FORGING MOUNT EP9451-B

FORGING MOUNT Heavy Duty Long Arm TV Wall Mount User Manual

Model: EP9451-B

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your FORGING MOUNT Heavy Duty Long Arm TV Wall Mount. Please read this manual thoroughly before installation to ensure safe and correct usage.



Image 1.1: The FORGING MOUNT Heavy Duty Long Arm TV Wall Mount, showcasing its robust articulating design.

Key Features:

- **Extra Long Dual Articulating Arm:** Extends up to 43 inches from the wall, offering maximum versatility and maneuverability for optimal viewing angles.
- **Universal Compatibility:** Fits most 50-100 inch flat/curve LCD LED OLED TVs with VESA patterns from 200x100mm up to 800x400mm.
- **High Load Capacity:** Engineered with heavy-gauge steel dual mounting arms, capable of holding TVs up to 198 lbs (90 kg).

- **Full Range of Adjustment:** Allows for extension, articulation, tilt, swivel, and leveling adjustments.
- **Easy Installation:** Includes a pre-set drill hole template, various screws, and a comprehensive instruction manual for straightforward setup.
- **Versatile Wall Compatibility:** Suitable for installation on 16-inch wood stud walls and solid concrete walls.

2. Compatibility

Before installation, ensure your TV and wall are compatible with this mount. Refer to the following guidelines:

TV Size and Weight:

- **Screen Size:** Compatible with TVs ranging from 50 inches to 100 inches.
- **Maximum Load:** Supports TVs weighing up to 198 lbs (90 kg).

VESA Compatibility:

This mount supports VESA patterns from a minimum of 200x100mm to a maximum of 800x400mm. Please check the VESA pattern on the back of your TV before purchasing and installing.

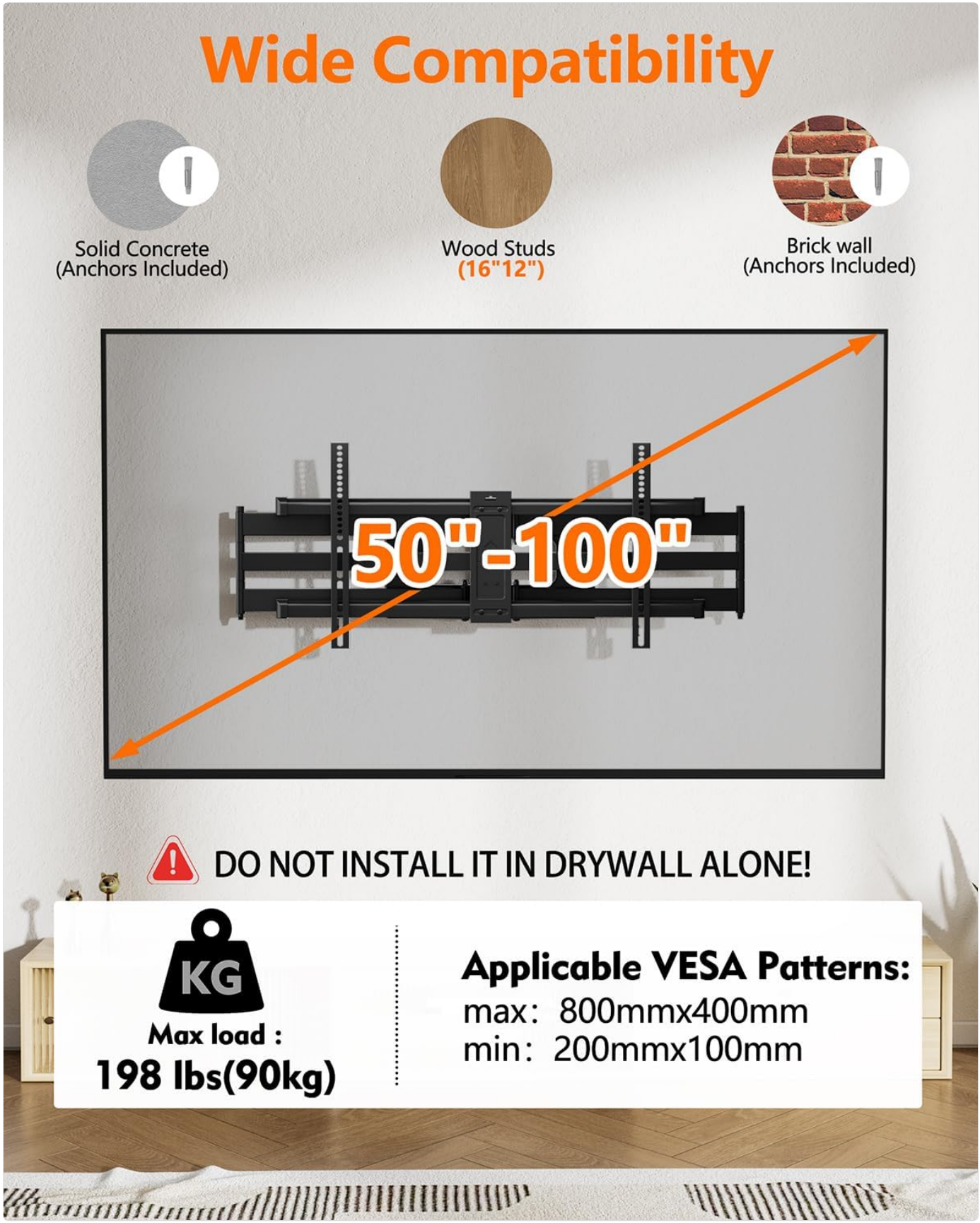


Image 2.1: Diagram illustrating the wide compatibility of the mount, showing support for 50-100 inch TVs, a maximum load of 198 lbs, and VESA patterns up to 800x400mm.

Wall Types:

The mount is designed for installation on:

- 16-inch wood stud walls
- Solid concrete walls

- Brick walls

WARNING: DO NOT INSTALL THIS MOUNT ON DRYWALL ALONE. It must be anchored into wood studs, concrete, or brick for secure installation.



Image 2.2: Visual guide for checking TV size, VESA pattern, and compatible wall types (wood studs, concrete, brick), with a warning against drywall-only installation.

3. Specifications

Feature	Specification
Brand	FORGING MOUNT
Model Number	EP9451-B
Item Weight	23.6 pounds (10.7 kg)
Product Dimensions (Retracted)	43 x 33 x 17 inches (approximate)
Color	Black
Material	Alloy Steel
Mounting Type	Wall Mount
Movement Type	Articulating, Swivel
Maximum Tilt Angle	15 Degrees (-5° to +10°)
Swivel Range	Up to 180 degrees (±75°)
Level Adjustment	±3 degrees
Extension from Wall	2.8 inches (retracted) to 43 inches (extended)
VESA Compatibility	Min 200x100mm, Max 800x400mm
Manufacturer	HY bracket

Feature	Specification
UPC	746608619588



Image 3.1: Detailed dimensions of the mount and a comprehensive list of supported VESA patterns.



Image 3.2: Illustration emphasizing the mount's robust construction and its maximum load bearing capacity of 198 lbs.

4. Setup and Installation

Careful installation is crucial for the safety and stability of your TV. It is recommended that two people perform the installation due to the weight and size of the mount and TV.

Included Accessories:

- Pre-set drill hole template
- Variety of screws for TV and wall mounting
- 6 ft HDMI cable
- 3-Axis bubble level
- 5 cable ties



Image 4.1: Display of various screws (M4, M6, M8), washers, and spacers provided for different TV models and installation needs.

General Installation Steps:

1. **Drill Template:** Use the provided template to mark and drill pilot holes on your wall according to your wall type (wood stud, concrete, or brick).
2. **Mount the Wall Plate:** Securely attach the wall plate to the wall using the appropriate lag bolts and anchors. Ensure it is level using the included bubble level.
3. **Attach Brackets to TV Back:** Fasten the TV brackets to the back of your television using the correct size screws and spacers for your TV's VESA pattern.
4. **Attach TV to Wall Plate:** Carefully lift the TV and hook the brackets onto the wall plate. Tighten all screws to secure the TV to the mount.



Image 4.2: A visual representation of the four main installation steps: drilling, mounting the wall plate, attaching TV brackets, and securing the TV to the mount.

5. Operating and Adjustments

The FORGING MOUNT TV wall mount offers a full range of motion to optimize your viewing experience.

Extension and Retraction:

The articulating arm allows the TV to extend up to 43 inches from the wall, providing maximum flexibility for viewing from various angles or rooms. It can retract to a minimum distance of 2.8 inches from the wall.



Image 5.1: The TV mount extended to its full 43-inch length, demonstrating its long reach and ability to retract to 2.8 inches.

Swivel Adjustment:

The mount allows for a wide swivel range of up to 180 degrees (±75°), enabling you to pivot your TV left or right to achieve the perfect viewing angle from any position in the room. For larger TVs (e.g., 75 inches), it can swivel 90 degrees in either direction without hitting the wall.



Image 5.2: A 75-inch TV swiveling 90 degrees, illustrating the extensive range of motion provided by the mount.

Tilt Adjustment:

Adjust the tilt angle of your TV from -5 degrees (downward) to +10 degrees (upward) to reduce glare and optimize your

viewing experience, especially useful for high mounting positions or varying light conditions.



Image 5.3: Diagram showing the tilt adjustment range of -5 degrees to +10 degrees for optimal viewing angles.

Level Adjustment:

Fine-tune the level of your TV by ±3 degrees after installation to ensure a perfectly horizontal display, correcting any minor misalignments.



Image 5.4: Illustration of the mount's 6-arm design, highlighting the level (±3°) and swivel (±75°) adjustment capabilities.

6. Maintenance

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

- **Cleaning:** Wipe the mount with a soft, dry cloth to remove dust. For stubborn marks, use a slightly damp cloth and mild detergent, then dry thoroughly. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check all screws and bolts to ensure they are tight and secure. Over time, vibrations or adjustments may cause them to loosen.
- **Movement Check:** Test the articulating, swivel, and tilt mechanisms occasionally to ensure smooth operation. If any movement feels stiff, check for obstructions or consult the troubleshooting section.

7. Troubleshooting

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

Issue: TV is not level after installation.

- **Solution:** Use the built-in level adjustment feature (±3 degrees) to fine-tune the TV's horizontal position. Ensure the wall plate itself was installed level.

Issue: Mount feels loose or unstable.

- **Solution:** Immediately remove the TV from the mount. Re-check all wall mounting bolts and TV bracket screws to ensure they are fully tightened. Verify that the mount is securely anchored into appropriate wall studs or concrete/brick, not just drywall. If unsure, consult a professional installer.

Issue: Difficulty moving the articulating arm or adjusting tilt/swivel.

- **Solution:** Ensure no cables are snagged or obstructing movement. Check for any debris in the joints. The mount is designed to be sturdy; some resistance is normal, especially with heavier TVs. If excessive force is required, re-check installation and weight limits.

Issue: Missing parts or damaged components.

- **Solution:** Contact FORGING MOUNT customer service immediately for assistance. Do not attempt to install with missing or damaged parts.

8. Warranty

The FORGING MOUNT Heavy Duty Long Arm TV Wall Mount comes with an incredible 5-year warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the product packaging or contact customer support.

9. Customer Support

FORGING MOUNT is committed to providing high-quality products and friendly customer service. If you have any questions, concerns, or require assistance with your TV wall mount, please do not hesitate to contact our customer support team.
While specific contact details are not provided in this manual, you can typically find support information on the FORGING MOUNT official website or through the retailer where you purchased the product.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question