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Perlegear PGLF24B

Perlegear TV Wall Mount Instruction Manual

Model: PGLF24B

1. Product Overview

The Perlegear TV Wall Mount (Model PGLF24B) is designed to securely hold flat-panel televisions ranging from 42 to 84 inches. This full-motion mount provides extensive flexibility, allowing you to optimize your viewing experience from various angles and locations within a room. Its robust construction ensures stability and durability for long-term use.



Image 1.1: Overview of the Perlegear TV Wall Mount, showcasing its extended arm and TV mounting plate.

Key Features:

- **Wide Compatibility:** Supports most 42-84 inch TVs with VESA mounting patterns from 200x100mm to 600x400mm. Suitable for installation on brick, solid concrete, or wood stud walls. *Not recommended for plasterboard alone.*
- **Ultimate Flexibility:** Extends up to 943mm (37.1 inches) from the wall and retracts to a slim 66mm (2.6 inches). Offers a full ±90° swivel, +5°/-15° tool-free tilt, and ±3° post-installation leveling adjustment.

- **Stability and Durability:** Constructed from thick, high-strength alloy steel with a reinforced wall plate and heavy-duty hinges, supporting TVs up to 60 kg (132 lbs).
- **Ideal for Corner Mounting:** The flexible, articulated arm design allows for optimal TV placement even in corners, maximizing room utility.
- **Easy Setup:** Includes detailed instructions, pre-labelled accessories, and a drilling template for straightforward installation.



Image 1.2: The Perlegear TV mount providing an effective solution for corner TV placement.

2. Safety Information

Please read all instructions carefully before installation and assembly. If you do not understand these instructions or have doubts about the safety of the installation, please contact a qualified installer. Improper installation may cause serious injury or damage.

- Do not exceed the maximum load capacity of 60 kg (132 lbs).

- Ensure the mounting surface (wall) can safely support the combined weight of the mount and the television.
- Always use the provided hardware. If any parts are missing or defective, contact Perlegear customer support.
- This product is intended for indoor use only.
- Keep children and pets away during installation.
- Wear appropriate safety gear, including eye protection, during drilling and installation.
- Verify the wall structure (wood stud, concrete, brick) before drilling. Do not install on drywall/plasterboard alone.
- Two people are recommended for installation, especially when lifting and mounting the television.

3. Package Contents

Verify that all components are present and undamaged before beginning installation. Refer to the parts list in your physical manual for specific quantities and identifiers.



Image 3.1: The product packaging for the Perlegear Full-Motion TV Wall Mount, Model PGLF24B.

The package typically includes:

- Wall Plate Assembly
- TV Bracket Arms (x2)
- Various Wall Mounting Hardware (lag bolts, concrete anchors, washers)
- Various TV Mounting Hardware (M4, M6, M8 screws, spacers, washers)
- Drilling Template

- Small Spirit Level
- Instruction Manual

4. Installation Guide

This section provides step-by-step instructions for mounting your Perlegear TV wall mount. Ensure you have the necessary tools before starting (e.g., drill, stud finder, tape measure, pencil, socket wrench).

4.1. Wall Type Verification and Preparation

Identify your wall type to select the correct mounting hardware and procedure.



Image 4.1.1: Wall compatibility types (Brick, Solid Concrete, Wood Wall) and supported VESA patterns with maximum weight capacity (68 kg).

1. **Wood Stud Wall:** Use a stud finder to locate the center of the wood studs. Mark the drilling locations. Ensure the mount is centered on at least two studs.

2. **Solid Concrete/Brick Wall:** Use a concrete drill bit and concrete anchors. Mark the drilling locations.
3. **Important:** Do not install on drywall or plasterboard without wood studs or concrete behind it.

4.2. Attaching the Wall Plate to the Wall

1. Position the drilling template at your desired TV height on the wall. Use the included spirit level to ensure it is perfectly horizontal. Mark the drill holes with a pencil.
2. Drill pilot holes at the marked locations. For wood studs, use a 5.5mm (7/32") drill bit. For concrete/brick, use a 10mm (3/8") drill bit and insert concrete anchors.
3. Align the wall plate with the drilled holes. Secure the wall plate to the wall using the appropriate lag bolts and washers. Tighten all bolts firmly but do not overtighten.



Image 4.2.1: Detail of the mount's robust wall plate and arm connection, emphasizing stability.

4.3. Attaching TV Brackets to the Television

1. Lay your TV face down on a soft, clean surface to prevent scratches.
2. Identify the VESA mounting holes on the back of your TV. Select the correct diameter and length of TV screws (M4, M6, or M8) that fit your TV. Use spacers if the TV back is uneven or if the screws are too long.

3. Attach the two vertical TV bracket arms to the back of your TV using the selected screws and washers. Ensure the hooks on the bracket arms are facing upwards and the arms are centered on the TV.

4.4. Hanging the Television on the Wall Plate

1. With assistance, carefully lift the television with the attached brackets.
2. Hook the TV bracket arms 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 bracket arms. Tighten these screws to secure the TV to the wall plate and prevent accidental dislodgement.

5. Operation

Once installed, your Perlegear TV wall mount offers various adjustments for optimal viewing.

5.1. Extension and Retraction

Gently pull or push the TV to extend it up to 943mm (37.1 inches) from the wall or retract it to a minimum distance of 66mm (2.6 inches). Ensure cables are not pinched or strained during movement.



Image 5.1.1: Illustration of the mount's extra-long extension and compact retraction capabilities.

5.2. Swivel Adjustment

The mount allows for a full ±90° swivel (left/right) depending on TV size and wall clearance. Gently pivot the TV to achieve your desired viewing angle.



Image 5.2.1: Demonstration of the mount's flexible screen positioning through its ±90° swivel range.

5.3. Tilt Adjustment

The mount features a tool-free tilt mechanism, allowing you to adjust the vertical viewing angle from +5° (upwards) to -15° (downwards) to reduce glare or optimize viewing from different heights.



Image 5.3.1: Visual representation of the tool-free tilt adjustment and the ±3° leveling capability.

5.4. Leveling Adjustment

After installation, if the TV is not perfectly level, you can make a fine adjustment of ±3° by loosening the leveling screws on the TV bracket arms, adjusting the TV, and then re-tightening the screws.

6. Maintenance

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

- **Cleaning:** Wipe the mount with a soft, dry cloth. 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 frequent adjustments can cause them to loosen.
- **Lubrication:** The moving parts are designed for smooth operation and generally do not require lubrication. If movement becomes stiff, consult customer support.
- **Damage Inspection:** Inspect the mount for any signs of damage, wear, or corrosion. If any issues are found,

discontinue use and contact customer support.

7. Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
TV is not level after installation.	Initial leveling was not precise, or minor settling occurred.	Use the ±3° leveling adjustment feature on the TV bracket arms. Loosen the leveling screws, adjust, and re-tighten.
Mount feels loose on the wall.	Wall bolts are not sufficiently tightened, or wall material is inadequate.	Carefully re-tighten all wall mounting bolts. If the wall material is compromised, consult a professional for reinforcement or relocation.
TV does not swivel/tilt smoothly.	Joints may be stiff or require minor adjustment.	Ensure no cables are obstructing movement. Check for any overtightened bolts on the articulating arms. If issues persist, contact customer support.
Missing parts.	Packaging error.	Do not proceed with installation. Contact Perlegear customer support immediately for replacement parts.

8. Specifications

Brand	Perlegear
Model Number	PGLF24B
Compatible TV Sizes	42 - 84 Inches
VESA Compatibility	200x100mm to 600x400mm
Weight Capacity	Up to 60 kg (132 lbs)
Extension from Wall	66mm (retracted) to 943mm (extended)
Swivel Range	±90°
Tilt Range	+5° to -15°
Leveling Adjustment	±3°
Material	Alloy Steel
Product Dimensions	43.5 x 34 x 8.5 cm (packaged)
Product Weight	6.5 kg
UPC	840478807882, 840478807851

9. Warranty and Support

Perlegear provides a **5-Year Warranty** for this TV wall mount, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For technical assistance, missing parts, or warranty inquiries, please contact Perlegear customer support through their official website or the contact information provided in your product packaging.
You can also refer to the official Perlegear website for additional resources and FAQswww.perlegear.com

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