000</div><div>1-800-555-1000</div><div>support@pipishell.com</div><div>www.pipishell.com</div></div></div>	<p>Pipishell PISF1 Full-Motion TV Wall Mount Installation Guide</p> <p>Detailed installation guide for the Pipishell PISF1 Full-Motion TV Wall Mount. Covers safety, parts, and step-by-step assembly for VESA 200x200mm, 44 lbs capacity TVs.</p>