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› AMEYXGS E8 Compound Bow User Manual

AMEYXGS E8

AMEYXGS E8 Compound Bow User Manual

For Archery, Hunting, and Target Practice

1. PRODUCT OVERVIEW

The AMEYXGS E8 compound bow is a versatile and powerful archery equipment designed for archers engaged in hunting and target shooting. It features an adjustable poundage range of 19-70 lbs and an adjustable draw length of 19-30 inches, accommodating various archer strengths and sizes. The bow delivers an impressive arrow speed of 320 fps, attributed to its dual cams made of 6061-T6 CNC machined aluminum alloy with bearings. With a 7-inch Brace Height and 31-inch Axle-to-Axle, it provides a compact yet stable platform. The aluminum alloy bow grip ensures a comfortable and secure hold. The E8 compound bow offers efficient energy transfer for accurate and powerful shots, measuring 87.5 x 31.5 x 5.7 cm (34.4 x 12.4 x 2.2 inches) and weighing approximately 1790 g (3.9 lbs), making it lightweight and portable.





Figure 1: Front view of the AMEYXGS E8 Compound Bow.

Key Features:

- **Adjustable Draw Weight:** Poundage range of 19-70 lbs, suitable for archers of varying strengths.
- **Versatile Draw Length:** Draw distance adjustable from 19-30 inches.
- **Upgraded Aluminum Alloy Spacing Module:** Provides enhanced strength and lighter weight.
- **Compact Design:** Brace Height of 7 inches and Axle-to-Axle of 31 inches.
- **High-Performance:** 75% Let-off, arrow speed up to 320 fps.

2. SAFETY INFORMATION

Archery can be dangerous if proper safety precautions are not followed. Always prioritize safety to prevent injury to yourself and others.

- **Read the Manual:** Familiarize yourself with all instructions and warnings before using the bow.
- **Inspect Equipment:** Before each use, thoroughly inspect your bow, arrows, and all accessories for any signs of damage or wear. Do not use damaged equipment.
- **Wear Protective Gear:** Always wear appropriate protective gear, including armguard, finger tab or release aid, and safety glasses.
- **Never Dry Fire:** Never draw and release the bowstring without an arrow nocked. Dry firing can cause severe damage to the bow and potential injury to the archer.
- **Be Aware of Surroundings:** Ensure your shooting area is clear of people, animals, and obstructions. Always know what is beyond your target.
- **Proper Arrow Selection:** Use only arrows that are correctly spined and weighted for your bow's draw weight and length.
- **Supervision:** Minors should only use the bow under direct adult supervision.

3. PACKAGE CONTENTS

The AMEYXGS E8 Compound Bow package includes the following:

- 1 x AMEYXGS E8 Compound Bow

Note: Additional accessories such as sights, arrow rests, and stabilizers are sold separately.

4. INITIAL SETUP

Your AMEYXGS E8 Compound Bow typically comes pre-strung and partially assembled. Follow these general steps for initial setup:

1. **Unpack the Bow:** Carefully remove the bow and any included accessories from the packaging.
2. **Inspect for Damage:** Before proceeding, visually inspect the bow for any shipping damage or manufacturing defects. Contact customer support if any issues are found.
3. **Attach Accessories (if applicable):** If you have purchased additional accessories like an arrow rest, sight, or stabilizer, follow their respective instruction manuals for proper attachment to the bow's mounting points. Ensure all screws are tightened securely.
4. **Adjust Draw Length and Weight:** Proceed to Section 5 for detailed instructions on adjusting the bow to your personal specifications.





Figure 2: Angled view of the AMEYXGS E8 Compound Bow, showing mounting points for accessories.

5. ADJUSTMENTS

The AMEYXGS E8 Compound Bow offers adjustable draw length and draw weight to customize it to your preference without the need for a bow press.

5.1. Draw Length Adjustment

The draw length can be adjusted from 19 to 30 inches in 0.5-inch increments. This adjustment is made directly on the cam module.

1. Locate the draw length module on the cam.
2. Using an appropriate hex key, loosen the screw(s) securing the module.
3. Rotate the module to align the desired draw length setting with the indicator mark.
4. Securely tighten the screw(s) to lock the module in place. Ensure it is firmly seated before use.

5.2. Draw Weight Adjustment

The draw weight can be adjusted from 19 to 70 lbs. This is achieved by turning the limb bolts.

1. Identify the limb bolts located at the top and bottom of the riser, where the limbs attach.
2. To **increase** draw weight, turn both limb bolts clockwise. Each full turn typically adjusts the weight by 3-5 lbs.
3. To **decrease** draw weight, turn both limb bolts counter-clockwise.
4. Ensure both limb bolts are turned an equal number of turns to maintain even limb tension. Do not exceed the maximum recommended turns for loosening (consult the bow's markings or contact support if unsure).

Video 1: This video demonstrates the features of the AMEYXGS E8 Compound Bow, including its adjustable draw length and draw weight mechanisms, cam system, and manufacturing processes. It visually explains how to adjust the bow's settings.

6. OPERATING INSTRUCTIONS

Once your bow is properly set up and adjusted, you can begin shooting. Always practice in a safe and designated archery area.

1. **Stance:** Stand with your feet shoulder-width apart, perpendicular to the target.
2. **Nock the Arrow:** Place the arrow on the arrow rest and attach the nock to the bowstring. Ensure the fletching is correctly oriented.
3. **Grip:** Hold the bow grip firmly but relaxed, allowing the bow to pivot slightly in your hand.
4. **Draw the Bow:** Using your back muscles, smoothly draw the bowstring back to your anchor point.
5. **Aim:** Use your sight to align with the target.
6. **Release:** Execute a smooth and consistent release, either with a finger tab or a mechanical release aid.
7. **Follow Through:** Maintain your shooting form until the arrow hits the target.

7. MAINTENANCE

Regular maintenance will prolong the life of your AMEYXGS E8 Compound Bow and ensure optimal performance.

- **String and Cable Waxing:** Regularly apply bowstring wax to the main string and cables to protect them from wear and weather. Follow the wax manufacturer's instructions.

- **Limb Inspection:** Periodically check the limbs for any cracks, splinters, or delamination.
- **Cam Inspection:** Ensure cams rotate freely and are free of debris. Check for any unusual wear on the cam grooves.
- **Fastener Check:** Regularly check all screws and bolts (e.g., limb bolts, accessory mounting screws) for tightness. Do not overtighten.
- **Storage:** Store your bow in a cool, dry place, away from extreme temperatures and direct sunlight. Use a bow case for protection during transport and storage.
- **Professional Service:** For complex adjustments or repairs, it is recommended to consult a qualified archery technician.

8. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Inconsistent Accuracy	Improper form, loose accessories, incorrect arrow rest or sight settings, damaged fletching.	Review shooting form, check all accessory tightness, verify sight and rest settings, inspect arrows.
Bow is Noisy	Loose accessories, worn string/cables, dry firing, cam timing issues.	Check all accessories, wax string/cables, ensure no dry firing, consult a technician for cam timing.
Difficulty Drawing Bow	Draw weight set too high, incorrect draw length.	Decrease draw weight (Section 5.2), adjust draw length (Section 5.1).
String/Cable Fraying	Lack of waxing, sharp edges on cams/rest, excessive use.	Apply bowstring wax, inspect bow for sharp points, consider string/cable replacement by a professional.

9. SPECIFICATIONS

Detailed technical specifications for the AMEYXGS E8 Compound Bow:

Feature	Specification
Model Name	E8
Brand	AMEYXGS
Material	Aluminum
Axle-to-Axle	31 inches
Brace Height	7 inches
Draw Length	19 - 30 inches (adjustable in 0.5" increments)
Draw Weight	19 - 70 lbs (adjustable)
Let-Off	75%

Feature	Specification
IBO Speed	Up to 320 fps
Item Weight	1.77 kg (3.9 lbs)
Dimensions (L x W x H)	87.5 x 31.5 x 5.7 cm (34.4 x 12.4 x 2.2 inches)
Country/Region of Origin	China

10. WARRANTY AND SUPPORT

10.1. Warranty Information

The AMEYXGS E8 Compound Bow comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, dry firing, improper maintenance, or unauthorized modifications.

10.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your AMEYXGS E8 Compound Bow, please contact our customer support:

- **Manufacturer:** AMEYXGS
- **Contact Information:** Canada - B.C Unit #160 - 12811 Clarke Place / Richmond B.C. V6V 2H9 Canada
- **Phone:** +1 7783588766

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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