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## L8star PF9 PRO

# L8star PF9 PRO Golf Rangefinder Instruction Manual

Model: PF9 PRO

## 1. INTRODUCTION

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Thank you for choosing the L8star PF9 PRO Golf Rangefinder. This device is designed to provide accurate distance measurements for golf and hunting, featuring advanced technologies like slope compensation, flagpole lock with pulse vibration, and a magnetic strip for convenient attachment. Please read this manual thoroughly to ensure proper use and optimal performance of your rangefinder.

## 2. PRODUCT OVERVIEW

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The L8star PF9 PRO is a high-precision laser rangefinder equipped with a range of features to enhance your outdoor experience.



Figure 2.1: The L8star PF9 PRO Golf Rangefinder, showcasing its compact design and integrated slope switch.

### Key Features:

- **Accurate Slope-Switch Measurement:** Utilizes continuous arc technology to calculate true distance based on incline/decline.
- **Precise Flag Lock Technology:** Emits short vibrating pulses to confirm target lock, preventing measurement of background objects.
- **Clear Vision:** Fully multi-coated optics lenses reduce reflected light and increase light transmission for brighter, clearer images. Adjustable diopter for precise focus.
- **Fast Focus and Read:** Easily adjust focus by rotating the eyepiece. Provides readings within 8 seconds. Automatic power-off after 15 seconds of inactivity.
- **Type-C Charging:** Equipped with a 1000mAh rechargeable lithium-ion battery, offering approximately 5000 measurements per full charge.
- **Magnetic Strip:** Conveniently attaches to metal surfaces, such as a golf cart frame.



Figure 2.2: Diagram illustrating the components of the L8star PF9 PRO Rangefinder, including the eye lens, focus ring, power button, mode button, Type-C port, laser emitter, laser receiving lens, objective lens, and slope switch.

## 3. SETUP

### 3.1 Unboxing and Initial Inspection

Upon receiving your L8star PF9 PRO, carefully open the packaging and inspect the contents. Ensure all items are present and undamaged:

- L8star PF9 PRO Rangefinder
- Carrying Case
- Type-C Charging Cable
- Cleaning Cloth
- Instruction Manual

### 3.2 Charging the Device

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

1. Locate the Type-C charging port on the device.
2. Connect the provided Type-C charging cable to the rangefinder and a compatible USB power source (e.g., computer, wall adapter).
3. The battery indicator on the display will show charging status. A full charge provides approximately 5000 measurements.

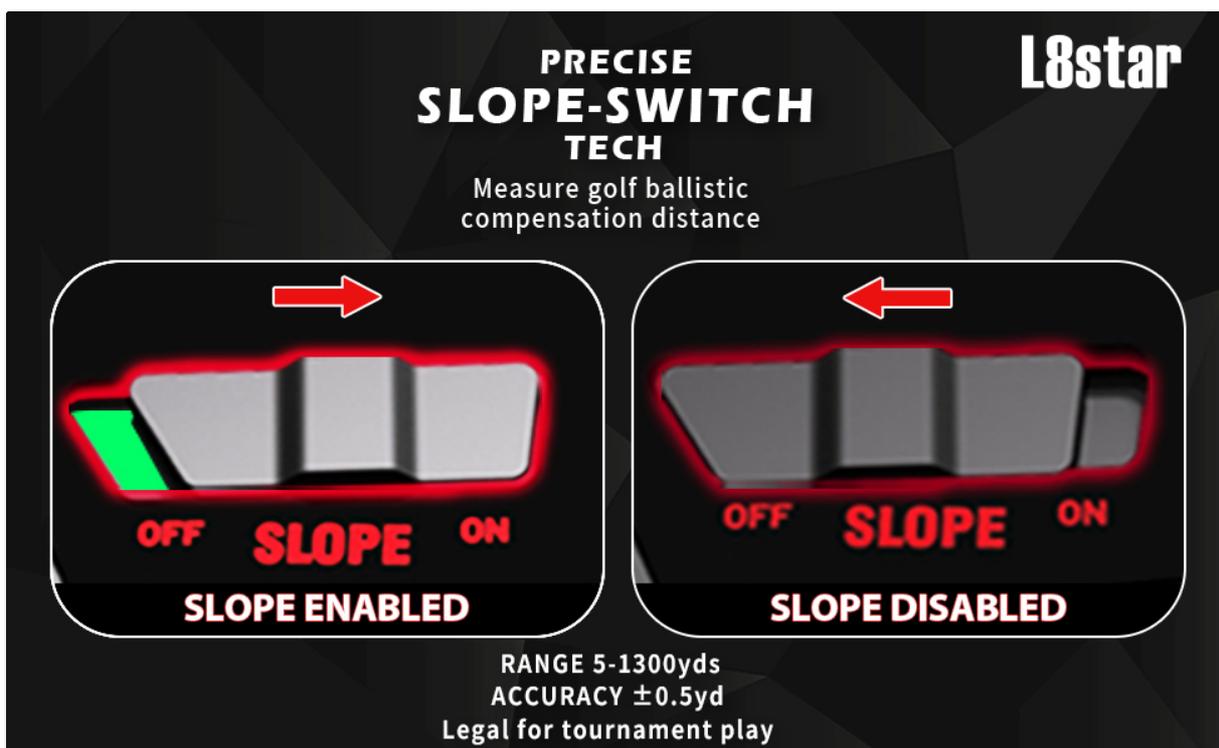


Figure 3.1: The L8star PF9 PRO charging via its Type-C port, indicating battery status.

### 3.3 Powering On/Off

Press the Power button (usually located on the top of the device) to turn the rangefinder on. The device will automatically power off after 15 seconds of inactivity to conserve battery.

## 4. OPERATING MODES

### 4.1 Adjusting Focus

To achieve a clear view through the eyepiece, rotate the focus ring clockwise or counter-clockwise until the display and target appear sharp.

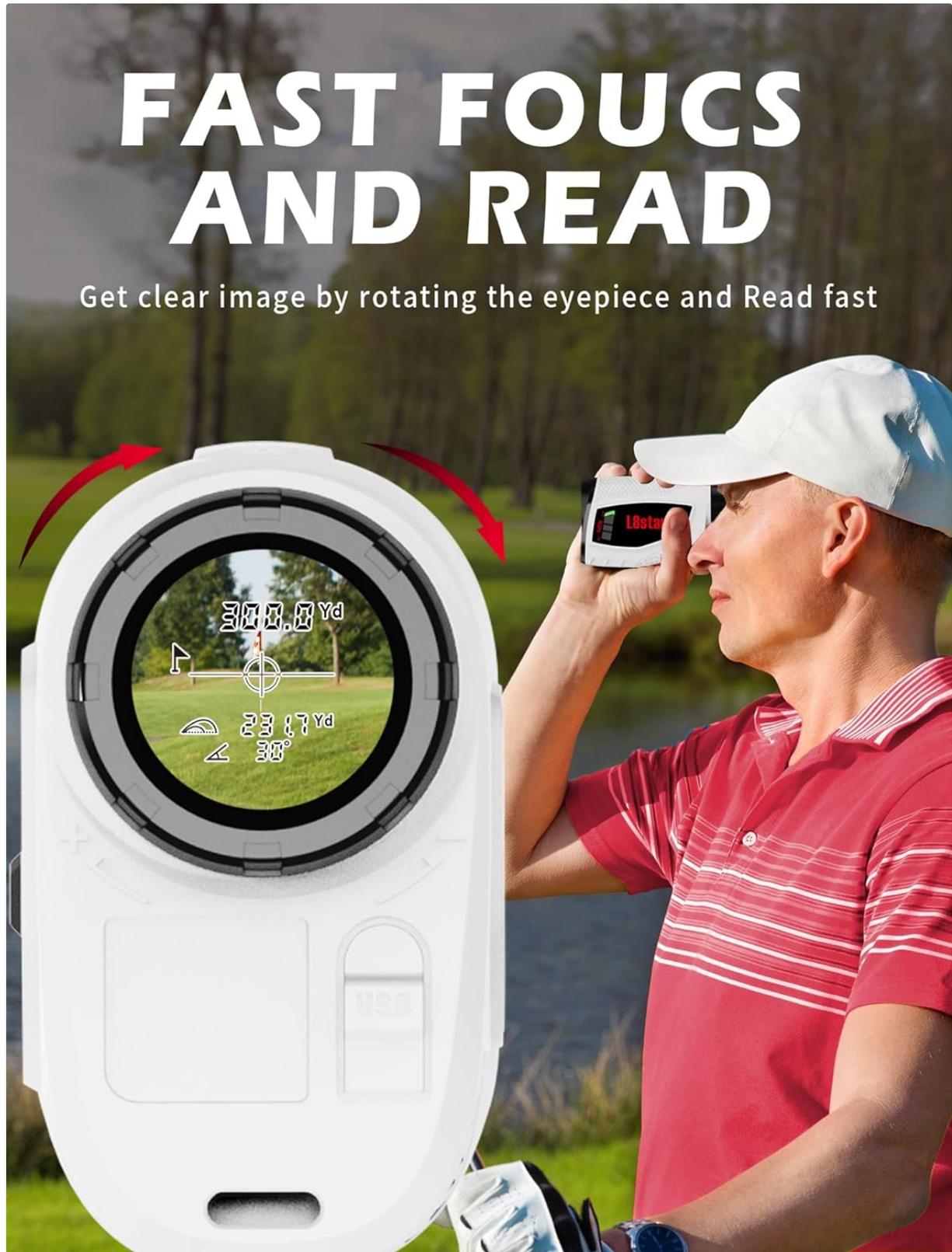


Figure 4.1: A user adjusting the focus ring on the L8star PF9 PRO for a clear view of the target.

#### 4.2 Switching Measurement Units (Yards/Meters)

To switch between yards (Y) and meters (M), long-press the Mode/Unit button (often labeled 'M') until the unit changes on the display.

#### 4.3 Slope-Switch Measurement

The L8star PF9 PRO features a physical slope switch. Slide the switch to 'ON' to activate slope compensation,

which adjusts the distance based on elevation changes. Slide to 'OFF' for tournament legal play, providing only the direct line-of-sight distance.



**Figure 4.2:** Visual representation of the slope switch in both ON and OFF positions, showing how it affects distance calculation.

#### 4.4 Flag Lock Technology with Pulse Vibration

This mode helps you accurately target flagpoles. While holding the power button, sweep the rangefinder back and forth across the flagpole. The device will emit a short vibration to confirm that it has locked onto the flag, not objects behind it. This mode supports distances up to 150 yards (flagpole only) and 250 yards (aiming at the flag when unfolded).

# ACCURATE **PIN** LOCKING

Holding power button and  
**sweeping Back and Forth**  
with Flag icon mode on.  
Will deliver a short **vibration** to  
lock on to the pin.



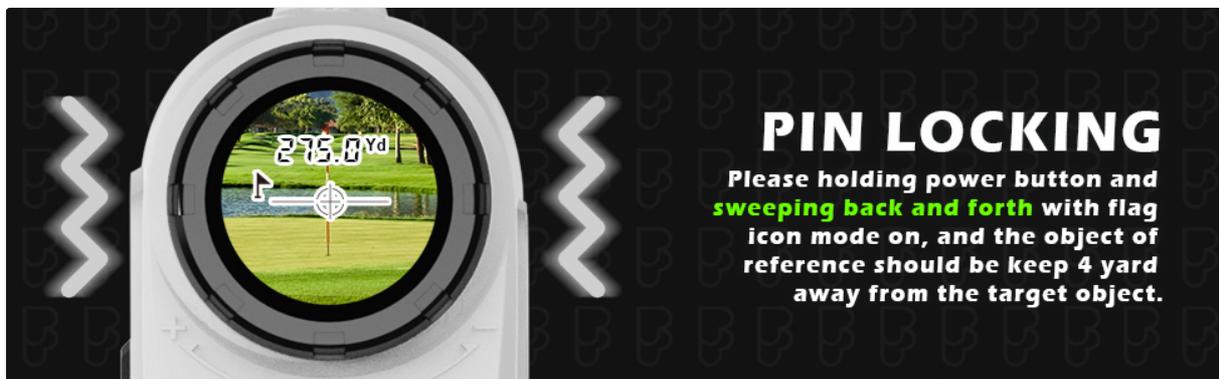
Figure 4.3: Illustration of the pin locking feature, showing the crosshairs on a flagpole and the vibration indicator.

## 4.5 Continuous Scan Mode

For quick and continuous measurements, press and hold the power button. The rangefinder will continuously scan and display distances as you move it across different targets. This is useful for surveying a landscape or tracking moving objects.

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**Video 4.1:** Demonstration of the L8star PF9 PRO Golf Rangefinder's features, including slope measurement and target locking. This video provides a practical overview of the device in use on a golf course.



**Figure 4.4:** Visual examples of continuous scan mode, showing how the rangefinder displays distances to various objects in a golf course setting.

**Video 4.2:** A brief introduction to the PF2C Golf Range Finder, highlighting its core functionalities and design. This video provides a quick overview of the product's features.

**Video 4.3:** Detailed overview of a 1200 Yards Golf Rangefinder with Slope and USB-C Rechargeable features. This video demonstrates the product's capabilities and ease of charging.

## 5. MAINTENANCE

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### 5.1 Cleaning

To maintain optimal performance and clarity, keep the lenses clean. Use the provided cleaning cloth or a soft, lint-free cloth. Avoid using abrasive materials or harsh chemicals that could damage the lens coatings.

### 5.2 Storage

When not in use, store the rangefinder in its protective carrying case in a cool, dry place. Avoid exposing the device to extreme temperatures or direct sunlight for extended periods.

### 5.3 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Recharge the device regularly, especially if it has been stored for a long time. If storing for an extended period, charge the battery to approximately 50%.

## 6. TROUBLESHOOTING

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- **No Power:** Ensure the battery is charged. Connect the Type-C cable and charge for at least 30 minutes.
- **Inaccurate Readings:** Check if the lens is clean. Ensure you are targeting a reflective surface. If using slope mode, verify the switch is in the correct position.
- **Difficulty Focusing:** Rotate the eyepiece focus ring until the image is clear.
- **Flag Lock Not Working:** Ensure the flagpole is within the specified range (150-250 yards). Sweep the device slowly across the target while holding the power button.
- **No Vibration:** Check if the device is properly locked onto the target. Ensure the battery is not critically low.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	PF9 PRO
Measuring Range	5-1300 yards

Accuracy	+/- 0.5 yard
Magnification	6x
Battery Type	1000mAh Rechargeable Lithium-Ion
Charging Interface	Type-C
International Protection Rating	IP54
Material	Plastic
Item Weight	320 g
Color	Black White

## 8. WARRANTY AND SUPPORT

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The L8star PF9 PRO Golf Rangefinder comes with a standard manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the warranty card included in your product packaging or contact L8star customer support directly. For technical assistance, troubleshooting, or any other inquiries, please visit the official L8star website or contact their customer service team.