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› [Perlegear](#) /

› [Perlegear Electric Ceiling TV Mount PGCM10 Instruction Manual](#)

Perlegear PGCM10

Perlegear Electric Ceiling TV Mount PGCM10 Instruction Manual

Model: PGCM10

INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your Perlegear Electric Ceiling TV Mount (Model PGCM10). Please read this manual thoroughly before installation and retain it for future reference. This motorized mount is designed for flat or curved screen TVs ranging from 32 to 70 inches, with a maximum weight capacity of 88 lbs and VESA mounting patterns from 200x100mm to 600x400mm.

IMPORTANT SAFETY INFORMATION

WARNING: Failure to read and follow all instructions may result in personal injury, property damage, or voiding of warranty. If you do not understand these instructions or have doubts about the safety of the installation, please contact customer support.

- Do not install on sloped ceilings. This mount is designed for flat roofs or concrete ceilings only.
- Ensure the mounting surface can safely support the combined weight of the mount and the TV.
- Use only the provided hardware. If any parts are missing or defective, contact Perlegear customer support.
- Do not exceed the maximum weight capacity of 88 lbs (40 kg).
- This product contains small items that could be a choking hazard if swallowed. Keep away from children.
- Always use a stud finder to locate wood joists or ensure concrete is suitable for drilling.
- Two people are recommended for installation to ensure safety.

PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.



Image: All components of the Perlegear Electric Ceiling TV Mount, including the main motorized unit, remote control, and various hardware bags.

- Motorized Ceiling Mount Unit
- TV Bracket Assembly (various parts)
- Remote Control (requires 2 AAA batteries, not included)
- Power Adapter
- Hardware Kit (bolts, washers, spacers, Allen key, wrench)
- Drilling Template

SPECIFICATIONS

| Feature | Detail |
|------------------------|-----------------------------------|
| Model Number | PGCM10 |
| TV Size Compatibility | 32" - 70" Flat and Curved Screens |
| Maximum Load Capacity | 88 lbs (40 kg) |
| VESA Mounting Patterns | 200x100mm to 600x400mm |
| Tilt Adjustment | 0° - 75° |
| Leveling Adjustment | ±2° (Manual) |
| Full Expansion Time | 32 seconds |
| Motor Power | 150W |
| Material | Alloy Steel |
| Remote Control Range | Up to 33 ft |



Image: Visual summary of compatibility: TV size 32"-70", Max VESA 600x400mm, Min VESA 200x100mm, Max Load 88 lbs. Compatible with wood joist and wood wall installations.

SETUP AND INSTALLATION

Before beginning, ensure you have all necessary tools and that the mounting location is suitable. This mount is not compatible with sloped ceilings.

Step 1: Function Test

Before full installation, perform a function test to ensure the motorized unit is working correctly.

1. Connect the power adapter to the motorized ceiling mount unit.
2. Plug the power adapter into a power outlet.

3. Insert 2 AAA batteries (not included) into the remote control.
4. Use the remote control to extend and retract the mount. Verify smooth operation.

Your browser does not support the video tag.

Video: An official Perlegear video demonstrating the motorized extension and retraction of the ceiling TV mount, highlighting its smooth operation.

Step 2: Attach the TV Bracket Assembly

Assemble the TV bracket arms to the center plate using the provided bolts and nuts. Ensure all connections are secure.

ENHANCED MOTOR POWER

32s
Full Expansion

20,000
Cycle Tests



Image: The TV bracket assembly process, showing the attachment of the horizontal arms to the central plate.

Step 3: Attach the TV Bracket Assembly to Your TV

Depending on your TV's back panel design (flat or curved/with a bump), select the appropriate mounting option and use the correct screws and spacers from the hardware kit. Ensure the bracket is centered and securely fastened to the TV's VESA holes.

WIDE COMPATIBILITY



Max Load

88
LBS

VESA Patterns

| | | |
|------------------|-----------|-----------|
| 600×400mm | 500×400mm | 400×400mm |
| 400×300mm | 400×200mm | 300×400mm |
| 300×300mm | 300×200mm | 200×400mm |
| 200×300mm | 200×200mm | 200×100mm |

Image: Diagram illustrating the wide compatibility of the mount with various TV sizes (32"-70") and VESA patterns, along with the maximum load capacity of 88 lbs.

Your browser does not support the video tag.

Video: Official Perlegear installation video for the PGCM10, demonstrating how to attach the TV bracket assembly to the TV, including options for flat and curved back TVs.

Step 4: Attach the Mount to the Ceiling

Locate the wood joists or suitable concrete area in your ceiling. Use the drilling template to mark pilot holes. Secure the

main ceiling mount unit using the appropriate lag bolts for your ceiling type. Ensure the mount is firmly attached and level.

- **For Wood Joists:** Use a stud finder to locate the center of the wood joists. Mark and drill pilot holes. Secure the mount with lag bolts.
- **For Concrete Ceilings:** Use a concrete drill bit to drill pilot holes. Insert concrete anchors (not included, but typically required for concrete installations) and then secure the mount with lag bolts.



Image: The motorized ceiling mount securely installed, demonstrating its robust construction and ability to support a TV.

Step 5: Hang the TV on the Ceiling Mount

Carefully lift the TV (with the attached bracket) and align the keyhole slots on the TV bracket with the corresponding bolts on the ceiling mount. Slide the TV into place and ensure it is securely seated. Partially tighten the bolts to allow for level adjustment.



Image: The TV is shown attached to the ceiling mount, demonstrating its ability to extend and retract, and highlighting the 75-degree tilt and $\pm 2^\circ$ leveling features.

Step 6: Level Adjustment

Before fully tightening the bolts, use the manual $\pm 2^\circ$ leveling feature to fine-tune your TV's horizontal position. Once level, fully tighten all bolts to secure the TV in place.

Step 7: Cable Management

Organize and secure all cables using the provided cable straps. This prevents cables from interfering with the motorized mechanism and ensures a clean, tidy appearance.



Image: A comparison illustrating effective cable management with the Perlegear mount, showing neatly secured cables, versus a cluttered appearance with unmanaged cables.

OPERATING INSTRUCTIONS

The Perlegear Electric Ceiling TV Mount is operated using the included remote control.

1. **Extend/Retract:** Press the **UP** or **DOWN** buttons on the remote to extend or retract the TV. The mount offers a full expansion in approximately 32 seconds.
2. **Tilt Adjustment:** The mount allows for a tilt range of 0° to 75° . Use the remote control to adjust the tilt angle to your preferred viewing position.
3. **Stopping at Any Angle:** You can stop the movement at any desired angle by pressing any button on the remote during extension or retraction.
4. **Manual Leveling:** After installation, if minor leveling adjustments are needed, use the manual $\pm 2^\circ$ leveling feature on the TV bracket.

REINFORCED STABILITY



Image: The remote control in use, demonstrating its sensitive operation and 33 ft range to adjust the TV's tilt from the ceiling.

MAINTENANCE

- Regularly check that all screws and connections are tight and secure.
- Clean the mount and TV with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Do not lubricate the motorized parts unless specifically instructed by Perlegear customer support.
- Ensure cables remain properly managed and do not interfere with moving parts.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-----------------------------------|--|---|
| Mount does not respond to remote. | Dead batteries in remote, power not connected. | Replace remote batteries. Check power adapter connection to mount and outlet. |
| Mount movement is jerky or stops. | Obstruction, overloaded weight. | Check for any obstructions. Ensure TV weight does not exceed 88 lbs. |
| TV is not level. | Leveling bolts not adjusted correctly. | Adjust the manual $\pm 2^{\circ}$ leveling bolts on the TV bracket. |

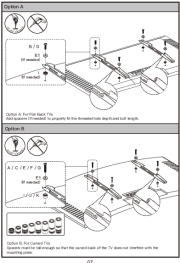
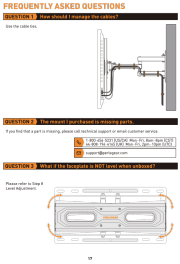
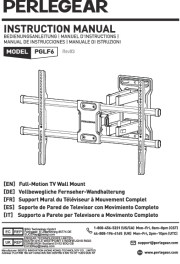
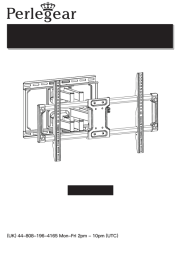
WARRANTY AND CUSTOMER SUPPORT

Perlegear offers a comprehensive warranty for its products. For specific warranty details, product support, or any questions regarding installation or operation, please contact our U.S.-based product support team. Refer to the product packaging or the official Perlegear website for current contact information.

Contact: Please refer to the Perlegear official website or your purchase documentation for the most up-to-date customer support contact details.

Related Documents - PGCM10

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|--|--|
| <div> <div> <div>INSTRUCTION MANUAL</div> <div>PERLEGEAR</div> <div>PGLT5</div> <div> </div> </div> </div> | <div> PERLEGEAR PGLT5 Tilting TV Wall Mount Instruction Manual </div> <div> <p>Comprehensive instruction manual for the PERLEGEAR PGLT5 tilting TV wall mount. Covers safety information, compatibility checks, parts list, step-by-step installation for various wall types, TV attachment, tilt adjustment, removal, and FAQs. Designed for TVs up to 82 inches and 60kg, supporting VESA patterns up to 600x400mm.</p> </div> |
| <div> <div> <div>PERLEGEAR</div> <div>FLOOR TV STAND INSTRUCTION MANUAL</div> <div>PGFS09</div> <div> </div> </div> </div> | <div> Perlegear PGFS09 Floor TV Stand Instruction Manual </div> <div> <p>Comprehensive instruction manual for the Perlegear PGFS09 Floor TV Stand, detailing assembly, compatibility checks, and safety guidelines for mounting TVs from 32 to 70 inches.</p> </div> |

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|---|---|
|  | <p>Perlegear Mobile TV Stand Assembly and User Manual</p> <p>Comprehensive guide for assembling and using the Perlegear Mobile TV Stand, a rolling TV cart designed for 55-90 inch flat and curved TVs. Includes instructions for height adjustment, cable management, and attaching accessories like a camera shelf.</p> |
|  | <p>Perlegear PGMF20 TV Wall Mount: Frequently Asked Questions</p> <p>Find answers to common questions about the Perlegear PGMF20 TV Wall Mount, including cable management, missing parts, installation adjustments, and mounting options for various stud spacings.</p> |
|  | <p>Perlegear PGLF6 Full-Motion TV Wall Mount Instruction Manual</p> <p>Comprehensive instructions for installing and using the Perlegear PGLF6 full-motion TV wall mount, designed for 32-85 inch TVs up to 60 kg with VESA compatibility up to 600 x 400 mm.</p> |
|  | <p>Perlegear PGLF8 Full Motion TV Wall Mount Installation Guide</p> <p>Comprehensive instruction manual for the Perlegear PGLF8 Full Motion TV Wall Mount. Learn how to safely install and adjust your TV mount for TVs up to 132 lbs, with detailed steps for wood stud and concrete wall installations.</p> |