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Mount-It! MI-345

Mount-It! Full Motion Articulating TV Wall Mount MI-345 Instruction Manual

Model: MI-345

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1. INTRODUCTION

This manual provides detailed instructions for the safe and proper installation, operation, and maintenance of your Mount-It! Full Motion Articulating TV Wall Mount, model MI-345. This mount is designed to securely hold flat-panel televisions ranging from 32 to 70 inches, with a maximum weight capacity of 100 pounds and VESA patterns up to 600x400mm. Please read this manual thoroughly before installation to ensure correct setup and to prevent damage or injury.



Figure 1: Mount-It! MI-345 Full Motion Articulating TV Wall Mount with a television.

2. SAFETY INFORMATION

WARNING: Failure to read and follow all instructions can result in personal injury, property damage, or voiding of your warranty. The manufacturer is not liable for damage or injury caused by incorrect assembly or use.

- Ensure the mounting surface can safely support the combined weight of the mount and the television.
- Do not exceed the maximum weight capacity of 100 lbs (45 kg).
- Verify VESA compatibility with your television before installation.
- Always use a stud finder to locate wood studs accurately. For concrete walls, use appropriate anchors (not always included).
- Install the mount only into solid wood studs or solid concrete/brick walls. Do not install into drywall alone.
- Use all provided hardware. Do not substitute parts.
- Two people are recommended for installation, especially when lifting the television.
- Keep children and pets away during installation.
- Check all connections and fasteners periodically to ensure they remain secure.

3. PACKAGE CONTENTS

Please verify that all components are present and undamaged before proceeding with installation. If any parts are missing or defective, contact Mount-It! customer support.

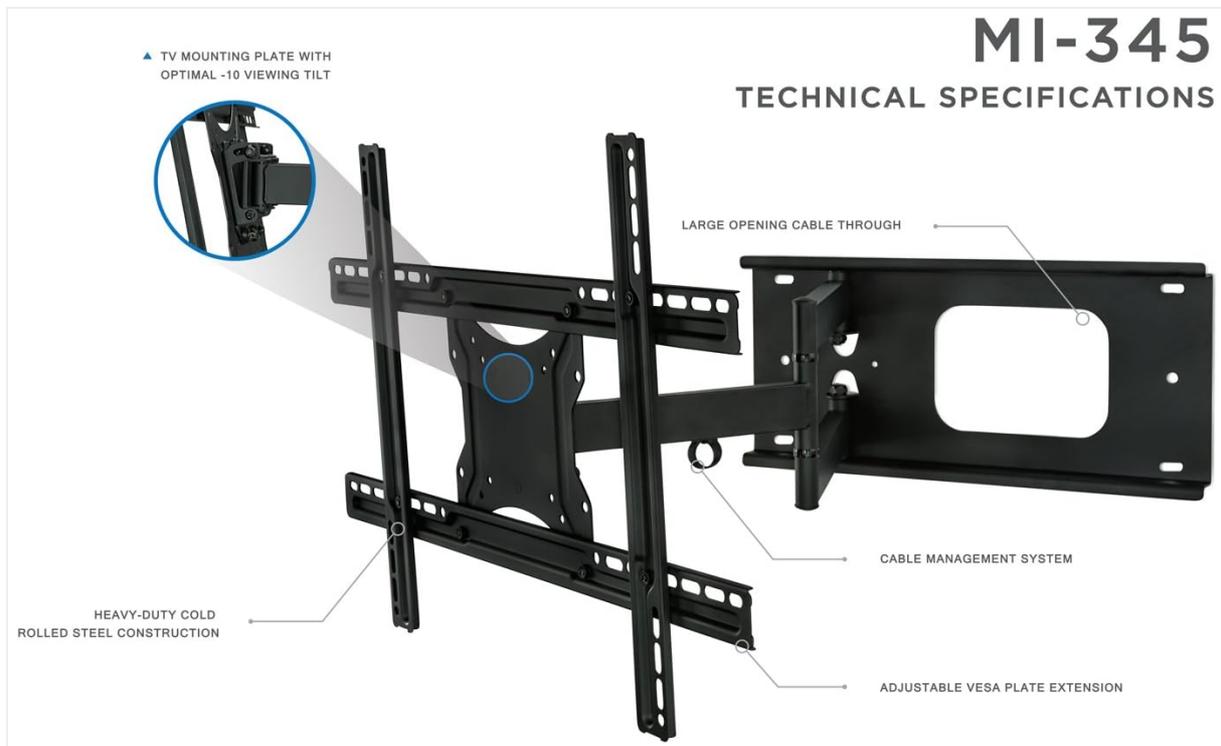


Figure 2: Exploded view of Mount-It! MI-345 components.

- Wall Plate Assembly
- TV Bracket Assembly (with VESA extension arms)
- Mounting Hardware Kit (various screws, washers, spacers for TV and wall)
- Integrated Bubble Level
- Instruction Manual

4. TOOLS REQUIRED (NOT INCLUDED)

- Stud Finder (for wood stud installation)
- Pencil
- Drill with appropriate drill bits (e.g., 7/32" for wood studs, 3/8" for concrete)
- Socket Wrench or Adjustable Wrench
- Phillips Head Screwdriver
- Measuring Tape
- Safety Glasses

5. SETUP & INSTALLATION

Before you begin, ensure you have identified your wall type and have all necessary tools and hardware. Two people are recommended for safe installation.

5.1. Determine Mounting Location and Wall Type

1. Choose a location on your wall where you want to mount the TV. Consider viewing angles and potential glare.
2. Use a stud finder to locate the edges and center of two adjacent wood studs. Mark the center of the studs with a pencil. The wall plate must be mounted to at least two studs.
3. If mounting to a solid concrete or brick wall, ensure the wall is thick enough and use appropriate concrete

anchors (may not be included).

5.2. Install Wall Plate to Wall

1. Hold the wall plate against the wall at your desired height, aligning the mounting holes with the marked stud centers. Use the integrated bubble level to ensure it is perfectly horizontal.
2. Mark the drill points through the holes on the wall plate.
3. For wood studs: Drill pilot holes using a 7/32" (5.5mm) drill bit to a depth of approximately 2.2" (55mm).
4. For concrete/brick walls: Drill pilot holes using a 3/8" (10mm) drill bit to a depth of approximately 2.4" (60mm). Insert concrete anchors (if applicable) flush with the wall surface.
5. Attach the wall plate to the wall using the lag bolts and washers provided. Tighten securely with a socket wrench, but do not overtighten.



Figure 3: Wall plate and articulating arm assembly.

5.3. Attach TV Brackets to Television

1. Carefully place your TV face down on a soft, clean surface to prevent screen damage.
2. Identify the VESA mounting holes on the back of your TV.
3. Select the correct diameter and length of screws (M4, M5, M6, or M8) that fit your TV's VESA holes. Use washers and spacers as needed to ensure the screws do not bottom out or protrude too far.
4. Attach the TV brackets to the back of your TV. Ensure the brackets are centered and securely fastened. If your TV has a larger VESA pattern, use the included extension arms to match the pattern.



Figure 4: TV brackets attached to the back of a television.

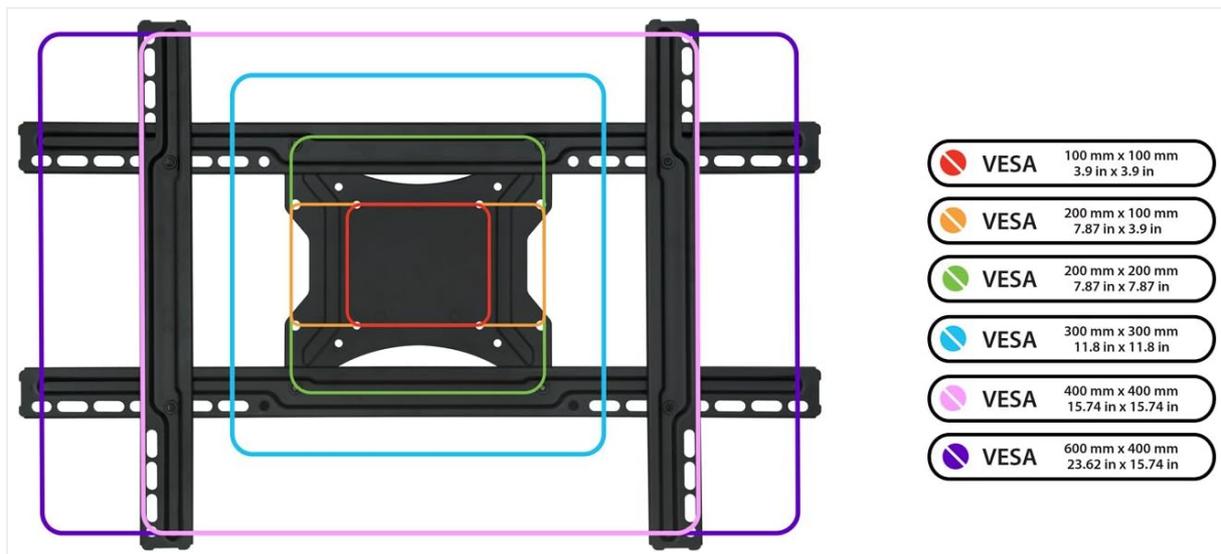


Figure 5: VESA compatibility guide.

5.4. Hang Television on Wall Mount

1. With assistance, carefully lift the TV with the attached brackets and hook the brackets onto the wall plate assembly.
2. Ensure the TV is securely seated on the mount.
3. Tighten the safety screws located on the bottom of the TV brackets to prevent accidental dislodgement.

6. OPERATING ADJUSTMENTS

The Mount-It! MI-345 offers full motion capabilities for optimal viewing.

- **Extension/Compression:** The articulating arm allows the TV to extend up to 23.7 inches (60.2 cm) from the wall and compress to a low profile of 2.2 inches (5.6 cm). Gently pull or push the TV to adjust its distance from the wall.
- **Swivel:** The mount can swivel 90 degrees to the left or right, depending on TV size and wall clearance. Carefully rotate the TV to achieve your desired viewing angle.
- **Tilt:** The TV can be tilted up to 2 degrees up or 12 degrees down. Loosen the tilt adjustment knobs on the TV brackets, adjust the angle, and then re-tighten the knobs to secure the position.
- **Leveling:** If minor leveling adjustments are needed after installation, some mounts allow for slight rotation. Consult the specific mechanism on your mount for this adjustment.

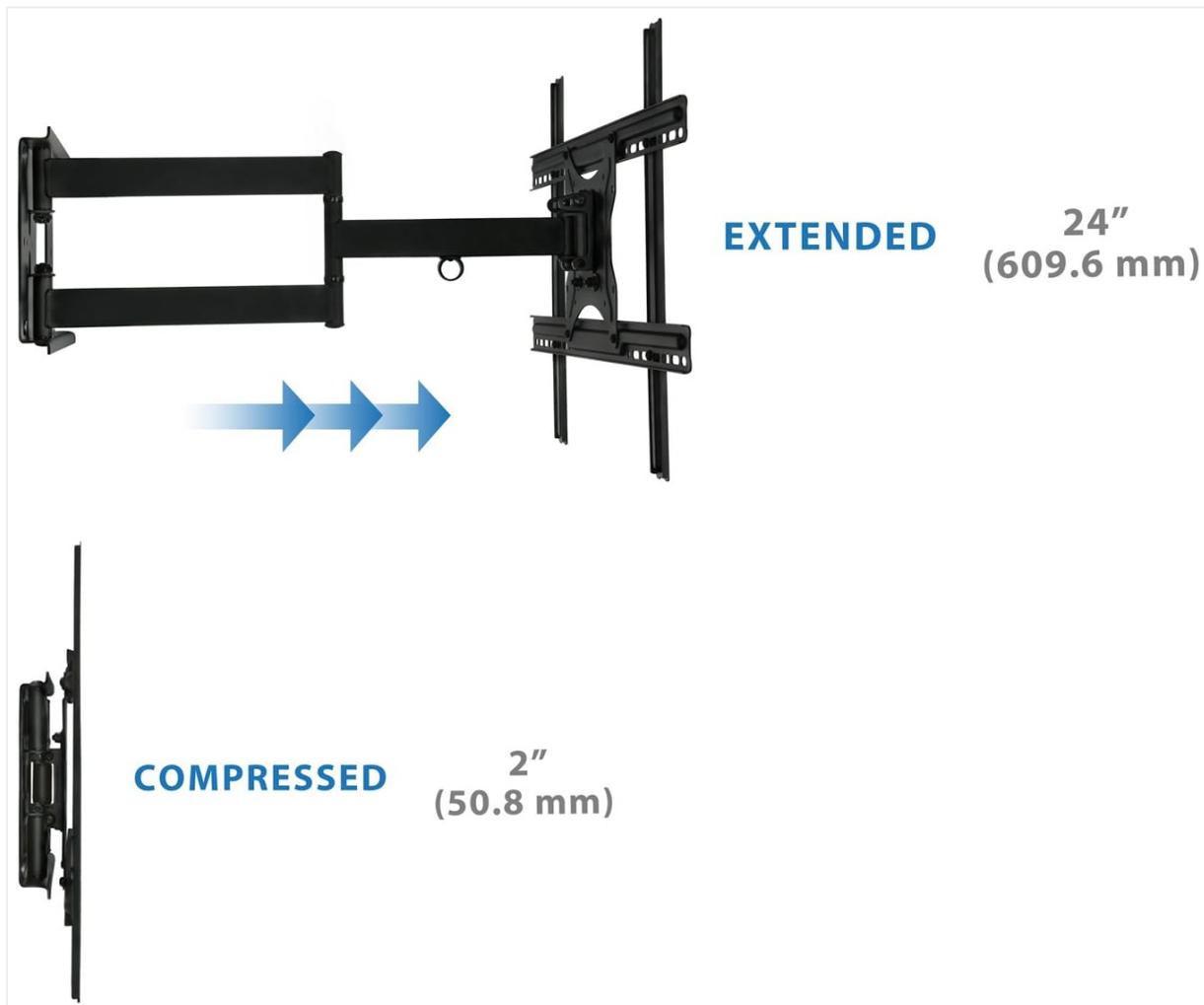


Figure 6: Mount extension and compression range.

7. 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 tight and secure. Loose connections can lead to instability.
- **Cleaning:** Wipe the mount with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** If the articulating arm or swivel points become stiff, a small amount of silicone-based lubricant can be applied to the moving joints. Do not use oil-based lubricants.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
TV is not level.	Wall plate not level during installation; minor rotational misalignment.	Check the wall plate with a bubble level. If slightly off, some mounts allow for minor post-installation leveling adjustments. Re-adjust if necessary.
Mount feels unstable or wobbly.	Loose wall bolts; incorrect wall type; TV exceeds weight limit.	Ensure all wall bolts are securely tightened. Verify the mount is installed into solid studs or concrete. Confirm TV weight is within the 100 lbs limit.
Difficulty moving the articulating arm.	Joints are stiff; cables are snagged.	Apply a small amount of silicone-based lubricant to the moving joints. Check for any cables obstructing movement.
TV screws do not fit VESA holes.	Incorrect screw size selected; VESA pattern not compatible.	Refer to your TV manual for correct VESA screw sizes. Use the provided hardware kit to find the correct screws, washers, and spacers. Confirm your TV's VESA pattern is supported by the mount.

9. SPECIFICATIONS

Feature	Detail
Model Number	MI-345
TV Size Range	32" - 70" (up to 75" depending on VESA/weight)
Maximum TV Weight	100 lbs (45 kg)
VESA Compatibility	75x75mm, 100x100mm, 200x100mm, 200x150mm, 200x200mm, 300x200mm, 300x300mm, 400x200mm, 400x300mm, 400x400mm, 600x200mm, 600x300mm, 600x400mm
Extension from Wall	2.2" (5.6 cm) to 23.7" (60.2 cm)
Tilt Angle	+2° (up) / -12° (down)
Swivel Angle	90° left / 90° right (depending on TV size)
Material	Alloy Steel
Product Dimensions	28 x 12 x 2 inches (compressed)
Wall Plate Dimensions	19" wide x 8.75" high

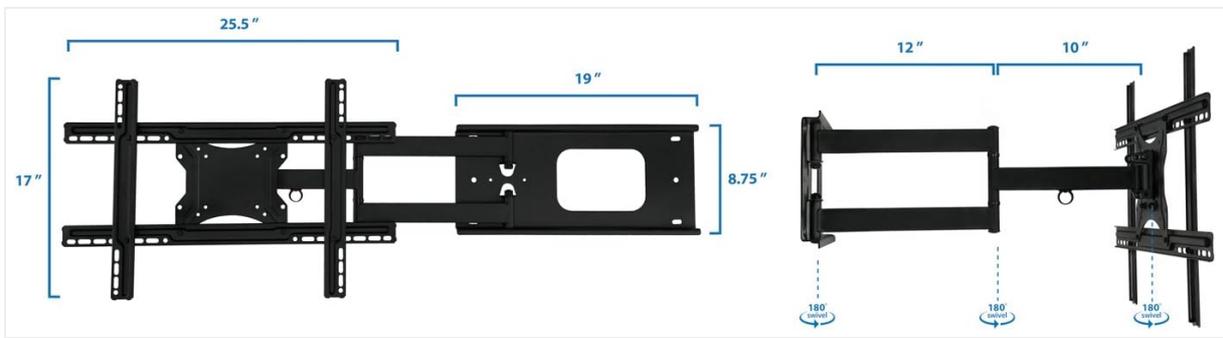


Figure 7: Mount dimensions.

10. WARRANTY & SUPPORT

Mount-It! products are designed for durability and performance. This product comes with a limited warranty against defects in materials and workmanship under normal use. For specific warranty details, please refer to the warranty card included with your product or visit the official Mount-It! website.

For technical assistance, missing parts, or any questions regarding your Mount-It! MI-345 TV Wall Mount, please contact Mount-It! customer support:

- **Website:** www.mount-it.com
- **Email:** Refer to website for contact form or email address.
- **Phone:** Refer to website for customer service phone number.

Please have your model number (MI-345) and purchase information ready when contacting support.