

VEVOR SH-SL-002

VEVOR Starlink Gen 3 Roof Mount (SH-SL-002) Instruction Manual

Model: SH-SL-002

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VEVOR Starlink Gen 3 Roof Mount (Model SH-SL-002). This heavy-duty steel mount is designed to securely position your Starlink Gen 3 or V3 dish on flat rooftops, offering adjustable angles for optimal signal reception and robust weather resistance. Please read this manual thoroughly before installation and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Installation of this product involves working at heights and with electrical equipment. Failure to follow safety guidelines can result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and a safety harness when working on a roof.
- Ensure the roof surface is stable and can support your weight and the equipment.
- Do not install during adverse weather conditions such as strong winds, rain, or lightning.
- Disconnect power to the Starlink dish before handling any connections.
- Consult a qualified professional if you are unsure about any part of the installation process.
- Ensure all fasteners are tightened securely to prevent the mount from shifting due to wind or other environmental factors.

3. PACKAGE CONTENTS

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



Figure 3.1: Included Accessories and Mount Dimensions

- 1 x Starlink Gen 3 Roof Mount Assembly
- 1 x Instruction Manual
- 1 x 4# Hex Wrench
- 1 x Open-End Wrench
- 4 x Expansion Screws
- 4 x Expansion Sleeves
- 2 x M6*50 Screws
- 12 x M5*8 Screws

4. SETUP AND INSTALLATION

The VEVOR Starlink Gen 3 Roof Mount is designed for straightforward installation on flat roof surfaces. Follow these steps for secure mounting and optimal performance.

4.1. Site Selection

Choose a location on your flat roof that offers an unobstructed view of the sky, free from trees, buildings, or other obstacles that could interfere with the Starlink signal. The mount's design helps preserve roof integrity

and visual appeal.

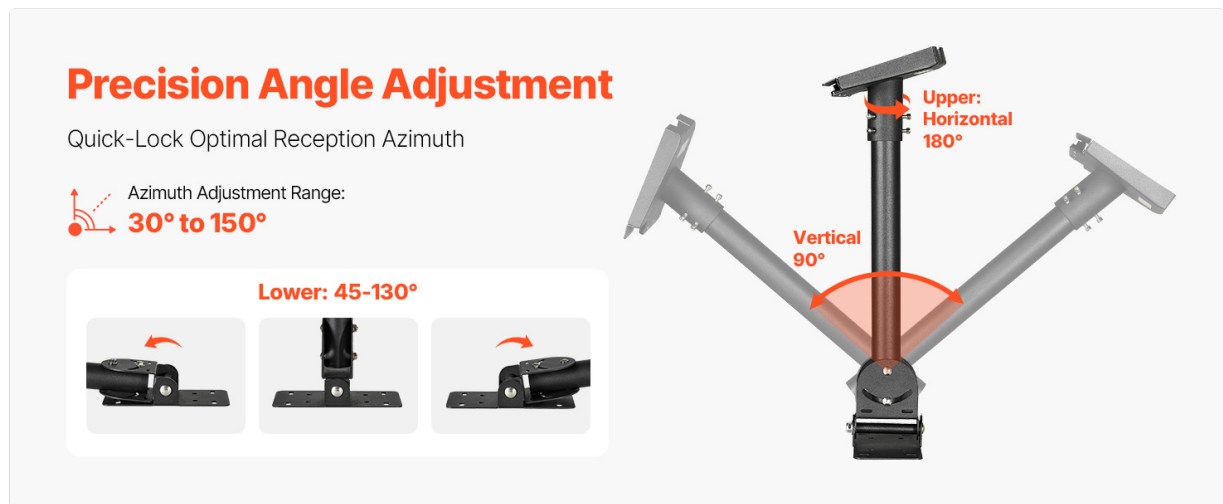


Figure 4.1: Flexible Installation on a Roof

4.2. Assembly Steps

Assemble the mount components as shown in the diagram below. Ensure all connections are firm before proceeding to roof installation.

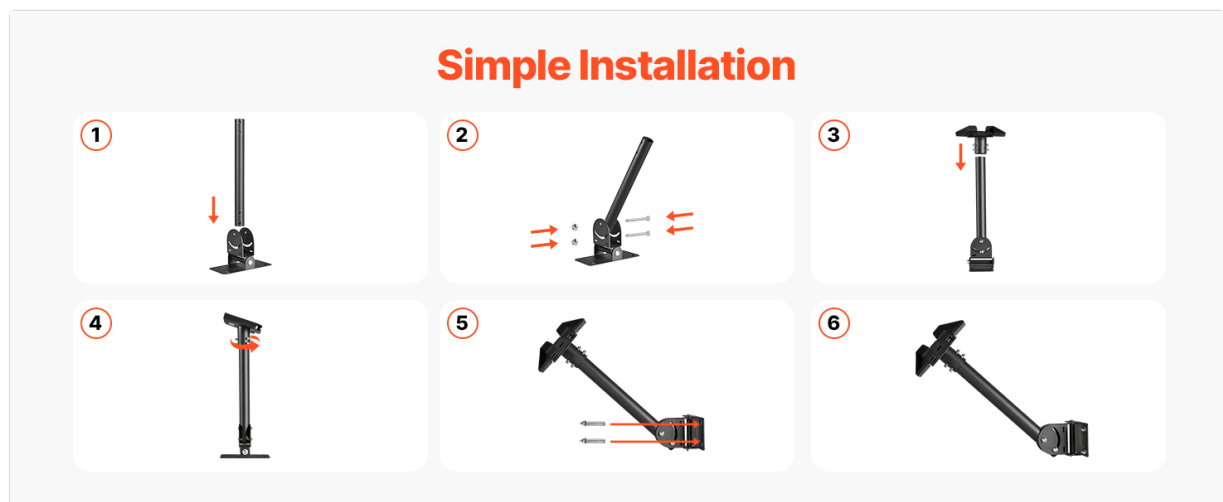


Figure 4.2: Simple Installation Steps

1. Attach the main pole to the base plate using the provided screws and wrenches.
2. Secure the adjustable V-shaped mounting base to the main pole.
3. Insert the Starlink Gen 3 dish into the adapter at the top of the mount.
4. Ensure all bolts are hand-tightened initially.

4.3. Roof Mounting

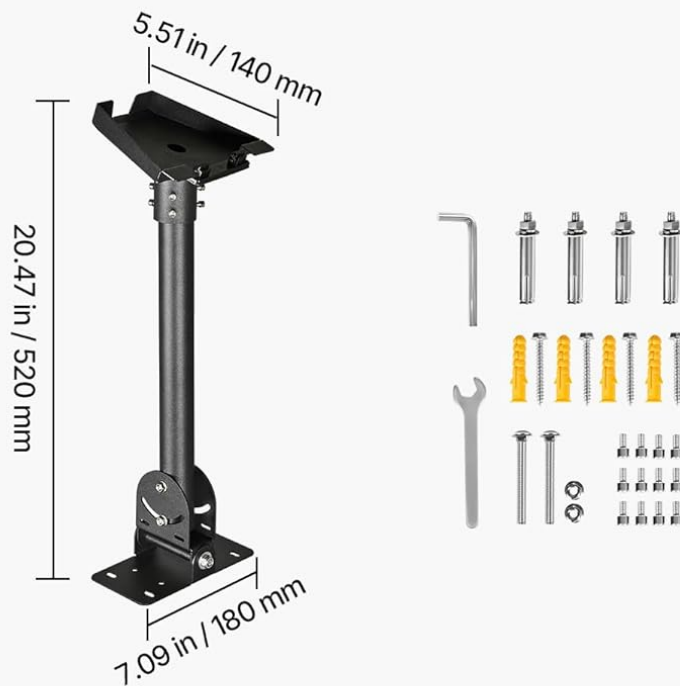
Position the assembled mount on the selected flat roof area. Use the expansion screws and sleeves to securely fasten the base plate to the roof structure. It is recommended to seal any drilled holes with appropriate roofing sealant to prevent water ingress.



Figure 4.3: Heavy-Duty Stainless Steel Mount in use

4.4. Extended Support Pole

The mount features an extended support pole (16.14 in / 410 mm) to elevate the Starlink dish, enhancing signal reception by overcoming potential height limitations and reducing obstructions.



Item Model Number: **SH-SL-002**

Compatible Starlink Models: **Starlink Gen 3**

Installation Method: **Roof (Flat Surface) Mount**

Azimuth Adjustment Range:

30°–150° (Adjustable V-shaped Mounting Base)

Connection Tube Diameter: **1.5 in / 38 mm**

Connection Tube Wall Thickness: **0.06 in / 1.5 mm**

Connection Tube Length: **16.14 in / 410 mm**

Product Weight: **3.97 lbs / 1.8 kg**

Product Dimensions: **7.09 × 5.51 × 20.47 in / 180 × 140 × 520 mm**

Accessories:

1 x Instruction Manual

2 x M6*50 Screws

12 x M5*8 Screws

1 x 4# Hex Wrench

4 x Expansion Screws

1 x Open-End Wrench

4 x Expansion Sleeves

Figure 4.4: Extended Support Rods for Better Antenna Positioning

5. OPERATING INSTRUCTIONS

The VEVOR Starlink Gen 3 Roof Mount allows for multi-angle adjustment to optimize your Starlink dish's signal reception.

5.1. Angle Adjustment

The mount features a 30°–150° azimuth range with a V-shaped base adjustment. This allows for precise alignment with Starlink satellites. Loosen the adjustment bolts, carefully position the dish for optimal signal (refer to your Starlink app for signal strength), and then securely tighten all bolts to lock the angle in place.



Figure 5.1: 3-Axis Angle Adjustment

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your VEVOR Starlink Gen 3 Roof Mount.

- **Periodic Inspection:** Annually inspect all bolts, screws, and mounting points for tightness. Re-tighten any loose fasteners.
- **Cleaning:** Clean the mount and surrounding area as needed to remove dirt, debris, or ice buildup that could affect stability or signal. Use a soft cloth and mild detergent if necessary.
- **Corrosion Check:** Although the mount features a corrosion-resistant coating, periodically check for any signs of rust or damage, especially in harsh weather environments. Address any issues promptly to prevent further degradation.

7. TROUBLESHOOTING

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

- **Poor Signal Reception:**
 - Verify the mount's angle adjustment. Use the Starlink app to fine-tune the dish's orientation for the best signal.
 - Check for new obstructions (e.g., tree growth, new construction) that might be blocking the dish's line of sight.
 - Ensure the extended support pole is providing sufficient elevation.
- **Mount Instability:**
 - Inspect all mounting bolts and screws for tightness. Re-tighten as necessary.
 - Ensure the roof surface where the mount is installed is structurally sound.
 - Check for any damage to the mount components.
- **Missing or Damaged Parts:** If any components are missing or damaged upon arrival, contact VEVOR customer support immediately for assistance.

8. SPECIFICATIONS

Feature	Specification
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Item Model Number	SH-SL-002
Compatible Starlink Models	Starlink Gen 3, V3
Installation Method	Roof (Flat Surface) Mount
Azimuth Adjustment Range	30°–150° (Adjustable V-shaped Mounting Base)
Connection Tube Diameter	Ø1.5 in / 38 mm
Connection Tube Wall Thickness	0.06 in / 1.5 mm
Connection Tube Length	16.14 in / 410 mm
Product Weight	3.97 lbs / 1.8 kg
Product Dimensions (L x W x H)	7.09 x 5.51 x 20.47 inches / 180 x 140 x 520 mm
Material	Heavy-Duty Steel (Q235 Alloy Steel)
Coating	Corrosion-resistant Powder Spraying Process

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official VEVOR website or contact VEVOR customer service directly. Keep your purchase receipt for warranty claims.