

Trophy Ridge AATS2011R19

Trophy Ridge Alpha React 1 Pin Sight User Manual

Brand: Trophy Ridge

PRODUCT OVERVIEW

The Trophy Ridge Alpha™ React® 1 Pin Sight is engineered to provide unparalleled accuracy and ease of use for archers. Featuring an innovative .019" single-pin design with a unique A-shape, it naturally guides your eye to the target without obstructing your view. The sight incorporates Trophy Ridge's renowned React® Technology, which simplifies the sighting-in process: after just two initial yardage adjustments, the remaining yardage indicators are automatically calibrated for dead-center accuracy across various distances. This sight also offers advanced tool-less windage and elevation adjustments, along with second- and third-axis leveling, enhancing accuracy even at severe angles and longer ranges. A rheostat light is integrated to allow brightness adjustment, ensuring optimal visibility in diverse shooting conditions.

Key Features

- **ENHANCED VISIBILITY:** A-shaped .019" single-pin sight for clear target acquisition.
- **INNOVATIVE DESIGN:** Unique angular pin shape guides the eye without blocking vitals.
- **REACT TECHNOLOGY:** Automatic sighting-in of remaining indicators after only two yardage adjustments for dead-certain accuracy.
- **INCREASED ACCURACY:** Improves accuracy at severe angles over longer distances with third-axis leveling.
- **TOOL-LESS ADJUSTMENTS:** Convenient windage and elevation adjustments without the need for tools.
- **RHEOSTAT LIGHT:** Adjustable brightness for optimal pin visibility in varying light conditions.

DETAILED FEATURES

Product Overview



The Trophy Ridge Alpha React 1 Pin Sight, showcasing its compact and robust design.

React Technology Explained

Your browser does not support the video tag.

This video demonstrates the simplicity and effectiveness of Trophy Ridge's React Technology, showing how only two pin adjustments are needed to achieve dead-center accuracy at any distance.

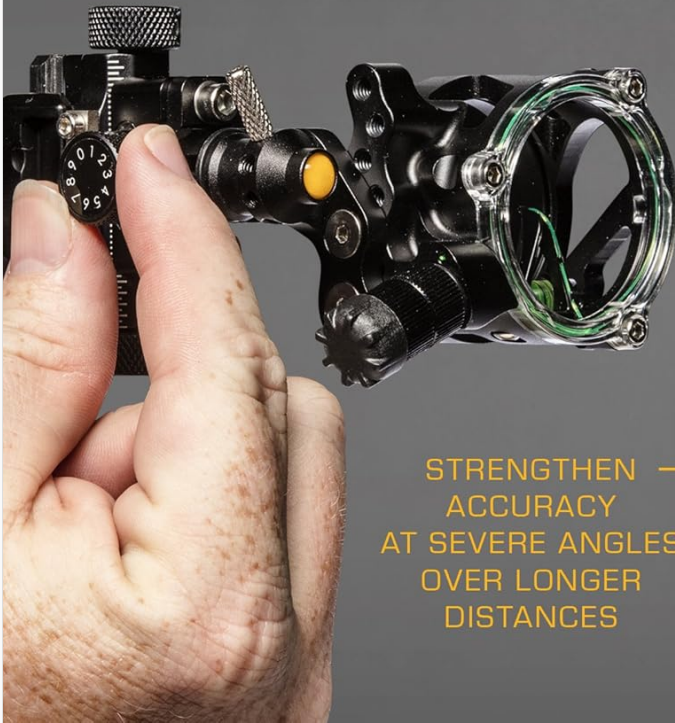
Automatic Yardage Calibration



Illustration of the React Technology: After sighting in two yardage indicators, the system automatically achieves dead-on accuracy at any distance.

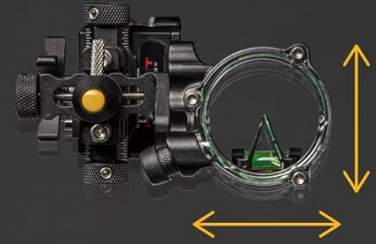
Tool-Less Adjustments and Axis Leveling

TOOL-LESS MICRO WINDAGE AND ELEVATION ADJUSTMENT

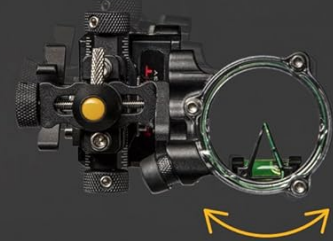


STRENGTHEN
ACCURACY
AT SEVERE ANGLES
OVER LONGER
DISTANCES

1 WINDAGE & ELEVATION



2 2ND AXIS

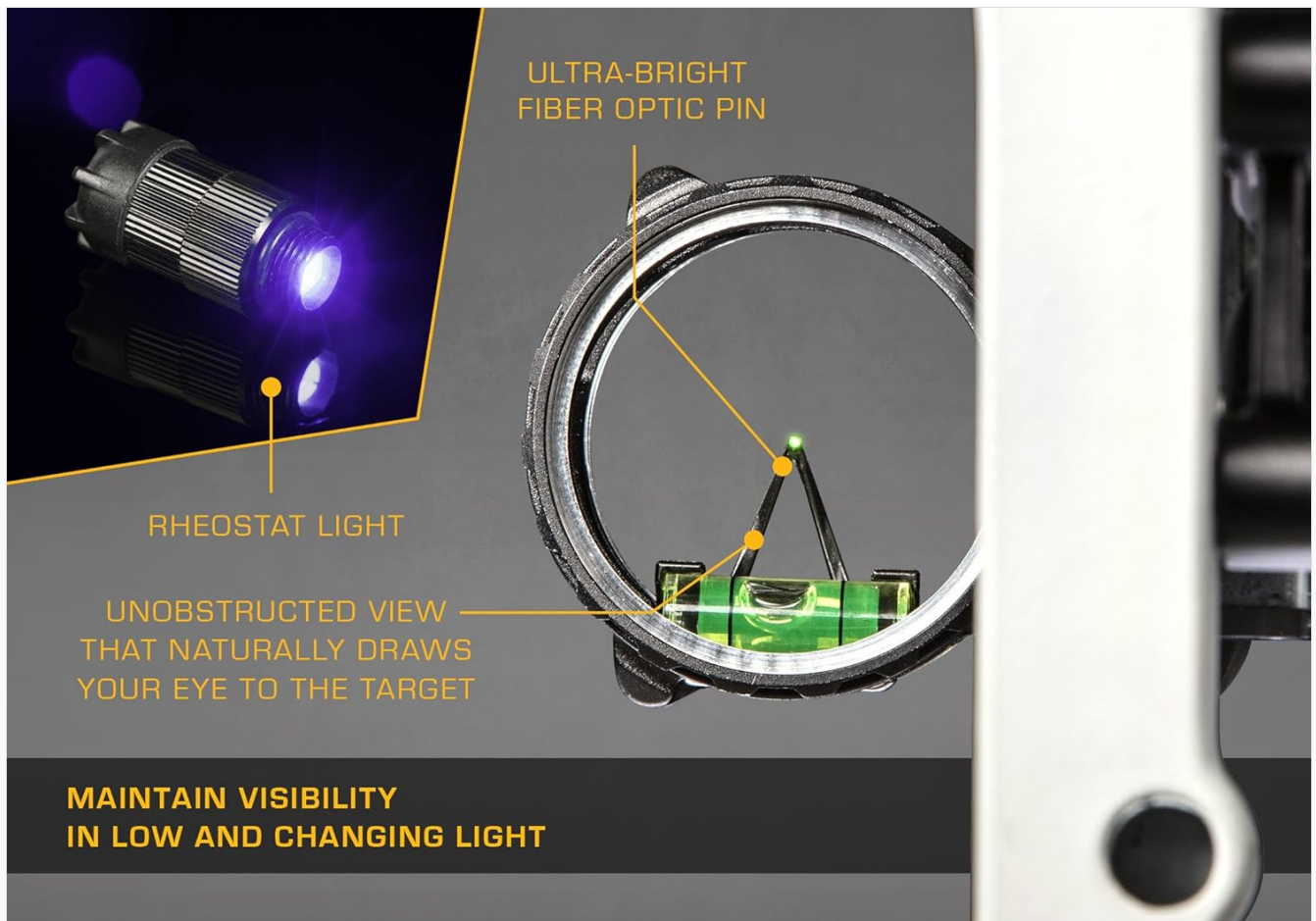


3 3RD AXIS



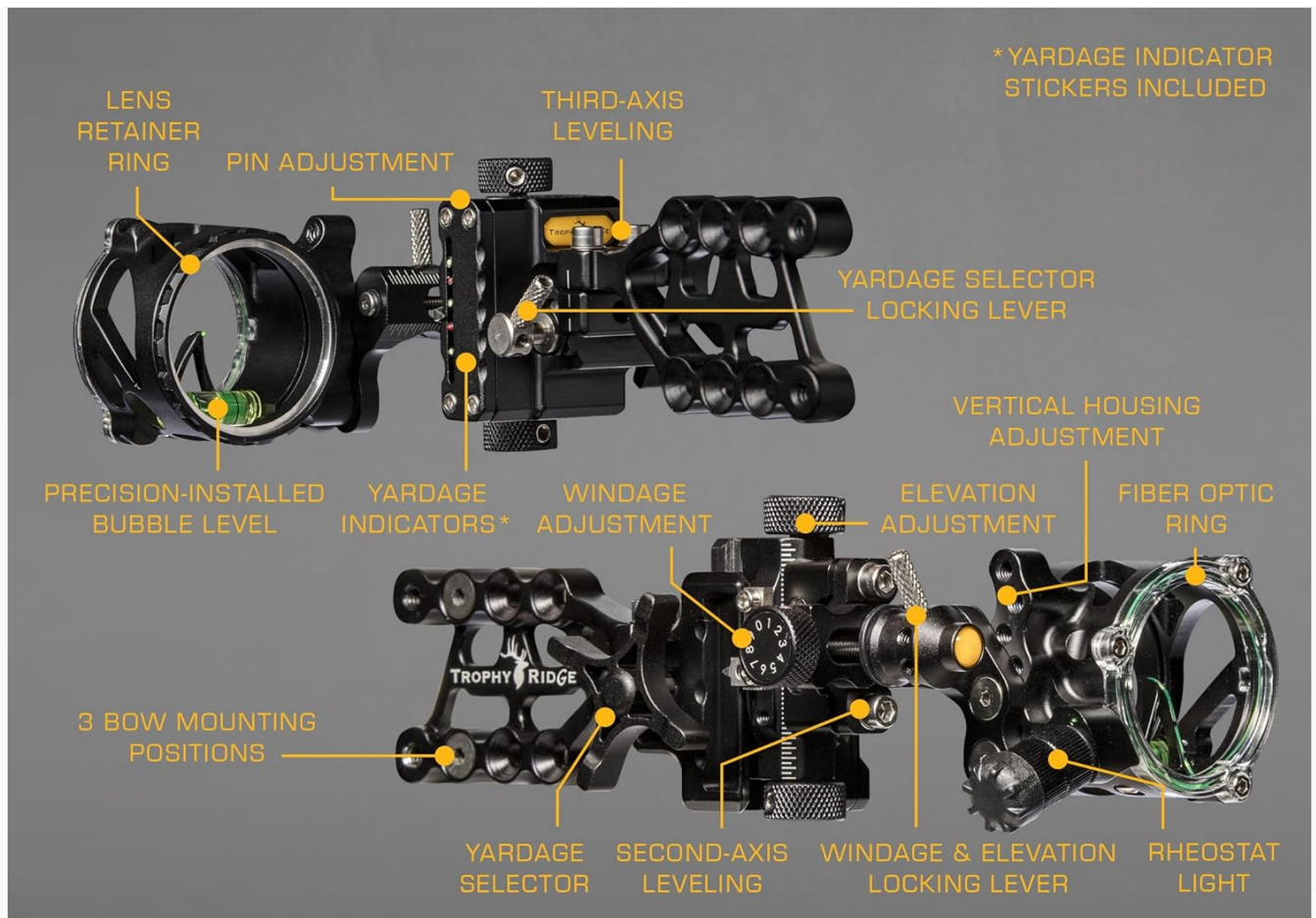
Demonstration of tool-less micro windage and elevation adjustments, along with second and third axis leveling for improved accuracy at severe angles.

Optimized Pin Visibility



Close-up view of the ultra-bright fiber optic pin and rheostat light, designed to maintain visibility in low and changing light conditions.

Component Diagram



Detailed diagram labeling all components of the Trophy Ridge Alpha React 1 Pin Sight, including the lens retainer ring, pin adjustment, yardage selector, and various leveling and adjustment points.

SETUP INSTRUCTIONS

Mounting the Sight

1. Ensure your bow is safely secured in a bow vise or stable position.
2. Align the sight mounting bracket with the mounting holes on your bow's riser. The Alpha React 1 offers three bow mounting positions for optimal fit.
3. Insert the mounting screws and tighten them securely. Do not overtighten.
4. Verify that the sight is firmly attached and does not wobble.

Initial Sighting-In (React Technology)

The React Technology simplifies sighting-in by automatically calibrating multiple yardage pins after setting just two. For best results, use a consistent shooting form and arrow setup.

1. **Set 20-Yard Pin:**
 - Set up a target at 20 yards.
 - Adjust the sight's vertical housing using the tool-less elevation adjustment knob until your arrows consistently hit the target at 20 yards.
 - Adjust the windage using the tool-less windage adjustment knob until your arrows are centered horizontally.
2. **Set 30-Yard Pin:**
 - Move your target to 30 yards.

- Without adjusting the main elevation knob, use the individual pin adjustment for the 30-yard pin (if applicable, or follow the React Technology instructions for setting the second reference point).
- Once the 20-yard and 30-yard pins are accurately set, the React Technology will automatically calibrate the remaining yardage indicators (40, 50, 60 yards, etc.) based on your bow's trajectory.

3. Verify Remaining Pins:

- Shoot at targets at 40, 50, and 60 yards to confirm the accuracy of the automatically set pins. Minor micro-adjustments can be made if necessary.

4. Second and Third Axis Leveling:

- For advanced accuracy, especially at longer distances or on uneven terrain, adjust the second and third axis levels. Refer to the detailed component diagram for adjustment points.
- Ensure the precision-installed bubble level is centered when the bow is at full draw and level.

OPERATING INSTRUCTIONS

Adjusting for Distance

1. Once sighted in, use the yardage selector to quickly adjust the single pin to the desired distance.
2. The yardage selector locking lever can be engaged to secure the pin at a specific distance.

Using the Rheostat Light

1. The integrated rheostat light illuminates the fiber optic pin for improved visibility in low light conditions.
2. Rotate the rheostat knob to adjust the brightness of the pin to suit ambient light.
3. Turn off the light when not in use to conserve battery life.

MAINTENANCE

- **Cleaning:** Regularly wipe down the sight with a soft, dry cloth to remove dust and debris. Avoid harsh chemicals that could damage the finish or optics.
- **Inspection:** Periodically check all screws and fasteners to ensure they are tight. Inspect the fiber optic pin for any damage or fraying.
- **Battery Replacement:** If the rheostat light dims or stops working, replace the battery. Refer to the component diagram for the battery housing location. (Note: Some user reviews indicate issues with included batteries; consider testing or replacing upon purchase).
- **Storage:** Store the sight in a cool, dry place, protected from extreme temperatures and direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pin not bright enough / Light not working	Dead or corroded battery; Rheostat knob not adjusted.	Replace battery (CR2032 or similar, check manual for exact type). Rotate rheostat knob to increase brightness. Ensure battery is inserted correctly.

Problem	Possible Cause	Solution
Sight feels loose or rattles	Mounting screws are loose; Adjustment locking levers not engaged.	Check and tighten all mounting screws. Ensure windage and elevation locking levers are fully engaged after adjustment.
Inaccurate shots at longer distances	React Technology not properly calibrated; Second/Third axis not leveled.	Re-verify 20-yard and 30-yard pin settings. Ensure second and third axis levels are properly adjusted for your shooting form and terrain. Confirm bow speed meets sight's optimal performance range.

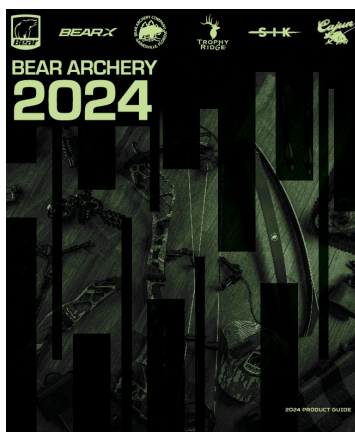
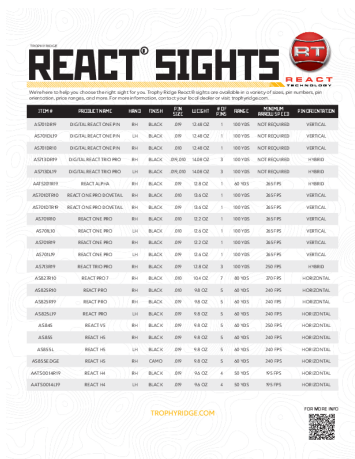
PRODUCT SPECIFICATIONS

Brand	Trophy Ridge
Model Name	React Alpha
Model Number	AATS2011R19
Color	Black
Material	Aluminum
Item Weight	12.8 ounces
Reticle Type	Single-pin
Compatible Devices	Compound Bow
Hand Orientation	Right

WARRANTY AND SUPPORT

This Trophy Ridge Alpha React 1 Pin Sight is covered by a manufacturer's warranty. For specific details regarding warranty terms, coverage, and claims, please refer to the documentation included with your product or contact Trophy Ridge customer support directly.

For additional support and detailed instructions, you can download the official User Manual in PDF format:[Download User Manual \(PDF\)](#)



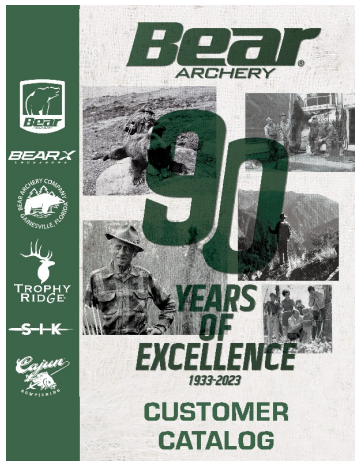
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