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FORGING MOUNT HY9458-FBA

FORGING MOUNT HY9458-FBA Full Motion TV Wall Mount Instruction Manual

Model: HY9458-FBA

1. Safety Information

Please read this entire manual before installation and assembly. If you have any questions regarding any of the instructions or warnings, please contact your local distributor for assistance.

- Do not begin installation until you have read and understood all instructions and warnings contained in this installation sheet.
- Ensure the mounting surface will safely support the combined weight of the equipment and all attached hardware and components.
- Never exceed the maximum load capacity of 100 kg (220 lbs).
- This product is designed for installation on solid concrete walls, brick walls, or wood stud walls. Do not install directly onto drywall alone.
- Use safety gear and proper tools for installation.
- This product contains small items that could be a choking hazard if swallowed. Keep these items away from children.
- Always use an assistant or mechanical lifting equipment to safely lift and position the television.

2. Package Contents

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

The package includes:

- TV Wall Mount Assembly
- Mounting Hardware Kit (various screws, washers, spacers for TV and wall)
- Installation Template
- Instruction Manual (this document)

3. Product Overview

The FORGING MOUNT HY9458-FBA is a robust full-motion TV wall mount designed for large screens, offering flexibility and security.

Key Features:

- **Robust Double-Arm Design:** Constructed from high-strength steel with a double-arm structure to prevent forward tilting, supporting up to 100 kg (220 lbs).
- **Extended Reach:** Features an articulated arm that extends up to 1090 mm (42.9 inches) from the wall for versatile viewing angles, retracting to a slim 71 mm (2.8 inches) when not in use. Ideal for corner installations.
- **Multi-Directional Adjustments:** Offers 180° horizontal swivel, -12° to +5° tilt, and ±3° post-installation leveling for optimal viewing and glare reduction.
- **Enhanced Safety:** Built with a six-arm steel structure and rigorously tested for load capacity, ensuring stability and durability.
- **Easy Installation:** Pre-assembled components and a detailed instruction manual with a mounting template facilitate quick setup.



Image: The robust double-arm design of the FORGING MOUNT TV wall mount, demonstrating its 100 kg weight capacity with two kettlebells hanging from it.

4. Installation Guide

Follow these steps carefully for a secure installation. It is recommended to have two people for installation.

4.1 Pre-Installation Check

- **TV Compatibility:** Ensure your TV's VESA pattern (distance between mounting holes on the back of the TV) is

within the supported range (e.g., up to 900x600mm).

- **Wall Type:** Identify your wall type (wood stud, concrete, brick) and use appropriate hardware.
- **Tools Required:** Drill, stud finder (for wood studs), level, tape measure, pencil, socket wrench.

4.2 Attaching Brackets to TV

1. Carefully place your TV face-down on a soft, clean surface.
2. Identify the correct screws, washers, and spacers from the hardware kit that fit your TV's mounting holes.
3. Attach the vertical TV brackets to the back of your TV using the selected hardware. Ensure they are securely fastened but do not overtighten.



Image: A visual guide to the 3-step installation process, including attaching supports to the TV, installing the wall plate, and hanging the

TV onto the wall plate. Product dimensions are also shown.

4.3 Mounting the Wall Plate

4. Determine the desired height for your TV. Mark the center of the desired TV position on the wall.
5. Place the wall plate template against the wall, aligning its center with your mark, and ensure it is level.
6. Mark the drilling locations through the template.
7. Drill pilot holes at the marked locations. For wood studs, drill appropriate size holes. For concrete/brick, use a masonry drill bit and insert wall anchors.
8. Attach the wall plate assembly to the wall using the provided lag bolts and washers. Tighten all bolts securely.

4.4 Hanging the TV

9. With assistance, carefully lift the TV and hook the TV brackets onto the wall plate.
10. Ensure the TV is securely seated on the wall plate.
11. Engage any safety locking mechanisms on the TV brackets to prevent accidental dislodgement.



Image: The pre-assembled components of the wall mount, highlighting how they simplify the installation process and reduce installation time by 40%.

5. Operation and Adjustments

Once installed, your FORGING MOUNT TV wall mount offers various adjustments for optimal viewing.

5.1 Extension and Retraction

Gently pull or push the TV from its sides to extend or retract the arm. The arm can extend up to 1090 mm and retract to 71 mm from the wall.



Image: The TV wall mount demonstrating its full extension of 1090 mm and retraction to 66 mm from the wall, illustrating its flexible positioning.

5.2 Swivel Adjustment

The TV can be swiveled up to 180° horizontally (90° left and 90° right, depending on TV size and wall position). Gently push the TV to the desired angle.

5.3 Tilt Adjustment

The TV can be tilted downwards by 12° and upwards by 5°. Loosen the tilt adjustment knobs (if present) on the TV brackets, adjust to the desired angle, and then re-tighten the knobs.

5.4 Post-Installation Leveling

If the TV is not perfectly level after installation, you can adjust it by ±3°. This feature allows for minor rotational adjustments without re-drilling.



Image: A composite image illustrating the flexible viewing angles of the TV mount, including 180° swivel, 5°/-10° tilt, and ±3° leveling adjustment.



Image: A family watching television, demonstrating how post-installation leveling ensures the TV is perfectly positioned and level after mounting.

6. Maintenance

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

- **Periodic Inspection:** Every few months, check all screws and connections to ensure they are still tight. Re-tighten if necessary.

- **Cleaning:** Wipe the mount with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Lubrication:** The moving parts are designed for smooth operation and generally do not require lubrication. If movement becomes stiff, contact customer support.

7. Troubleshooting

Problem	Possible Cause	Solution
TV is not level	Wall plate not level during installation; post-installation leveling not adjusted.	Use the post-installation leveling feature (±3° rotation) to adjust.
Mount feels loose	Mounting bolts to wall or TV not fully tightened.	Check and securely tighten all mounting bolts. Do not overtighten.
Difficulty moving arm	Joints may be stiff.	Ensure no cables are snagged. If stiffness persists, contact customer support.
TV not fitting VESA	Incorrect VESA pattern for the mount.	Verify your TV's VESA pattern against the mount's specifications (Max VESA 900x600mm).

8. Specifications

Feature	Specification
Model Number	HY9458-FBA
Brand	FORGING MOUNT
Material	Alloy Steel
Color	Black
Mount Type	Wall Mount
Movement Type	Articulating (Full Motion)
Compatible TV Sizes	60 - 100 Inches
Maximum Load Capacity	100 kg (220 lbs)
Max VESA Compatibility	900x600mm
Extension from Wall	71 mm (min) to 1090 mm (max)
Tilt Angle	-12° (down) to +5° (up)
Swivel Angle	180° (90° left / 90° right)
Level Adjustment	±3° Post-installation
Number of Items	1
Country of Origin	China

9. Warranty and Support

This FORGING MOUNT product comes with a**6-year manufacturer warranty** from the date of purchase.

The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

For technical support, warranty claims, or missing parts, please contact FORGING MOUNT customer service through your retailer or the official FORGING MOUNT website.

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