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› FORGING MOUNT Starlink Gen 3 Wall Mount Instruction Manual (Model HY9619-B)

FORGING MOUNT HY9619-B

FORGING MOUNT Starlink Gen 3 Wall Mount Instruction Manual

Model: HY9619-B

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FORGING MOUNT Starlink Gen 3 Wall Mount, Model HY9619-B. This mount is designed to securely position your Starlink Gen 3 satellite internet kit for optimal signal reception, offering flexible adjustment and robust construction for various outdoor environments.

Please read these instructions carefully before installation to ensure safe and correct setup.

2. PACKAGE CONTENTS

Verify that all components listed below are present in your package. If any parts are missing or damaged, please contact customer support.

- Adjustable Wall Mount Arm Assembly
- Starlink Gen 3 Pipe Adapter
- Expansion Screws (for concrete/brick walls)
- Lag Screws (for wood walls)
- Washers
- Cable Clips

- Wrench (for tightening screws)



Figure 2.1: Exploded view of the FORGING MOUNT Starlink Gen 3 Wall Mount components, including the main arm, pipe adapter, and mounting hardware.

3. SETUP AND INSTALLATION

Before beginning installation, ensure you have the necessary tools (drill, level, measuring tape) and have chosen a suitable location for optimal signal reception, free from obstructions.

3.1 Choosing an Installation Location

The mount offers 360-degree horizontal rotation and a long extension arm (29.7 inches) to clear eaves and maximize signal reception. Consider locations on walls, roofs, or eaves that provide an unobstructed view of the sky.

Longer Extension Arms to Receive Signals



OUR

VS

Short Extension Arms block signals and it unable to avoid hitting the wall



OTHERS

Figure 3.1: Illustrates the benefit of the long extension arm for clear signal reception over rooflines.

Suitable for Installation Different Scenes



Wooden Wall



Stone/Brick/
Concrete Wall



Figure 3.2: Examples of suitable installation surfaces: wood, concrete, or brick walls.

3.2 Installation Steps

1. **Secure the Base:** Position the wall mount base on your chosen surface. Use a level to ensure it is straight. Mark the drilling points.
2. **Drill Holes:** Drill pilot holes according to the marked points. Use appropriate drill bits for your wall type (wood, concrete, or brick).
3. **Mount the Base:** Attach the wall mount base using the provided screws.
 - For **wood walls**, use the lag screws.
 - For **concrete or brick walls**, insert the expansion anchors into the drilled holes, then use the expansion screws.

Ensure the base is securely fastened.

4. **Attach the Arm Assembly:** Connect the adjustable arm assembly to the mounted base.
5. **Tighten Screws:** Use the provided wrench to tighten all screws on the arm assembly, ensuring a stable connection.
6. **Prepare Starlink Dish:** Remove the original Starlink mount from your Gen 3 dish.
7. **Install Pipe Adapter:** Attach the FORGING MOUNT Starlink Gen 3 pipe adapter to the main pole of the mount. The unique buckle design allows for easy installation without screws, preventing damage to your Starlink.
8. **Mount Starlink Dish:** Carefully slide your Starlink Gen 3 dish onto the pipe adapter. Ensure it clicks securely into place.
9. **Cable Management:** Route the Ethernet cable through the concealed cable port in the mount. Use the included cable clips to maintain a clean appearance and protect the cable.



Figure 3.3: Visual guide for the installation process.

4. OPERATION AND ADJUSTMENT

Once installed, the mount allows for flexible positioning to optimize your Starlink's performance.

4.1 Adjusting Position

- **Horizontal Rotation:** The mount features 360-degree horizontal rotation. Loosen the appropriate locking screws to adjust the arm's angle and height, then re-tighten to secure.
- **Swivel:** The articulating long arm can swivel left or right up to 180 degrees, providing flexibility for corner or eaves installations.
- **Tilt:** The Starlink Gen 3 pipe adapter allows for a tilt adjustment of approximately ± 8 degrees, which can be fine-tuned using the locking screw on the adapter.

Adjustable

Locking Screw to Fix Angle



Figure 4.1: Adjustable features for optimal signal alignment.

Perfect for Corner Eaves Installation

With Flexible Long Arm Folding

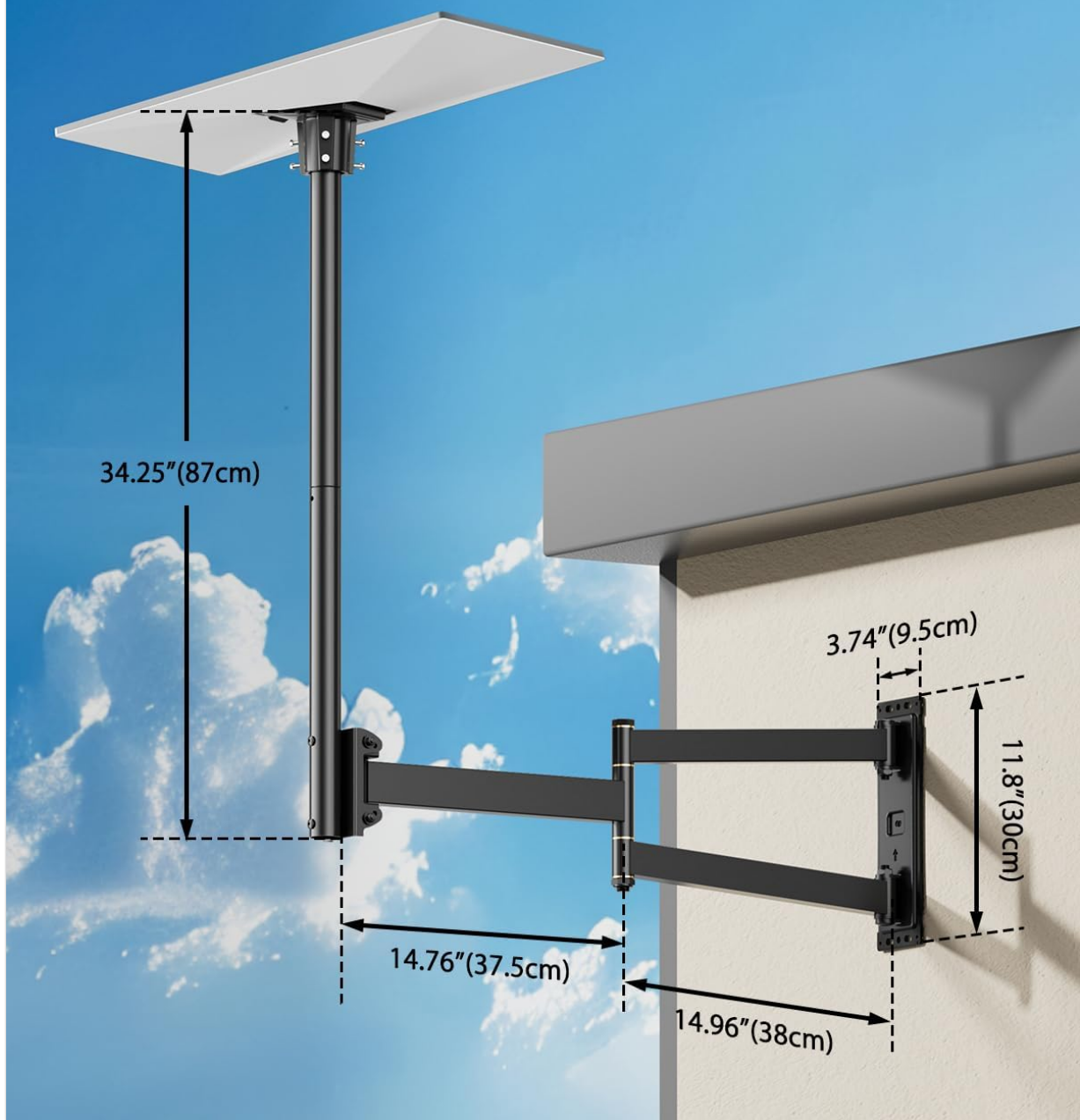


Figure 4.2: Key dimensions of the mount for planning installation.

5. MAINTENANCE

The FORGING MOUNT Starlink Gen 3 Wall Mount is constructed from durable alloy steel designed for long-term outdoor use and minimal maintenance.

- **Regular Inspection:** Periodically inspect all mounting points and screws for tightness, especially after severe weather conditions. Re-tighten if necessary.
- **Cleaning:** Clean the mount with a damp cloth to remove dirt or debris. Avoid abrasive cleaners.
- **Cable Check:** Ensure the Starlink cable remains securely routed and protected by the cable clips. Check for any signs of wear or damage to the cable.

Stainless Steel Designed for Outdoor Use



Figure 5.1: The mount is designed to withstand various weather conditions.

6. TROUBLESHOOTING

If you encounter issues with your Starlink setup related to the mount, consider the following:

- **Poor Signal Reception:**
 - Verify the Starlink dish has an unobstructed view of the sky. Use the Starlink app to check for obstructions.
 - Adjust the mount's horizontal rotation, swivel, and tilt to find the optimal position.
 - Ensure all locking screws are securely tightened after adjustment.
- **Mount Instability:**

- Check all wall mounting screws to ensure they are tight.
 - Confirm the wall surface is structurally sound and appropriate for the mount type.
 - Ensure the Starlink dish is properly seated and locked into the pipe adapter.
- **Cable Damage:**
 - Inspect the Starlink cable for any kinks, cuts, or damage.
 - Ensure the cable is routed through the concealed port and secured with clips to prevent strain or abrasion.

7. SPECIFICATIONS

Feature	Detail
Model Number	HY9619-B
Brand	FORGING MOUNT
Compatibility	Starlink Gen 3 Kickstand (Rev4 standard)
Mounting Type	Wall Mount
Material	Alloy Steel
Extension Arm Length	29.7 inches (75.5 cm)
Horizontal Rotation	360 degrees
Swivel Angle	180 degrees (left/right)
Dish Tilt Adjustment	±8 degrees (approx.)
Item Weight	9.9 pounds (4.49 kg)
Product Dimensions (L x W x H)	17 x 12 x 4 inches (packaged)
Color	Black

Applicable Model Compatibility

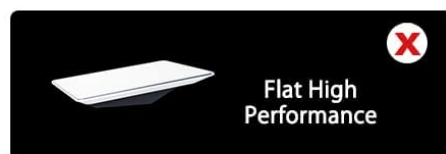
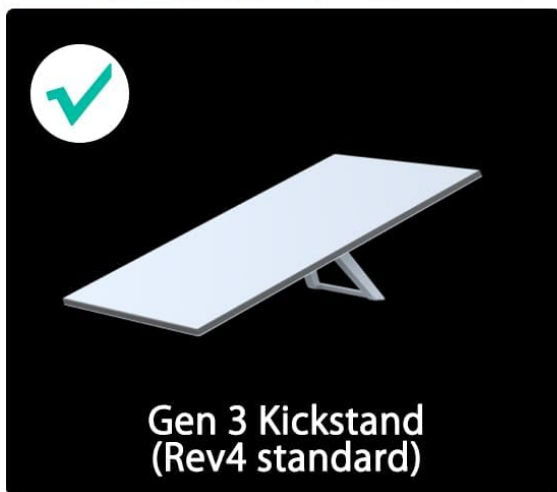


Figure 7.1: Model compatibility for the FORGING MOUNT Starlink Gen 3 Wall Mount.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the manufacturer's official website or contact your retailer. Keep your purchase receipt for warranty claims.

Manufacturer: HY bracket

