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Mounting Dream MD2296-24K

Mounting Dream MD2296-24K Full Motion TV Wall Mount Instruction Manual

For 42-84 Inch TVs, Max VESA 600x400mm, 100 LBS Capacity

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the safe and proper installation and operation of your Mounting Dream MD2296-24K Full Motion TV Wall Mount. This mount is designed to securely hold most 42-84 inch flat or curved screen televisions weighing up to 100 LBS (45.3 kg).

The full motion design allows for optimal viewing angles with tilt, swivel, and extension capabilities. Please read all instructions carefully before beginning installation.

Safety Information

- **WARNING:** Do not install this product into drywall alone. It must be mounted into solid concrete walls or wood studs.
- Ensure the wall structure can safely support the combined weight of the mount and your television.
- Always use a stud finder to accurately locate wood studs.
- Two people are recommended for safe installation, especially when lifting the television.
- Do not exceed the maximum weight capacity of 100 LBS (45.3 kg).

2. PACKAGE CONTENTS

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

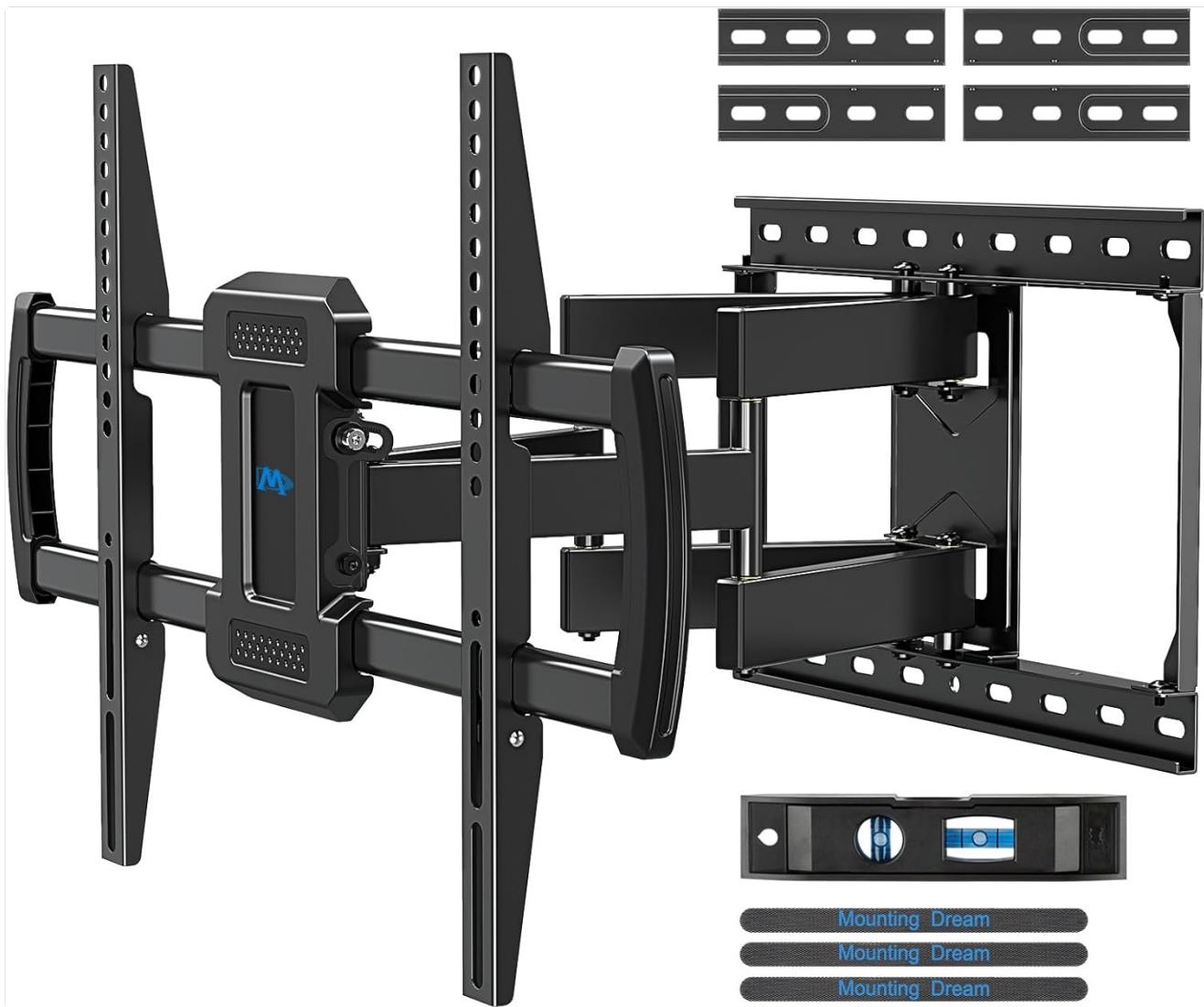


Image: Overview of the Mounting Dream MD2296-24K TV Wall Mount and included hardware. This image displays the main wall plate, articulating arms, TV brackets, and various screws, washers, spacers, a small level, and cable ties.

Included Hardware (Example)

- Wall Plate Assembly
- TV Bracket Arms (2)
- Lag Bolts (for wood studs/concrete)
- Concrete Anchors (may require separate request from Mounting Dream)
- Assorted TV Screws (M4, M6, M8)
- Washers and Spacers
- Bubble Level
- Cable Ties
- Mounting Template

3. COMPATIBILITY CHECK

Before installation, confirm that this mount is compatible with your television and wall type.

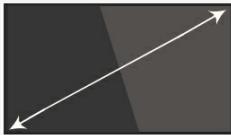
WILL THIS MOUNT FIT YOUR TV?

VESA



MIN VESA: 200X100 mm
MAX VESA: 600X400 mm

TV Specs



Weight: 100 lbs. Size: 42"-84"

Potential Blockage



Check it Before Purchase

Wall Types



Wood Studs Wall
Concrete Wall
Brick Wall

Image: Visual guide for checking TV mount compatibility, illustrating VESA pattern, TV weight and size, potential port blockage, and suitable wall types.

TV Specifications

- **TV Size:** Most 42-84 inch OLED/LED/Plasma/Curved TVs.
- **Weight Capacity:** Maximum 100 LBS (45.3 kg).
- **VESA Compatibility:** Max VESA 600x400mm (24"x16"). Common VESA patterns supported include 200x100mm, 200x200mm, 300x200mm, 300x300mm, 400x200mm, 400x300mm, 400x400mm, 500x300mm, 600x200mm, 600x400mm.
- **Blocked Inputs:** Check the location of your TV's input ports to ensure the mount will not block them.

Wall Type Compatibility

Three Wall Types

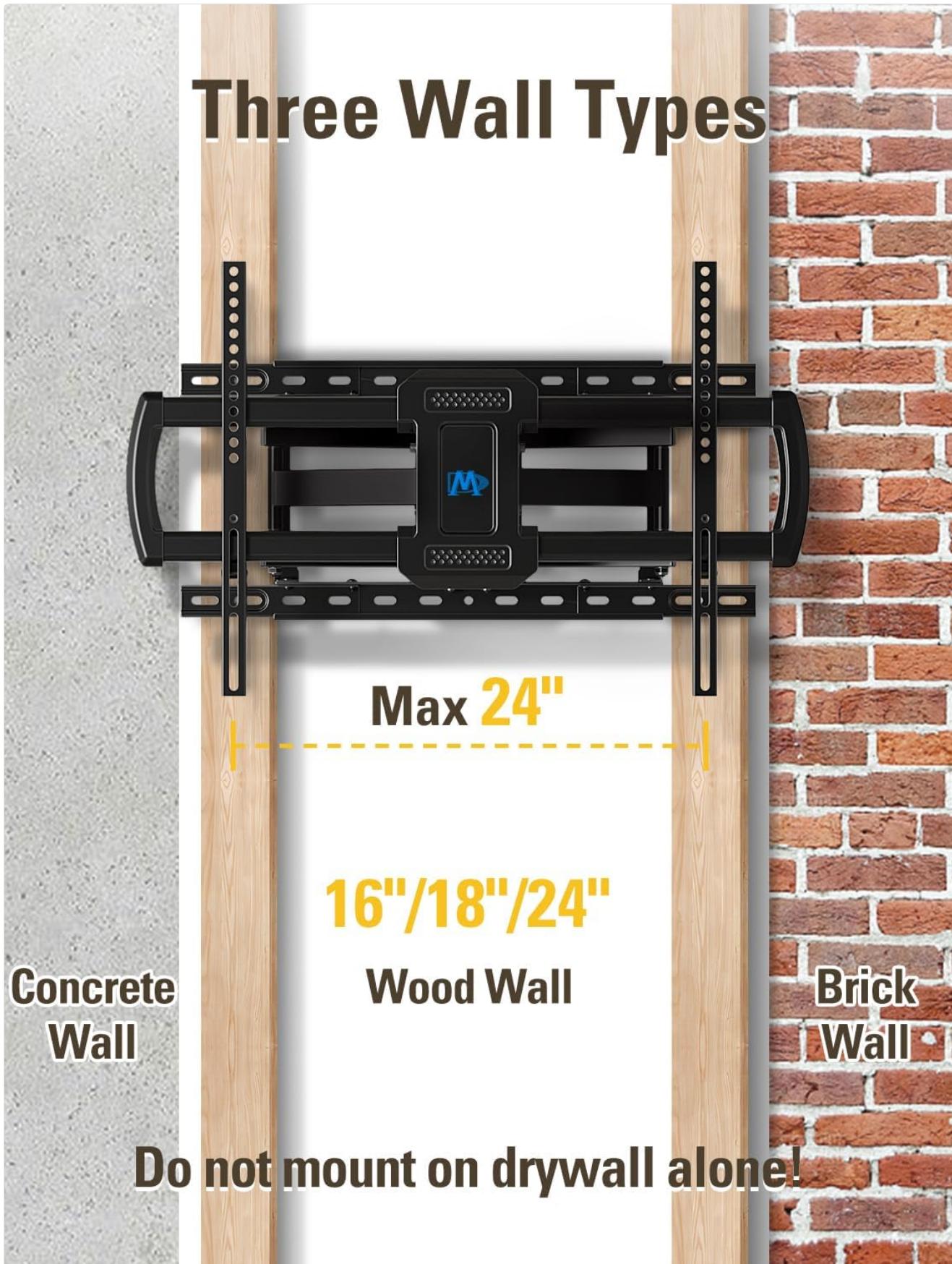


Image: Illustration of compatible wall types: solid concrete wall, wood stud wall (16", 18", 24" spacing), and brick wall. A warning indicates not to mount on drywall alone.

- **Wood Stud Walls:** Compatible with 16", 18", and 24" wood stud spacing.
- **Solid Concrete Walls:** Requires appropriate concrete anchors (contact Mounting Dream for these if not included).
- **Brick Walls:** Requires appropriate anchors (contact Mounting Dream for these if not included).

- **IMPORTANT:** This TV mounting bracket is **NOT** for drywall alone.

4. SETUP AND INSTALLATION

Follow these steps carefully for a secure installation. It is highly recommended to have a second person assist with the installation, especially when lifting the TV.

Tools Required (Not Included)

- Power Drill
- Phillips Head Screwdriver
- Ratchet Set (for lag bolts)
- Stud Finder
- Pencil
- Measuring Tape
- Safety Glasses

Installation Steps



Kitchen
±45° Swivel
Optimal Viewing

Image: Simplified 3-step installation process: 1) Attach brackets to TV back, 2) Install the wall plate, 3) Hang the TV onto the wall plate.

1. **Determine TV Placement:** Decide the desired height and horizontal position for your TV. Use painter's tape to outline the TV's position on the wall for visual reference.
2. **Locate Wall Studs:** Use a stud finder to accurately locate the center of the wood studs in your desired mounting area. Mark the stud locations with a pencil. For concrete or brick walls, ensure you have the correct anchors and drill bits.
3. **Attach TV Brackets to TV:** Carefully place your TV face down on a soft, clean surface. Attach the vertical TV bracket arms to the back of your TV using the appropriate screws, washers, and spacers from the provided hardware kit. Ensure the brackets are centered and securely fastened.
4. **Position and Mark Wall Plate:** Hold the wall plate assembly against the wall at your desired height, aligning it with the marked stud centers. Use the provided mounting template if available. Use the included bubble level to ensure the wall plate is perfectly horizontal. Mark the drilling points for the lag bolts.

5. **Drill Pilot Holes:** Using a power drill, drill pilot holes at the marked locations. For wood studs, follow the recommended drill bit size in the instructions. For concrete/brick, use a masonry drill bit and ensure the holes are deep enough for the anchors.
6. **Install Wall Plate:** Secure the wall plate assembly to the wall using the lag bolts and washers. Tighten them firmly with a ratchet set, but do not overtighten.
7. **Test Wall Mount:** Before hanging the TV, extend the articulating arms and apply gentle downward pressure to ensure the mount is securely fastened to the wall.
8. **Hang the TV:** With the help of a second person, carefully lift the TV and hook the TV brackets onto the wall plate. Ensure the TV is properly seated and secure.
9. **Secure TV to Mount:** Locate the safety screws or clips on the TV brackets and tighten them to prevent the TV from accidentally lifting off the wall plate.

5. OPERATING AND ADJUSTMENTS

Your Mounting Dream MD2296-24K mount offers various adjustments to achieve the optimal viewing experience.

Flexible Extension and Retraction

Flexible Extension

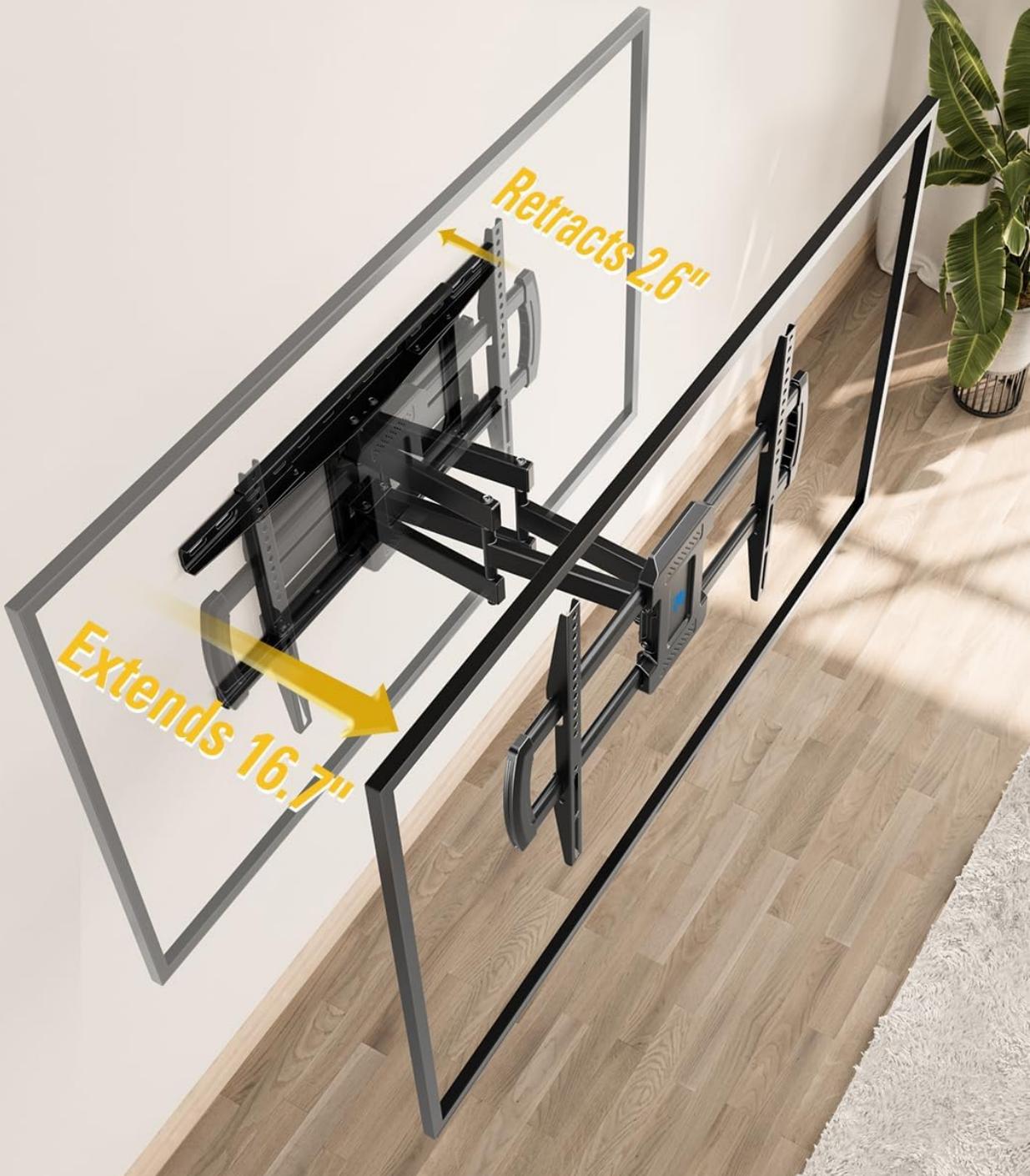


Image: Diagram showing the TV mount extending up to 16.7 inches from the wall and retracting to 2.6 inches, illustrating its flexible positioning.

Gently pull the TV away from the wall to extend the articulating arms. Push the TV back towards the wall to retract it. The mount extends up to 16.7 inches and retracts to 2.6 inches from the wall.

Tilt Adjustment

Say Goodbye to Screen Glare

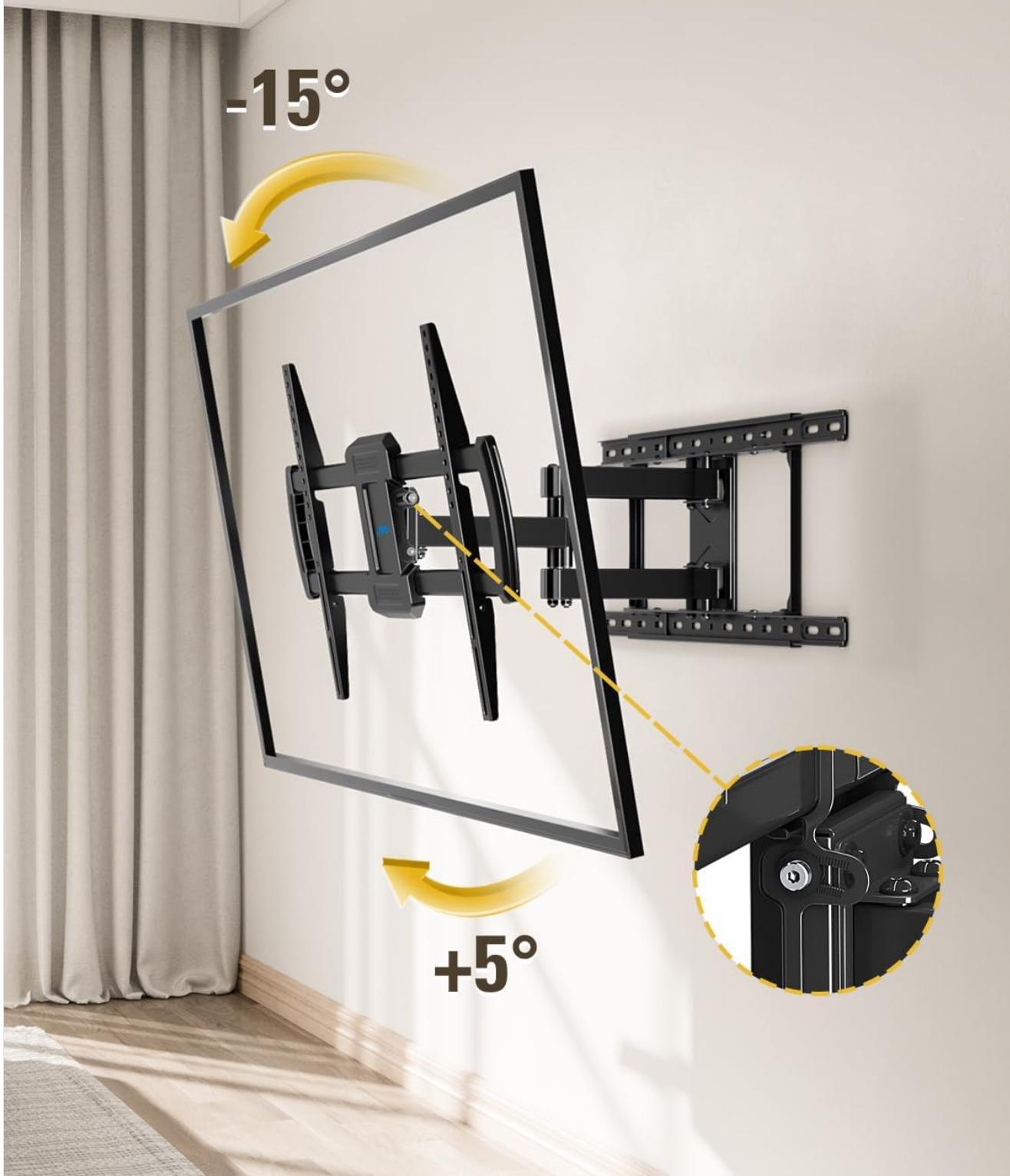


Image: Visual representation of the TV mount's tilt range, from +5 degrees upward to -15 degrees downward, designed to reduce screen glare.

The mount allows for a tilt range of +5° (upward) to -15° (downward). Loosen the tilt adjustment knobs or bolts on the TV brackets, adjust the TV to the desired angle, and then securely tighten the knobs/bolts.

Swivel Adjustment

Perfect Angle to View from Anywhere



Image: Depiction of the TV mount's swivel capability, allowing the TV to rotate up to +/-45 degrees horizontally for viewing from various positions.

The articulating arms allow the TV to swivel up to 45° left or right. Gently push or pull the TV to the desired horizontal viewing angle.

Level Adjustment

Level After Installation

$\pm 4^\circ$



$\pm 4^\circ$



Image: Illustration of the TV mount's post-installation level adjustment feature, allowing for a fine-tuning of ± 4 degrees to correct any slight tilt after mounting.

If the TV is not perfectly level after installation, you can adjust it by $\pm 4^\circ$. Loosen the leveling screws on the TV brackets, adjust the TV to be level, and then retighten the screws.

6. MAINTENANCE

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

- **Periodic Inspection:** Every few months, check all screws and bolts to ensure they are securely tightened.
- **Cleaning:** Wipe the mount with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Lubrication:** If the articulating arms become stiff, a small amount of silicone-based lubricant can be applied to the moving joints.

7. TROUBLESHOOTING

If you encounter issues during or after installation, refer to the following common solutions.

- **TV is not level:** Use the $\pm 4^\circ$ level adjustment feature as described in Section 5. Ensure the wall plate was installed level initially.
- **Mount feels loose on the wall:** Re-check all lag bolts securing the wall plate to the wall. Ensure they are tightened into solid wood studs or concrete with appropriate anchors.
- **TV is difficult to move/adjust:** Check for any overtightened bolts on the articulating arms or tilt mechanism. Apply a small amount of silicone lubricant if necessary.
- **Missing hardware:** Refer to Section 2 for package contents. Contact Mounting Dream customer service for replacement parts.

For further assistance, please contact Mounting Dream customer service.

8. SPECIFICATIONS

Brand	Mounting Dream
Model Number	MD2296-24K
Compatible TV Sizes	42-84 inches
Weight Capacity	100 LBS (45.3 kg)
Max VESA Pattern	600x400mm
Stud Spacing	16", 18", 24"
Movement Type	Articulating, Swivel, Tilt, Full Motion
Tilt Angle	$+5^\circ$ / -15°
Swivel Angle	$\pm 45^\circ$
Level Adjustment	$\pm 4^\circ$
Extension from Wall	2.6" (retracted) to 16.7" (extended)

Material	Alloy Steel
Product Dimensions	19.49 x 12.05 x 4.17 inches
Item Weight	15.55 pounds

9. WARRANTY AND CUSTOMER SUPPORT

Mounting Dream is committed to providing high-quality products and excellent customer service.

Warranty Information

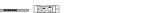
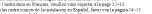
This Mounting Dream TV wall mount is backed by a **10-year warranty**, ensuring peace of mind regarding its quality and durability.

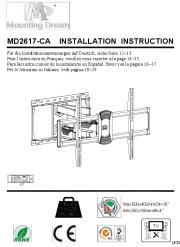
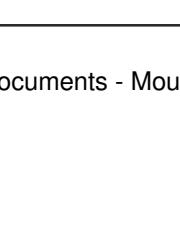
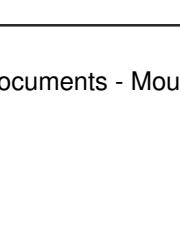
Customer Support

Our US-based customer service experts are available every day of the week to assist you with any questions or concerns regarding installation, operation, or product issues. Please refer to the product packaging or the official Mounting Dream website for contact details.

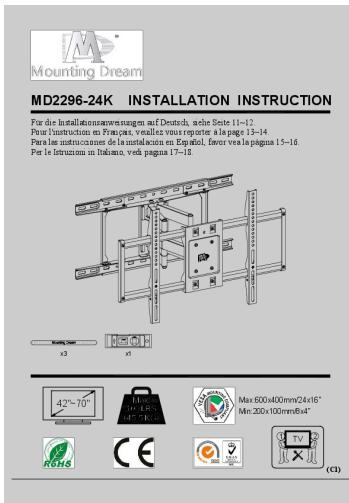
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Related Documents - MD2296-24K

 Mounting Dream MD2296-24K INSTALLATION INSTRUCTION <small>For 22"-32" flat panel television. Max. weight capacity: 24 kg. Part 1: Instructions on Principles, read this page before page 2-14 Part 2: Instructions on Tools, read this page before page 15-16 Part 3: Instructions on Wall, read this page before page 17-18 Part 4: Instructions on Children, read this page before page 19-20</small>                     	<h2>Mounting Dream MD2296-24K TV Wall Mount Installation Guide</h2> <p>Comprehensive installation instructions for the Mounting Dream MD2296-24K TV wall mount. Covers compatibility checks, required tools, safety precautions, parts list, and step-by-step assembly for wood stud and concrete walls.</p>
 Mounting Dream MD2380 INSTALLATION INSTRUCTION <small>For 23"-32" flat panel television. Max. weight capacity: 30 kg. Part 1: Instructions on Principles, read this page before page 2-14 Part 2: Instructions on Tools, read this page before page 15-16 Part 3: Instructions on Wall, read this page before page 17-18 Part 4: Instructions on Children, read this page before page 19-20</small>           	<h2>Mounting Dream MD2380 Full Motion TV Mount Installation Guide</h2> <p>Detailed installation instructions for the Mounting Dream MD2380 full motion TV mount. Covers VESA compatibility, weight limits, wall type suitability (wood studs, concrete), step-by-step assembly, TV attachment, and adjustment procedures. Includes safety warnings and a parts list.</p>

 <p>MD2617-CA INSTALLATION INSTRUCTION For all television mounting types and models. Refer to page 1-11 Pour toutes les installations de téléviseurs et modèles. Réf. à la page 1-11 Für alle Montagearten und Modelle. Siehe Seite 1-11 Para todos los tipos de montaje de televisores y modelos. Refiérase a la página 1-11 Para todos los tipos de televisores y modelos. Refiérase a la página 1-11</p> <p> <p>MD2380 INSTALLATION INSTRUCTION For all television mounting types and models. Refer to page 1-11 Pour toutes les installations de téléviseurs et modèles. Réf. à la page 1-11 Für alle Montagearten und Modelle. Siehe Seite 1-11 Para todos los tipos de montaje de televisores y modelos. Refiérase a la página 1-11 Para todos los tipos de televisores y modelos. Refiérase a la página 1-11</p> <p> <p>MD2380 INSTALLATION INSTRUCTION For all television mounting types and models. Refer to page 1-11 Pour toutes les installations de téléviseurs et modèles. Réf. à la page 1-11 Für alle Montagearten und Modelle. Siehe Seite 1-11 Para todos los tipos de montaje de televisores y modelos. Refiérase a la página 1-11 Para todos los tipos de televisores y modelos. Refiérase a la página 1-11</p> <p> <p>MD2268-MK INSTALLATION INSTRUCTION For all television mounting types and models. Refer to page 1-11 Pour toutes les installations de téléviseurs et modèles. Réf. à la page 1-11 Für alle Montagearten und Modelle. Siehe Seite 1-11 Para todos los tipos de montaje de televisores y modelos. Refiérase a la página 1-11 Para todos los tipos de televisores y modelos. Refiérase a la página 1-11</p> </p></p></p>	<p>Mounting Dream MD2617-CA TV Wall Mount Installation Guide Comprehensive installation instructions for the Mounting Dream MD2617-CA full-motion TV wall mount, covering VESA compatibility, wall mounting (wood studs and concrete), TV attachment, adjustments, and cable management.</p>
 <p>MD2380 TV Wall Mount Installation Guide Comprehensive installation instructions for the Mounting Dream MD2380 TV wall mount. Covers VESA compatibility, weight limits, wall type requirements, step-by-step installation for wood studs and concrete walls, and adjustment procedures. Includes safety precautions and product dimensions.</p>	
 <p>Mounting Dream MD2380 TV Wall Mount Installation Instructions Comprehensive installation guide for the Mounting Dream MD2380 TV wall mount, covering compatibility checks, wall mounting (wood stud and concrete), TV attachment, and adjustments. Includes parts list and safety precautions.</p>	
 <p>Mounting Dream MD2268-MK TV Wall Mount Installation Guide Detailed installation instructions for the Mounting Dream MD2268-MK TV wall mount, covering VESA compatibility, weight limits, wall types, parts, and step-by-step assembly for wood stud and concrete walls.</p>	

Documents - Mounting Dream – MD2296-24K

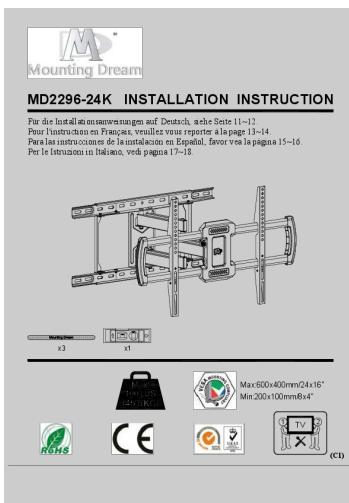


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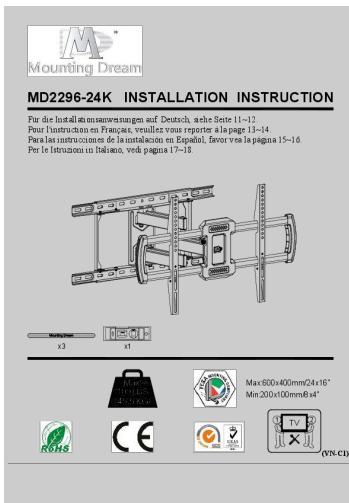


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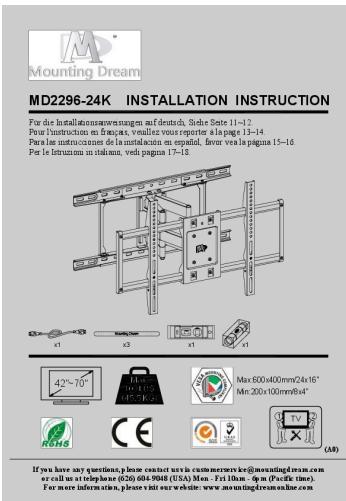
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Comprehensive installation instructions for the Mounting Dream MD2296-24K TV wall mount. Covers compatibility checks, required tools, safety precautions, parts list, and step-by-step assembly for wood stud and concrete walls.

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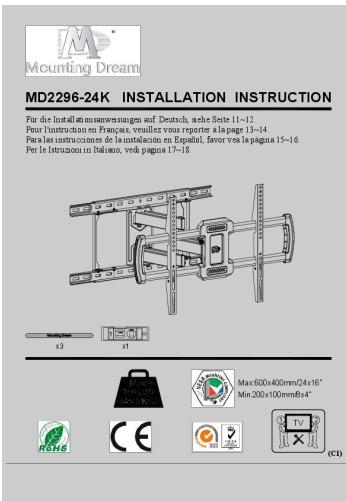


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