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REVASRI nk1000

REVASRI Golf Rangefinder NK1000 User Manual

Model: NK1000

1. INTRODUCTION

Thank you for purchasing the REVASRI Golf Rangefinder NK1000. This manual provides detailed instructions on how to use, maintain, and troubleshoot your device. Please read this manual carefully before use to ensure optimal performance and longevity of your rangefinder.

2. PRODUCT OVERVIEW

The REVASRI NK1000 is a high-performance golf rangefinder designed for accuracy and ease of use. It features advanced functions such as flagpole locking with vibration, slope compensation, and a quick measurement response time. It is a cost-effective and excellent rangefinder equipped with an external angle switch, golf slope compensation (recommended hitting distance), flagpole lock, and vibration functions. It also boasts a 914m range, $\pm 0.5\text{m}$ accuracy, 0.5s fast measurement, a built-in Li-ion battery, and a low battery indicator.

Key Features:

- 914m (1000 yds) Range:** Capable of measuring distances up to 914 meters with high precision.
- Flagpole Locking with Vibration:** Provides haptic feedback when the flagpole is successfully locked, even with background objects.
- Slope Compensation:** Calculates and displays the golf compensated distance, adjusting for uphill or downhill terrain.
- External Slope Switch:** Allows for easy toggling of the slope function, making it legal for tournament play when off.
- Fast Measurement:** Delivers measurements in approximately 0.5 seconds.
- Rechargeable Battery:** Built-in Li-ion battery with a low battery indicator.
- Compact and Lightweight:** Designed for portability and comfortable handling, weighing only 120g.
- Multi-coated Lens:** Enhances light transmission and reduces glare for clear viewing.
- Waterproof:** Designed to withstand wet conditions.

Product Diagram:

Product Introduction



Figure 2.1: Product Introduction Diagram. This image shows the REVASRI NK1000 rangefinder with labels pointing to its key components: Unit Switch, Power on/Measure button, Eyepiece, USB Charging Port, and Slope ON/OFF Switch. A carrying pouch is also visible next to the device.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items listed below are included:

- 1 x REVASRI Golf Rangefinder (NK1000)
- 1 x Carrying Pouch with Carabiner
- 1 x USB-C Charging Cable
- 1 x Lens Cleaning Cloth
- 1 x User Manual

4. SETUP

4.1 Charging the Battery

The REVASRI NK1000 comes with a built-in rechargeable Lithium-ion battery. Before first use, it is recommended to fully charge the device.

1. Locate the USB Charging Port on the side of the rangefinder (refer to Figure 2.1).
2. Connect the provided USB-C charging cable to the port.
3. Connect the other end of the USB-C cable to a standard USB power adapter (not included) or a computer USB port.
4. The charging indicator (if available, usually an LED) will show the charging status. Once fully charged, the indicator will change or turn off.
5. Disconnect the charging cable when charging is complete.

A low battery indicator will appear on the display when the battery level is critical, signaling that a recharge is needed.

4.2 Adjusting the Eyepiece

To ensure a clear view through the eyepiece, adjust the manual focus eyepiece to suit your vision.

- Look through the eyepiece.
- Rotate the eyepiece until the reticle and the objects in view appear sharp and clear.

5. OPERATING INSTRUCTIONS

5.1 Powering On and Basic Measurement

1. Press the **Power on/Measure** button (refer to Figure 2.1) to turn on the device. The display will activate.
2. Aim the crosshairs at your desired target.
3. Press the **Power on/Measure** button again briefly to take a single measurement. The distance will be displayed on the screen.

5.2 Changing Units (Meters/Yards)

To switch between meters (M) and yards (Y), press the **Unit Switch** button (refer to Figure 2.1).

5.3 Flagpole Locking with Vibration

This feature helps to accurately measure the distance to the flagpole, even when there are objects behind it.

FLAGPOLE LOCKING

Advanced PinSensor Technology for measuring overlapping objects



Figure 5.1: Flagpole Locking Feature. This image illustrates the "FLAGPOLE LOCKING" function, showing the rangefinder's view with a golf course background, a flagpole, and a golf ball. The display shows distance readings and an icon indicating flagpole lock. The accompanying text explains that when the angle is open, pressing and holding the measure button initiates continuous scanning. The device first scans behind the flagpole, then the flagpole itself. Once the flagpole is recognized, it locks the measurement data and vibrates.

1. Ensure the slope function is enabled (if desired, as it often works in conjunction).
2. Aim the rangefinder at the area around the flagpole.
3. Press and **hold** the **Power on/Measure** button to initiate continuous scanning.
4. Slowly scan across the flagpole. The rangefinder will identify the flagpole and lock onto it.
5. Once the flagpole is recognized and locked, the device will vibrate, and the measurement data will be displayed.

Note: Single ranging will not trigger vibration and flagpole lock. You need to press and hold the measurement button to enter scanning mode.

5.4 Slope Adjusted Mode (Slope Compensation)

The slope adjusted mode provides a compensated distance, taking into account the elevation changes between you and the target, which is crucial for golf.

SLOPE ADJUSTED MODE

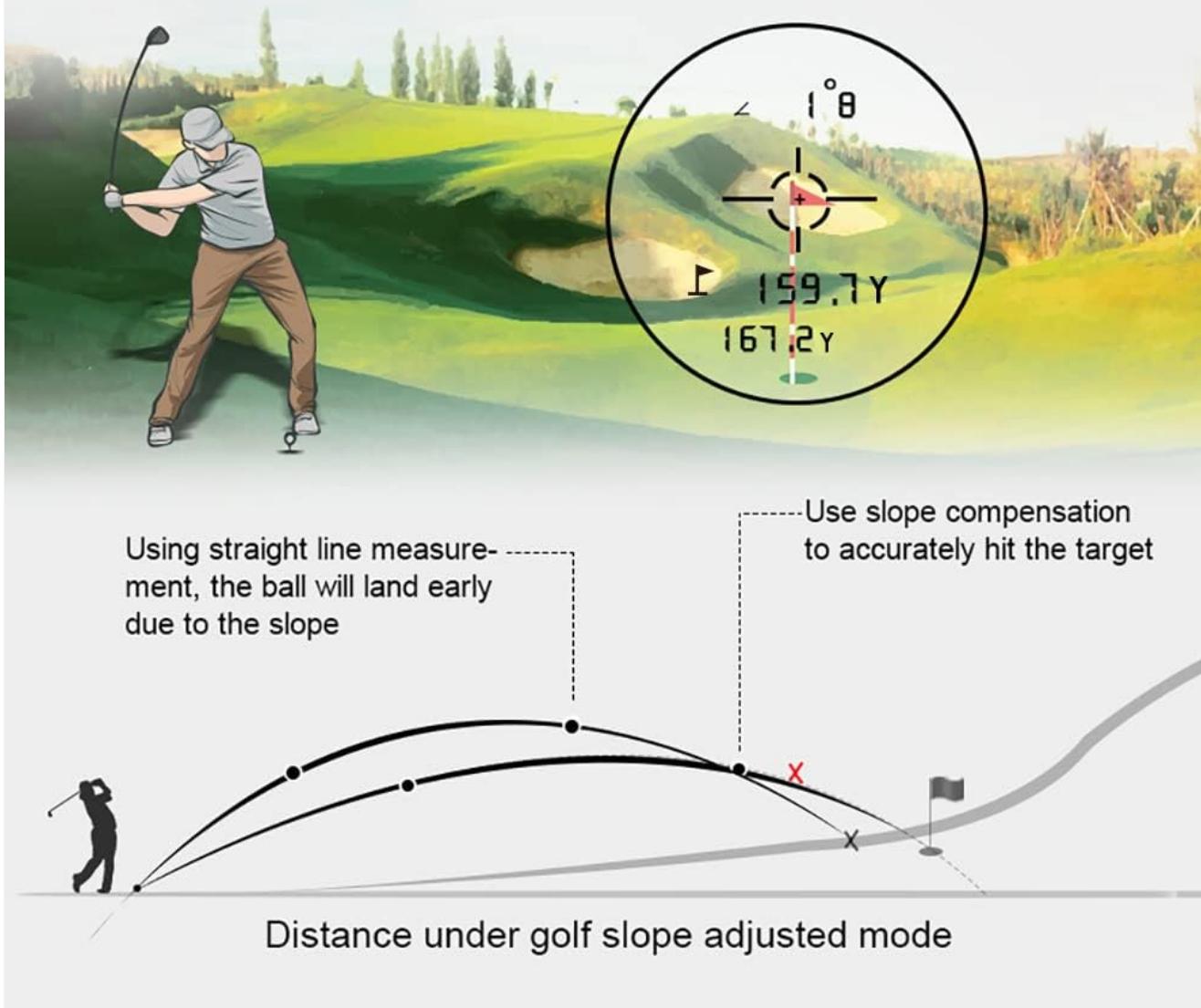


Figure 5.2: Slope Adjusted Mode. This image illustrates the "SLOPE ADJUSTED MODE" for golf. It shows a golfer hitting a ball, with a trajectory diagram demonstrating how a straight-line measurement might lead to an early landing due to slope. The diagram emphasizes using slope compensation to accurately hit the target. The rangefinder's display shows an angle and two distance readings (line of sight and compensated).

When the slope function is active, the display will show:

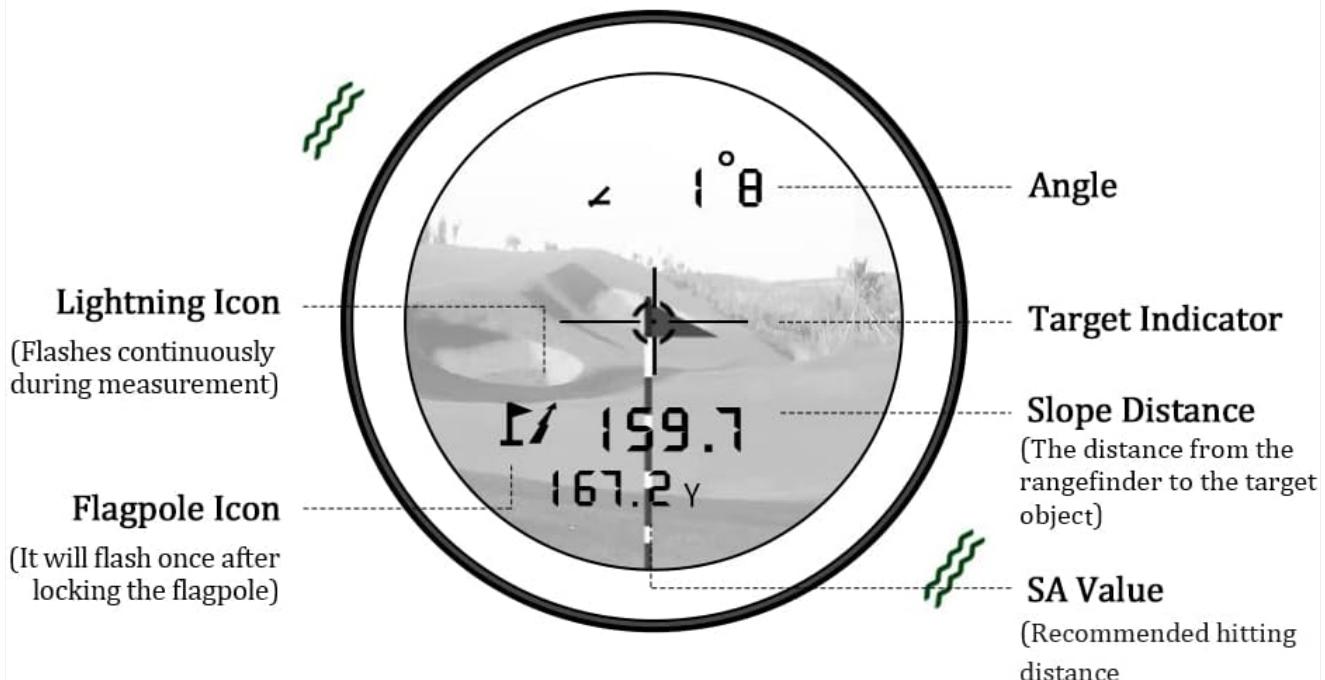
- The angle of inclination/declination.
- The line-of-sight distance (straight line distance).
- The golf compensated distance (recommended hitting distance, also known as SA Value).

5.5 Slope ON/OFF for Tournament Play

The REVASRI NK1000 features an external **Slope ON/OFF Switch** (refer to Figure 2.1) to comply with tournament rules.

About how to trigger vibration and flagpole lock

Single ranging will not trigger vibration and flagpole lock.



When the measured object (flagpole) overlaps the background, the single ranging mode cannot accurately identify the flagpole. You need to press and hold the measurement (⌚) button to enter the scanning measurement mode, scan the background and the flagpole. When the flagpole is recognized and locked, the flagpole icon flashes, the rangefinder vibrates and displays the measurement data.

Figure 5.3: Slope ON/OFF Modes. This image displays two rangefinder views, illustrating "SLOPE ON" and "SLOPE OFF" modes. In "SLOPE ON" mode, the display shows the angle and both line-of-sight and compensated distances. In "SLOPE OFF" mode, only the line-of-sight distance is shown, and the angle indicator is absent. The image also shows the rangefinder itself with the "NK-1000" label and an arrow indicating the slope switch.

- **Slope ON:** When the switch is in the ON position, the rangefinder will calculate and display the compensated distance along with the angle.
- **Slope OFF:** When the switch is in the OFF position, the rangefinder will only display the line-of-sight distance. The angle value will not be shown, making the device legal for official tournament play. The flagpole lock and vibration features will still function in this mode.

5.6 Understanding the Display Icons

GOLF MODE:SLOPE TECH+VIBRATION

Golfer will acquire a compensated distance from rangefinder based on actual slope

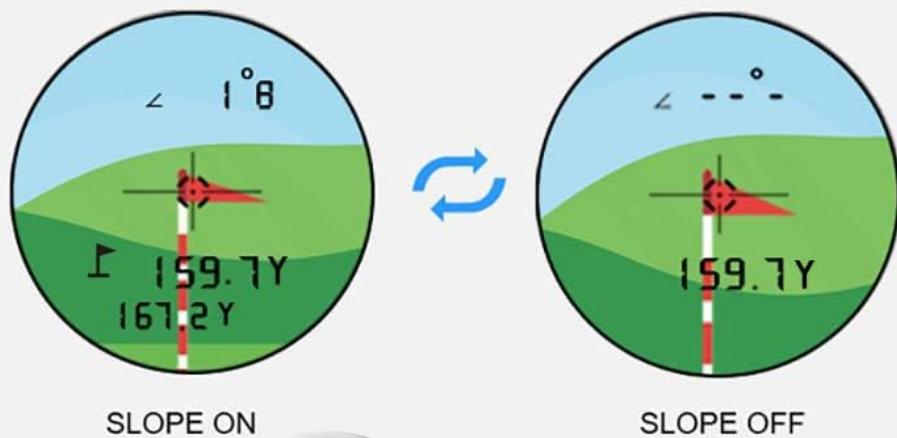


Figure 5.4: Display Icon Explanation. This image provides a detailed diagram of the rangefinder's internal display, labeling various icons and values. These include: Angle, Target Indicator, Slope Distance (distance from rangefinder to target object), SA Value (Recommended hitting distance), Lightning Icon (Flashes continuously during measurement), and Flagpole Icon (Flashes once after locking the flagpole). The accompanying text reiterates that single ranging does not trigger vibration or flagpole lock, and explains the process for scanning to identify and lock the flagpole.

The display provides various indicators to assist with measurements:

- **Angle:** Shows the inclination or declination angle.
- **Target Indicator:** The crosshairs used for aiming.
- **Slope Distance:** The direct distance from the rangefinder to the target object.
- **SA Value:** The recommended hitting distance, adjusted for slope.
- **Lightning Icon:** Flashes continuously while a measurement is in progress.
- **Flagpole Icon:** Flashes once the flagpole has been successfully locked.

6. MAINTENANCE

Proper maintenance will extend the life of your REVASRI NK1000 rangefinder.

- **Cleaning the Lens:** Use the provided lens cleaning cloth to gently wipe the objective lens and eyepiece. Do not use abrasive materials or harsh chemicals.
- **Cleaning the Body:** Wipe the body of the rangefinder with a soft, damp cloth. Avoid using solvents or strong detergents.
- **Storage:** Store the rangefinder in its carrying pouch in a cool, dry place when not in use. Avoid extreme temperatures and high humidity.
- **Battery Care:** Recharge the battery regularly, even if the device is not used frequently, to maintain battery health. Avoid fully discharging the battery for extended periods.
- **Water Resistance:** The device is waterproof, but avoid submerging it in water. Dry it thoroughly if it gets wet.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the battery fully using the provided USB-C cable.
Inaccurate measurements.	Lens is dirty; target is too far or too close; unstable aiming.	Clean the lens with the cleaning cloth. Ensure target is within 5-914m range. Hold the device steady.
Flagpole lock not working / No vibration.	Not in continuous scanning mode; flagpole not clearly isolated.	Press and hold the measure button to scan. Ensure you scan across the flagpole.
Display is blurry.	Eyepiece not adjusted; lens is dirty.	Rotate the eyepiece to adjust focus. Clean the lens.
Slope function not displaying.	Slope ON/OFF switch is in the OFF position.	Toggle the external Slope ON/OFF switch to the ON position.

If the problem persists after trying these solutions, please contact customer support.

8. SPECIFICATIONS

The following are the technical specifications for the REVASRI Golf Rangefinder NK1000:

Feature	Detail
Product Dimensions	96 x 34 x 67 mm (3.8 x 1.3 x 2.6 inches)
Weight	120 grams (4.2 ounces)
Laser Safety	Class 1 Laser, Output < 5mW
Range	5 to 914 meters (5 to 1000 yards)

Feature	Detail
Accuracy	± 0.9 meters (± 1 yard)
Display Mode	Transmissive LCD
Angle Range	± 30°
Exit Pupil Diameter	3.8 mm
Exit Pupil Distance	12.1 mm
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Operating Humidity	≤ 80%
Laser Wavelength	905 nm
Power Supply	Built-in Lithium-ion Battery
Focus Mode	Manual Focus Eyepiece
Telescope Magnification	6.5x
Telescope Objective Diameter	24 mm
Tripod Support	No
Material	Acrylonitrile Butadiene Styrene (ABS)
Water Resistance Level	Waterproof

9. WARRANTY INFORMATION

REVASRI products are manufactured to high quality standards. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official REVASRI website. Keep your purchase receipt as proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your REVASRI Golf Rangefinder NK1000, please contact our customer support team.

- **Online Support:** Visit the official REVASRI website for FAQs, product registration, and online support forms.
- **Email Support:** Refer to your product packaging or the official website for the customer service email address.

When contacting support, please have your product model number (NK1000) and purchase details ready.

