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monTEK HW1256BK

monTEK Long Arm TV Wall Mount User Manual

Model: HW1256BK

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the monTEK Long Arm TV Wall Mount. This full-motion TV bracket is designed to provide optimal viewing flexibility and secure installation for most 23-65 inch LCD/LED/OLED 4K flat screen or curved TVs, supporting weights up to 77 lbs. Its unique 29-inch long extension arm allows for versatile placement, including corners, while retracting to a slim 2.1 inches for space-saving. This manual provides essential information for safe installation, operation, and maintenance of your TV wall mount.



Image 1.1: The monTEK Long Arm TV Wall Mount and its components, including the main bracket, extension arms, and a spirit level.

2. SAFETY INFORMATION

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

- **Weight Capacity:** Do not exceed the maximum weight capacity of 77 lbs (35 kg). This mount is intended for use only with the maximum weights indicated. Use with products heavier than the maximum weights indicated may result in instability causing possible injury.
- **TV Size Compatibility:** This mount is designed for TVs between 23 and 65 inches. Ensure your TV's VESA pattern is compatible (75x75 mm to 400x400 mm).
- **Wall Type:** This mount is designed for installation on single wood studs, concrete walls, and brick walls. **DO NOT INSTALL THE MOUNT ON DRYWALL ALONE.** Concrete anchors are provided or can be requested if needed.
- **Cable Management:** Ensure all cables are routed safely and are not pinched or strained by the mount's movement. Use the included cable ties to secure wires.
- **Children and Pets:** Keep children and pets away during installation. Small parts can be a choking hazard.

- **Regular Checks:** Periodically check that the mount and all connections are secure and free from damage.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. If any parts are missing or defective, please contact monTEK customer service.

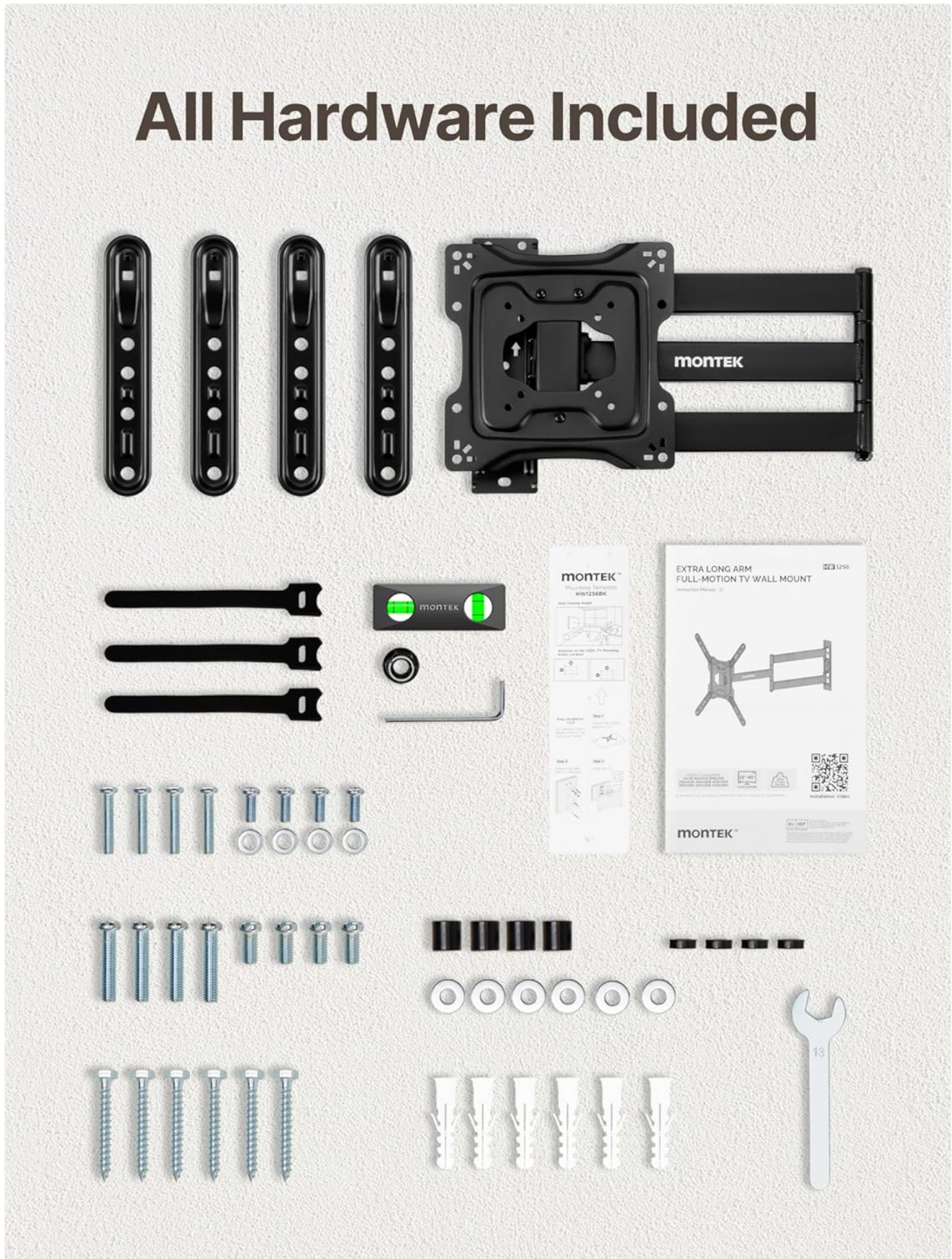


Image 3.1: A visual representation of all parts included in the monTEK TV wall mount package, including the mount assembly, various screws, washers, spacers, wall anchors, a spirit level, cable ties, and an instruction manual.

Included Hardware:

- TV Wall Mount Assembly (Wall Plate, Articulating Arms, TV Plate)
- VESA Extension Brackets (4 pieces)
- Bubble Level
- Hex Key
- Cable Management Ties (Velcro)
- Assorted TV Screws (M4, M6, M8)
- Assorted Spacers and Washers
- Lag Bolts for Wall Mounting
- Concrete Anchors (if applicable)
- Open-End Wrench
- Installation Template
- User Manual

4. SPECIFICATIONS

Detailed technical specifications for the monTEK Long Arm TV Wall Mount.

Specifications

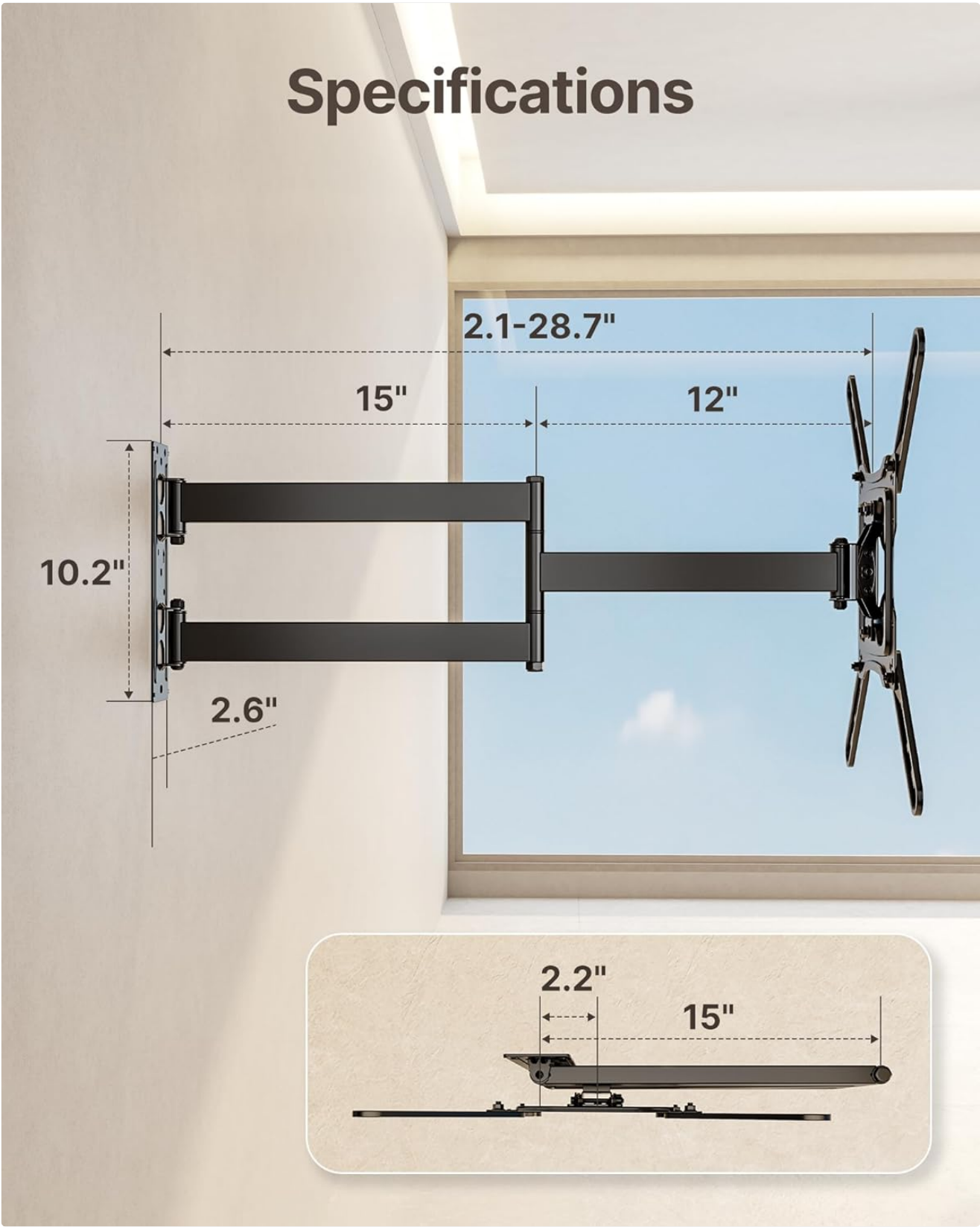


Image 4.1: Technical drawing illustrating the dimensions of the TV wall mount, including wall plate size, arm extension range (2.1 to 28.7 inches), and overall height.

Feature	Specification
Model Number	HW1256BK
Compatible TV Sizes	23 - 65 inches
Weight Capacity	Up to 77 lbs (35 kg)
VESA Compatibility	75x75mm, 100x100mm, 200x100mm, 200x200mm, 300x200mm, 300x300mm, 400x200mm, 400x300mm, 400x400mm
Extension from Wall	2.1 inches (retracted) to 29 inches (extended)
Swivel Angle	Up to 180° (left/right, depending on TV size)
Tilt Angle	Up to +5° (upward) / -15° (downward)
Level Adjustment	±3° (post-installation)
Material	Alloy Steel
Color	Black
Item Weight	7.5 pounds
Product Dimensions	28.7 x 17.1 x 17.1 inches (fully extended)

Wide Compatibility

Concrete



Single Stud



Brick



VESA Compatible

400×400mm | 400×300mm | 300×300mm
400×200mm | 300×200mm | 200×200mm
200×100mm | 100×100mm | 75×75mm

Max. Load

77 lbs



DO NOT MOUNT ON DRYWALL ALONE!
(Concrete Anchors are Sent Per request)

Image 4.2: Visual guide for TV size and VESA pattern compatibility, along with illustrations of compatible wall types: concrete, single wood stud, and brick. A warning against drywall-only installation is prominently displayed.

5. SETUP AND INSTALLATION

Proper installation is crucial for the safety and performance of your TV mount. Follow these steps carefully. It is recommended to have two people for installation.

5.1 Pre-Installation Checks:

1. **Check TV Compatibility:** Verify your TV's weight, size (23-65 inches), and VESA mounting pattern (75x75mm to 400x400mm) against the specifications in Section 4.
2. **Check Wall Type:** Identify your wall type (wood stud, concrete, or brick). Do not install on drywall alone. Use a stud finder to locate wood studs.
3. **Check Cable Access:** Ensure that the TV's cable outlets will not be blocked by the mount once installed.

5.2 Installation Steps:

The installation process is designed to be straightforward, often completed in three main steps after preparation.



Image 5.1: A simplified three-step installation guide showing attaching the VESA plate to the TV, attaching the wall plate to the wall, and finally hanging the TV onto the wall plate.

1. Attach VESA Plate to TV:

- Carefully place your TV face down on a soft, clean surface.
- Attach the VESA plate (and extension arms if needed for larger VESA patterns) to the back of your TV using the appropriate screws, washers, and spacers from the hardware kit. Ensure a secure fit without overtightening.

2. Attach Wall Plate to Wall:

- Determine the desired height and position for your TV. Use the provided installation template and bubble level to mark the drilling holes on the wall.
- For wood stud installation: Drill pilot holes into the center of the wood stud. Secure the wall plate using the lag bolts.
- For concrete/brick wall installation: Drill holes, insert concrete anchors, then secure the wall plate using the lag bolts.
- Ensure the wall plate is level and securely fastened to the wall.

3. Hang the TV:

- With assistance, carefully lift the TV with the attached VESA plate and hook it onto the wall plate.
- Secure the TV to the wall plate using the locking screws or mechanisms provided, as per the detailed manual.

For a more detailed step-by-step guide, refer to the comprehensive installation manual included in your package.

6. OPERATING AND ADJUSTMENTS

Your monTEK TV wall mount offers a range of adjustments to optimize your viewing experience.

6.1 Extension and Retraction:

The mount can extend up to 29 inches from the wall for flexible viewing and retract to a mere 2.1 inches to save space.

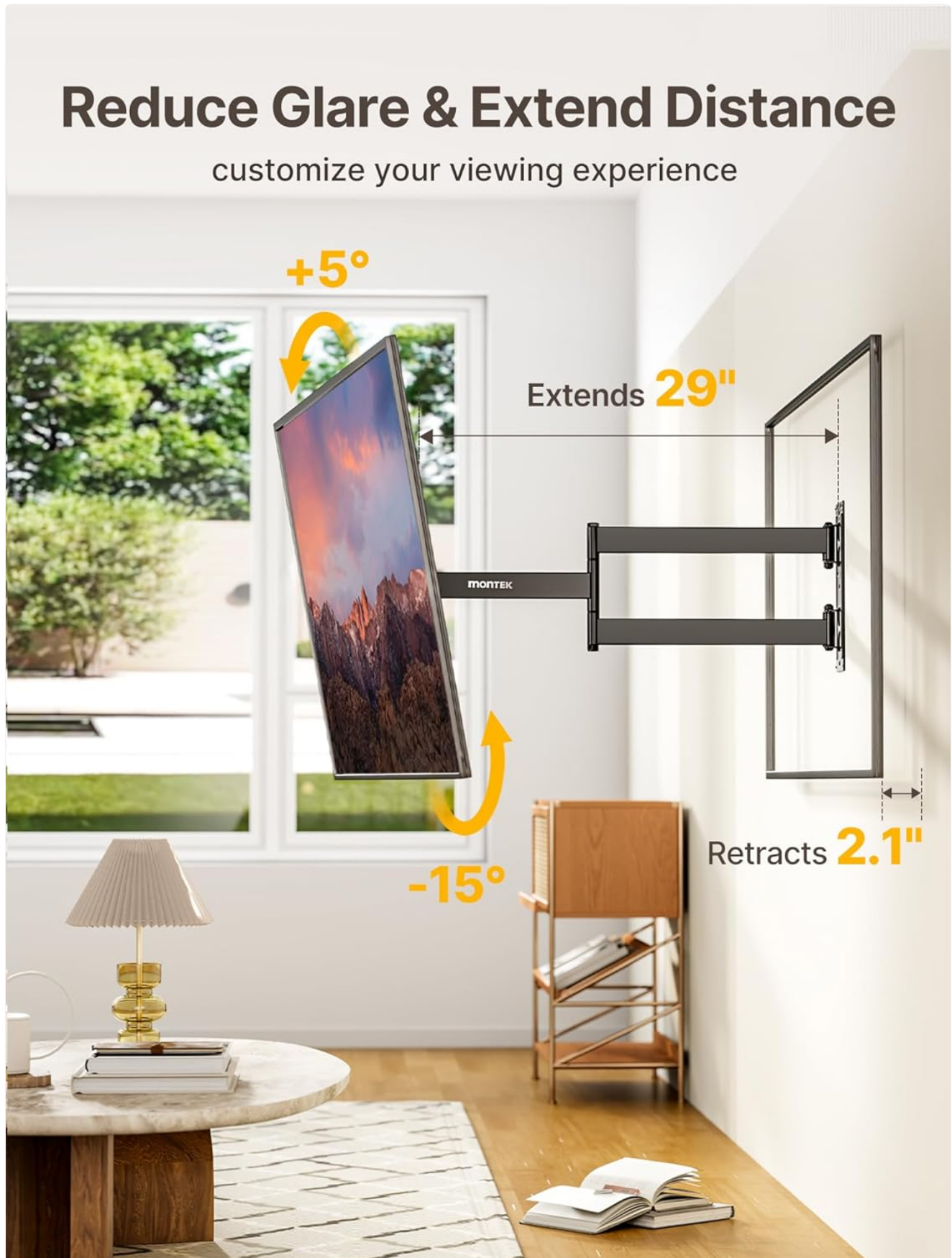


Image 6.1: A TV mounted on the wall, illustrating the mount's ability to extend up to 29 inches and retract to 2.1 inches, along with tilt angles.

6.2 Swivel Adjustment:

The articulating arms allow for a 180° swivel (left to right), enabling you to achieve the perfect viewing angle from various positions in your room, including corner setups.



Image 6.2: A TV mounted on a wall, demonstrating the 180-degree swivel capability of the mount, allowing for viewing from various angles.

6.3 Tilt Adjustment:

Adjust the tilt angle from +5° (upward) to -15° (downward) to reduce glare from lights or windows and optimize your viewing comfort.

6.4 Post-Installation Leveling:

After hanging your TV, you can make fine-tune adjustments of $\pm 3^\circ$ to ensure the TV is perfectly level.



Image 6.3: A TV on a wall, showing the $\pm 3^\circ$ leveling adjustment feature that allows for perfect positioning after the initial installation.

7. MAINTENANCE

To ensure the longevity and safe operation of your monTEK TV wall mount, follow these maintenance guidelines:

- **Cleaning:** Wipe the mount with a soft, dry cloth to remove dust. Do not use abrasive cleaners or solvents, as they may damage the finish.
- **Periodic Checks:** Every 6-12 months, inspect all screws and bolts to ensure they are tight and secure. Over time, vibrations or adjustments can cause fasteners to loosen.
- **Movement Check:** Periodically move the mount through its full range of motion (extension, retraction, swivel, tilt) to ensure smooth operation. If any stiffness or unusual noises occur, check for obstructions or contact customer support.
- **Cable Management:** Ensure cable ties are still secure and cables are not pinched or frayed. Replace damaged cable ties as needed.

8. TROUBLESHOOTING

If you encounter issues with your monTEK TV wall mount, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
TV is not level after installation	Initial installation was slightly off; leveling adjustment needed.	Use the $\pm 3^\circ$ post-installation leveling feature to fine-tune the TV's horizontal position.
Mount feels loose or wobbly	Wall bolts or TV screws are not fully tightened; incorrect wall type used.	Ensure all wall bolts and TV attachment screws are securely tightened. Verify the mount is installed on a compatible wall type (wood stud, concrete, or brick), not drywall alone.
Difficulty swiveling or tilting the TV	Joints are too tight; cables are obstructing movement.	Check for any pinched or tangled cables. Loosen the tension bolts on the articulating joints slightly if they are too stiff (refer to the detailed manual for specific adjustment points).
TV does not fit the mount	Incorrect VESA pattern or TV size/weight.	Double-check your TV's VESA pattern, size, and weight against the specifications in Section 4. Ensure you are using the correct VESA extension brackets if necessary.

If the problem persists or is not listed here, please contact monTEK customer service for further assistance.

9. WARRANTY INFORMATION

monTEK products are designed for durability and protection. For specific warranty details regarding your TV wall mount, please refer to the warranty card included in your product packaging or visit the official monTEK website. Generally, monTEK offers a limited warranty covering defects in materials and workmanship under normal use.

10. CUSTOMER SUPPORT

monTEK is committed to providing excellent customer service. If you have any questions, require assistance with installation, or need to report a defective part, please do not hesitate to contact our professional support team.

- **Online Support:** Visit the official monTEK store on Amazon for FAQs and product information: [monTEK Amazon Store](#)
- **Email Support:** For direct inquiries, please refer to the contact email provided in your product packaging or on the monTEK website.
- **Phone Support:** Contact numbers may be available on the monTEK website for immediate assistance.

Please have your model number (HW1256BK) and purchase information ready when contacting support.