

HCMOUNTING HCM6802

HCMOUNTING Full Motion TV Wall Mount (Model HCM6802) Instruction Manual

Brand: HCMOUNTING | Model: HCM6802

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of your HCMOUNTING Full Motion TV Wall Mount, Model HCM6802. This heavy-duty mount is designed to securely hold 60-100 inch televisions, offering versatile viewing angles and space-saving benefits.



IMPORTANT SAFETY INFORMATION

- Weight Capacity:** Do not exceed the maximum weight capacity of 165 lbs (75 kg).
- TV Size:** This mount is suitable for TVs between 60 and 100 inches.
- Wall Type:** Install only on wood studs (16-24 inch spacing), solid concrete walls, or masonry walls **DO NOT install on drywall alone.**
- Assistance:** Due to the weight and size of the mount and TV, a minimum of two people are required for safe installation.
- Tools:** Ensure all necessary tools are available and in good working condition before beginning installation.
- Cables:** Ensure all cables are routed safely to prevent pinching or damage during TV movement.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	HCMOUNTING
Model Number	HCM6802
TV Size Compatibility	60-100 inches
Maximum Load Capacity	165 lbs (75 kg)
VESA Compatibility	Up to 800x600mm (Min: 200x100mm)
Extension from Wall	Up to 30.3 inches
Retraction to Wall	2.95 inches
Tilt Angle	+10° to -10°
Swivel Angle	±165°
Level Adjustment	±3°
Material	Alloy Steel
Item Weight	31.3 pounds
Package Dimensions	36 x 10.5 x 3.5 inches

COMPATIBILITY CHECK

Before installation, ensure your TV and wall meet the following criteria:

- TV Size:** Your TV must be between 60 and 100 inches.
- TV Weight:** Your TV must weigh no more than 165 lbs (75 kg).
- VESA Pattern:** Check the back of your TV for the four mounting holes. Measure the horizontal and vertical distances between these holes. The VESA pattern must be between 200x100mm and 800x600mm. If the vertical VESA is greater than 400mm, the included extension strips will be required.
- Wall Type:** This mount is designed for installation on wood studs (16-24 inch spacing), solid concrete walls, or brick walls. Do not install on drywall alone.

- **Cable Outlets:** Ensure your TV's cable outlets do not interfere with the mounting brackets.

Wide Compatibility

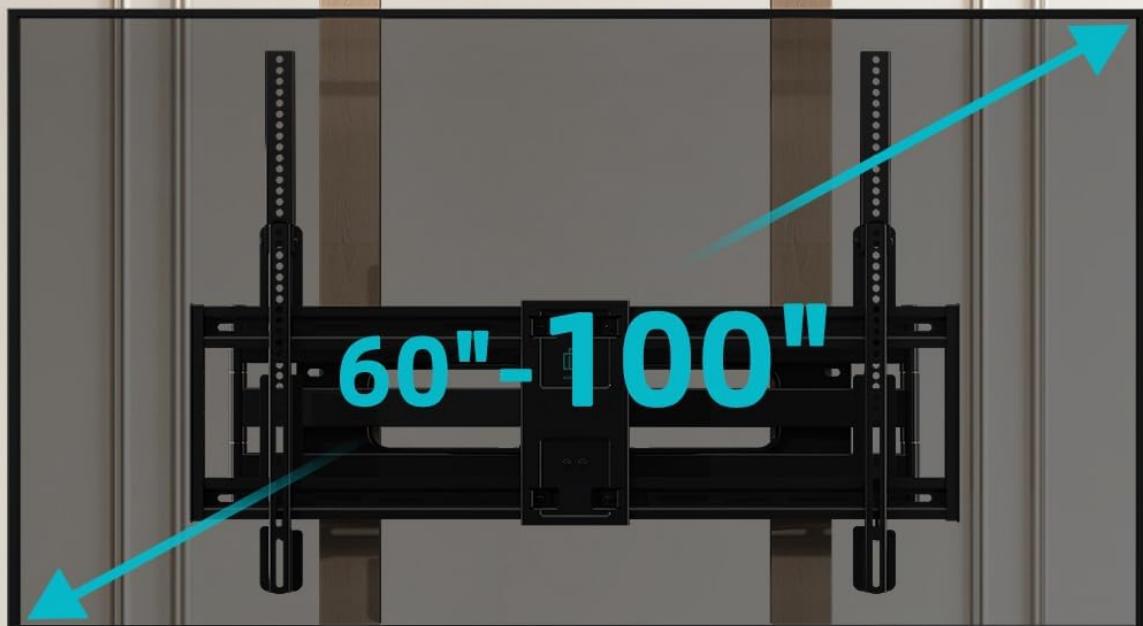
Concrete Walls



Wood Studs
24"/18"/16"

Max 24"

Brick Walls



VESA Patterns

800x600mm	600x200mm	300x300mm
800x500mm	500x400mm	300x200mm
800x400mm	500x300mm	200x400mm
600x600mm	400x400mm	200x300mm
600x400mm	400x300mm	200x200mm
600x300mm	400x200mm	200x100mm

Image: Illustration of compatible wall types (concrete, wood studs, brick) and various VESA patterns.

TV Size: 42-80"

Max Load: 110lbs



Image: Diagram illustrating how to check the VESA pattern on the back of a television.

Check Vesa Pattern

Max:600 x 400 mm
Min: 200 x200 mm



Image: Diagram illustrating how to check for cable outlet interference on the back of a television.

Check Cable Outlet



Image: Diagram illustrating compatible wall types for mounting, including wood studs, solid concrete, and brick walls.

SETUP AND INSTALLATION

Follow these steps carefully for a secure installation. A detailed installation guide and hardware kit are included with your

mount. It is highly recommended to have at least two people for this process.

Step 1: Attach TV Brackets to TV

- Carefully place your TV face down on a soft, clean surface to prevent scratches.
- Identify the correct screws and spacers for your TV's VESA mounting holes.
- Attach the vertical TV brackets to the back of your TV using the appropriate screws and washers. Ensure they are securely tightened.
- If your TV's vertical VESA is greater than 400mm, attach the included extension strips to the main brackets.



Image: Overview of the installation process: Attach brackets to TV, install wall plate, and hang TV.

Step 2: Install the Wall Plate

- Locate the desired mounting position on your wall. Use a stud finder to identify and mark the center of your wood studs. For concrete/brick walls, mark your desired drilling points.
- Use the provided drilling template to mark the precise locations for drilling holes. Ensure the template is level using the included mini-level.
- Drill pilot holes at the marked locations. For concrete/brick walls, insert the plastic anchors into the drilled holes.
- Attach the wall plate to the wall using the lag bolts and washers. Tighten all bolts securely.

Your browser does not support the video tag.

Video: Official HCMOUNTING "How to Install" guide, demonstrating the installation process.

Your browser does not support the video tag.

Video: HOME VISION Full Motion TV Wall Mount installation for 65-100" TVs, showing key steps and features.

Step 3: Hang the TV

- With assistance, carefully lift the TV and hook the attached TV brackets onto the wall plate.
- Ensure the TV is securely seated on the wall plate.
- Tighten the safety screws located at the bottom of the TV brackets to prevent accidental dislodgement.

OPERATING INSTRUCTIONS

Your HCMOUNTING Full Motion TV Wall Mount offers several adjustment options for optimal viewing:

- **Extension/Retraction:** Gently pull the TV away from the wall to extend it up to 30.3 inches, or push it back to retract

it to 2.95 inches from the wall.

- **Tilt Adjustment:** Use the tilt adjustment mechanism to angle your TV +10° upwards or -10° downwards to reduce glare and achieve the perfect viewing angle.
- **Swivel Adjustment:** The mount allows for a wide swivel range of $\pm 165^\circ$, enabling you to turn your TV left or right to suit various seating positions.
- **Level Adjustment:** After installation, you can make minor horizontal adjustments of $\pm 3^\circ$ to ensure your TV is perfectly level.

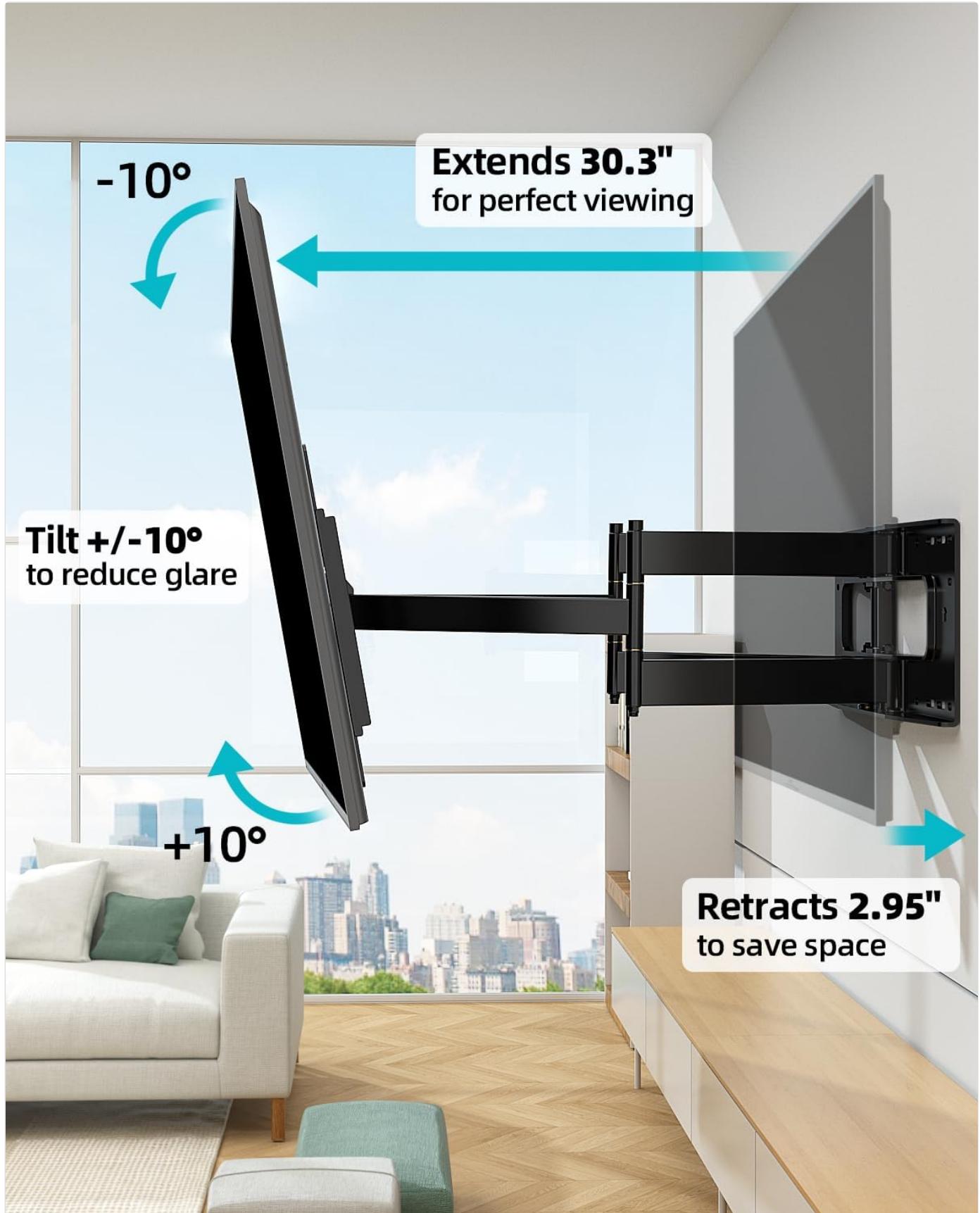


Image: Illustration of the mount's extension, retraction, and tilt features.

Swivel $\pm 165^\circ$
for you to have an all-round view



Image: Illustration of the mount's 165° swivel capability.

Maintenance

- **Regular Checks:** Periodically check all screws and bolts to ensure they remain tight and secure.
- **Cleaning:** Wipe the mount with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Lubrication:** Moving parts are designed for smooth operation and generally do not require lubrication. If movement

becomes stiff, consult customer support.

TROUBLESHOOTING

- **TV is not level:** Use the level adjustment feature ($\pm 3^\circ$) to fine-tune the horizontal position. Ensure the wall plate was installed level initially.
- **Mount feels loose:** Re-check all lag bolts securing the wall plate to the wall and all screws attaching the TV brackets to the TV. Tighten any loose fasteners.
- **Difficulty moving the TV:** Ensure no cables are snagged or pinched. Check for any obstructions. The mount is designed to be sturdy; some resistance is normal, especially with heavier TVs.
- **Missing parts:** Refer to the package contents list. If any parts are missing, contact HCMOUNTING customer service immediately.

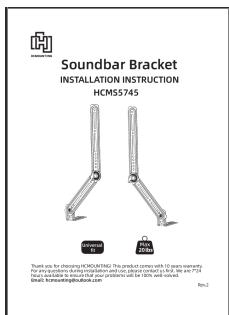
WARRANTY AND SUPPORT

HCMOUNTING has over 10 years of expertise in designing and manufacturing TV wall mounts. Our professional after-sales team is dedicated to providing comprehensive solutions and ensuring your complete satisfaction. For any assistance, questions, or concerns, please contact our customer service team.

Contact information can typically be found on the product packaging or our official website.

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Related Documents - HCM6802

 The image shows the front cover of the HCMS5745 Soundbar Bracket Installation Instructions manual. It features the HCMOUNTING logo at the top, followed by the text "Soundbar Bracket" and "INSTALLATION INSTRUCTION" with the model number "HCMS5745" below it. The cover also includes a diagram of the bracket and a small note at the bottom: "This document is for informational purposes only. This product is not a toy. It is a heavy-duty bracket designed for professional installation only. For any questions about safety, installation and usage, please contact us at 1-800-332-1000 or visit us at www.hcmounting.com . Rev.2".	<p><u>HCMOUNTING HCMS5745 Soundbar Bracket Installation Instructions</u></p> <p>This document provides detailed installation instructions for the HCMOUNTING HCMS5745 Soundbar Bracket, including safety tips, hardware lists, and step-by-step assembly guides for attaching the bracket to a TV or TV mount.</p>
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