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AMEYXGS Steadywing

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Model: Steadywing | Brand: AMEYXGS

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the AMEYXGS Archery Bow Stabilizer. Designed for compound bows, this stabilizer system enhances balance, reduces vibration, and improves shooting accuracy. It features a 3K carbon fiber body, a damping system, and a versatile weight kit, along with a quick-disconnect V-bar mount for easy installation and adjustment.

2. PRODUCT OVERVIEW

The AMEYXGS Archery Bow Stabilizer is engineered for optimal performance and durability. Key features include:

- **Versatile Design:** Includes 6", 8", 10", 12", and 15" rods to customize bow balance and stability.
- **Premium Materials:** Crafted with a 3K carbon fiber body and an aluminum alloy base, incorporating a damping system to effectively reduce vibration and noise.
- **Adjustable Mount:** Features a single-side V-bar mount with a quick disconnect design for easy installation and removal.
- **Weight Kit Included:** Comes with stackable weights (2 oz x 2) that can be added or removed to achieve desired balance and stabilization.
- **Durable Construction:** Built to withstand the rigors of archery, ensuring long-lasting performance and reliability.



Figure 2.1: The AMEYXGS Archery Bow Stabilizer, showcasing its sleek design and carbon fiber construction.



Figure 2.2: The stabilizer attached to a compound bow, demonstrating its integration and functional position.

3K CARBON FIBER BODY ALUMINUM ALLOY BASE



Figure 2.3: Detailed view of the stabilizer components, including the 3K carbon fiber body, aluminum alloy base, damping system, structural gaskets, and stackable weights.

SIZE AND THREAD



Figure 2.4: Illustration of various stabilizer rod lengths (6", 8", 10", 12", 15") and their respective thread sizes for bow riser/quick disconnect and damping/weights.

3. SETUP AND INSTALLATION

Follow these steps to properly install your AMEYXGS Archery Bow Stabilizer and V-Bar Mount:

1. **Unpack Components:** Carefully remove all parts from their packaging, including the stabilizer rods, quick disconnect, V-bar mount, and hex wrench.
2. **Assemble V-Bar Mount:** Attach the quick disconnect component to the V-bar mount using the provided hex wrench. Ensure it is securely tightened.
3. **Attach V-Bar Mount to Bow:** Screw the assembled V-bar mount into the stabilizer bushing on your compound bow's riser. Use the hex wrench to tighten it firmly.
4. **Install Stabilizer Rods:**
 - Screw the main stabilizer rod (e.g., 6", 8", 10", 12", or 15") into the quick disconnect on the V-bar mount.
 - If using a multi-rod setup, screw the secondary stabilizer rod into the other side of the V-bar mount.
5. **Adjust Angle:** The V-bar mount allows for angle adjustments. Loosen the adjustment screw, set your desired angle for optimal balance, and then re-tighten the screw.

6. **Add/Remove Weights:** Customize the balance by adding or removing the stackable weights at the end of the stabilizer rods.

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Video 3.1: Step-by-step installation guide for the AMEYXGS Archery Bow Stabilizer and V-Bar Mount. This video demonstrates unpacking, assembling the quick disconnect and V-bar mount, attaching it to the bow, installing the stabilizer rods, and making angle adjustments.

4. OPERATING AND ADJUSTMENT

The primary function of the bow stabilizer is to improve balance and reduce hand shock and noise during shooting. Proper adjustment is crucial for optimal performance.

- **Balance Adjustment:** Experiment with different stabilizer rod lengths and the included weights to find the perfect balance point for your bow and shooting style. A well-balanced bow will feel stable at full draw and minimize torque.
- **V-Bar Angle:** The V-bar mount allows you to adjust the angle of the side rods. This helps fine-tune the balance and counter-torque, especially for competitive shooting. Adjust incrementally and test to find your preferred setting.
- **Quick Disconnect:** Utilize the quick disconnect feature for convenient attachment and removal of the stabilizer. This is particularly useful for transport or storage.

5. MAINTENANCE

To ensure the longevity and performance of your stabilizer, follow these maintenance guidelines:

- **Regular Cleaning:** Wipe down the carbon fiber rods and metal components with a clean, dry cloth after each use to remove dirt, dust, and moisture.
- **Inspect Connections:** Periodically check all threaded connections (stabilizer to quick disconnect, quick disconnect to V-bar, V-bar to bow) to ensure they are tight. Loose connections can affect performance and potentially cause damage.
- **Lubrication:** Apply a small amount of thread lubricant to the screw threads if they become difficult to turn. Avoid over-lubrication.
- **Storage:** Store the stabilizer in a dry, cool place away from direct sunlight and extreme temperatures. If storing for extended periods, consider detaching it from the bow.
- **Avoid Impact:** While durable, avoid dropping or subjecting the stabilizer to hard impacts, as this can damage the carbon fiber or internal damping system.

6. TROUBLESHOOTING

If you encounter any issues with your stabilizer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Excessive vibration or noise	Loose connections; insufficient damping; incorrect weight distribution.	Ensure all connections are tight. Verify the damping system is intact. Adjust weights to optimize balance.

Problem	Possible Cause	Solution
Stabilizer feels unbalanced	Improper weight setup; incorrect rod length for bow.	Experiment with adding or removing weights. Try different length stabilizer rods if available. Adjust V-bar angle.
Difficulty attaching/detaching quick disconnect	Dirt or debris in threads; overtightened.	Clean threads thoroughly. Do not overtighten during installation. Apply minimal thread lubricant if needed.

If the issue persists after attempting these solutions, please contact AMEYXGS customer support.

7. SPECIFICATIONS

Attribute	Detail
Model Name	Steadywing
Brand	AMEYXGS
Material	3K Carbon Fiber
Color	Black
Available Rod Lengths	6", 8", 10", 12", 15"
Item Package Dimensions (L x W x H)	9.4 x 1.5 x 1.5 inches
Package Weight	0.69 Pounds
Included Components	1x 6/8/10/12/15" Bow stabilizer (depending on variant), Quick Disconnect, V-Bar Mount, Weights Kit, Hex Wrench
Suggested Users	Unisex-adult

8. WARRANTY AND SUPPORT

The AMEYXGS Archery Bow Stabilizer comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact AMEYXGS customer service through the retailer's platform or the official AMEYXGS website. Provide your product model and a detailed description of the issue for prompt assistance.

Visit the [AMEYXGS Store](#) for more information and product updates.