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> Shot Navi Voice Laser Red Leo Golf Laser Distance Measuring Device Instruction Manual

Shot Navi Red Leo

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Model: Red Leo

1. INTRODUCTION

The Shot Navi Voice Laser Red Leo is a golf laser distance measuring device designed for accuracy and ease of use. It features a red OLED display for enhanced visibility, voice recognition for hands-free operation, and multiple measurement modes to assist golfers on the course. This manual provides essential information for the proper setup, operation, and maintenance of your device.



Figure 1: Front view of the Shot Navi Voice Laser Red Leo device.

Key Features:

- **Exceptional Visibility:** Red OLED display for clear viewing in various lighting conditions, especially on the golf course.
- **Voice Operation:** Industry-first voice control to reduce hand shake during measurement.
- **Height Difference Measurement:** Automatically calculates and displays the actual distance needed for shots with elevation changes.
- **High-Speed Measurement:** Provides distance readings in approximately 0.3 seconds.
- **Rechargeable Battery:** Built-in Lithium-Ion battery, eliminating the need for frequent battery replacement.
- **Laser Safety:** IEC60825-1 Class 1M Laser Product / Class 1 Laser (Invisible).

2. SETUP

2.1 Charging the Device

Before initial use, fully charge the device. A USB-Type C charging cable is included.

1. Locate the USB-Type C port on the device.
2. Connect the included USB-Type C cable to the device and a compatible USB power source (e.g., computer, wall adapter).
3. The charging indicator will illuminate. A full charge typically takes approximately 2 hours.
4. Once fully charged, the device can be used for approximately 25,000 measurements.



Figure 2: Angled view of the device, highlighting the USB-C charging port.

2.2 Power On/Off

To power on the device, press and hold the power button (usually located on the top). To power off, press and hold the power button again.

3. OPERATING INSTRUCTIONS

The Shot Navi Voice Laser Red Leo offers three primary measurement modes: Point, Scan, and Seek, along with height difference calculation.

3つの特長

01 高速測定

約0.3秒で
距離表示が可能

02 最大測定距離

1,000y



03

音声で計測ができる

便利な3つの計測モード

MODE 1

ポイント計測

レーザーが照射された場所までの距離を計測するモード



計測されると、自動的に
目安距離→高低差→目安距離へ
表示が切り替わります。

計測方法

【ボタン操作】ターゲットマークの中心を目標物に合わせて
計測ボタンを短押しする。

ポイント
測定



【音声操作】『ポイント測定』または『ポイントまでの距離』と話しかける。

Figure 3: Overview of key measurement features.

3.1 Point Measurement Mode

This mode measures the direct distance to a single target. It is ideal for quickly getting a distance to a specific object.

- **Button Operation:** Align the center of the target mark in the viewfinder with your desired object. Short press

the measurement button.

- **Voice Operation:** Say "Point Measurement" or "Distance to Point".

The device will display the direct distance. If height difference calculation is enabled, it will also show the adjusted distance after approximately 2 seconds.

MODE 2 **スキャン計測** // 10秒間計測され続けます //
本体を動かすことで表示距離も常に変化するモード

バンカーの手前や奥、クリーク・木までなどの様々な距離を一度に知りたいときに役立つ測定。



計測方法

【ボタン操作】
ターゲットマークの中心を目標物に合わせて計測ボタンを連続2回短押しする。

【音声操作】
『測定開始』または『スキャン開始』と話しかける。

スキャン開始



Figure 4: Point Measurement mode in action.

3.2 Scan Measurement Mode

In this mode, the device continuously measures distances as you move it across multiple targets. This is useful for surveying various points like bunkers, water hazards, or trees to understand their distances relative to your position.

- **Button Operation:** Double-press the measurement button continuously.
- **Voice Operation:** Say "Start Measurement" or "Start Scan".

The display will update in real-time for approximately 10 seconds as you pan the device.

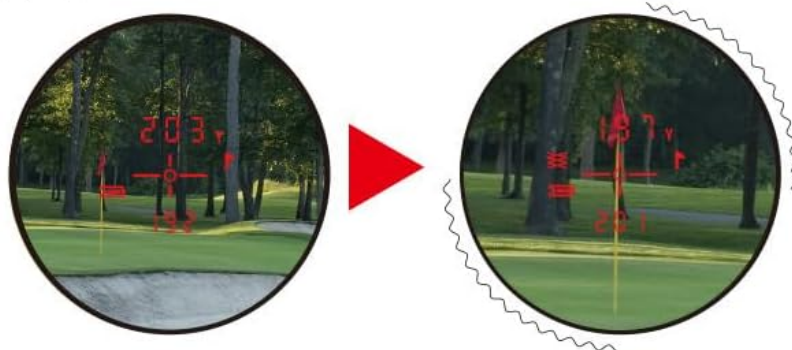
MODE 3

シーク計測

ピン検索補助モード

ピンフラッグに照準を合わせにくい時、最初に計測された対象物より手前にあるものを検索します。

ピンに照準が合うと \approx マークが表示され、計測完了と共に数字がロックされます。



暫定の距離が表示されたら
ピンフラッグに照準を
合わせます。

照準がピンに合うと
 \approx マークが表示され
振動して計測完了します。

計測方法

【ボタン操作】ピンより遠い物に合わせて計測ボタンを押し続ける。

【音声操作】

『ピンまで測定』または『ピンまでの距離』と話しかける。

ピンまで
測定



Figure 5: Scan Measurement mode for continuous distance readings.

3.3 Seek Measurement Mode (Pin Search Assist)

This mode assists in locking onto the pin flag, especially when there are background objects. It prioritizes closer objects, making it easier to get an accurate reading to the flag.

- **Button Operation:** Press and hold the measurement button while sweeping the device across the pin flag. The device will vibrate and display a flag mark when it locks onto the pin.
- **Voice Operation:** Say "Measure to Pin" or "Distance to Pin".

When the device successfully identifies the pin, a flag icon will appear, and the measurement will be locked, often accompanied by a vibration.

3.4 Height Difference / Estimated Distance Function

This function automatically calculates and displays the actual distance you need to hit, taking into account uphill or downhill slopes. This is crucial for accurate club selection.

- **Activation/Deactivation:** Press and hold the mode switch button for 5 seconds to toggle the height difference measurement function on or off.

4. MAINTENANCE

4.1 Cleaning

- Use the included lens cloth to gently clean the optical lenses. Avoid using abrasive materials or harsh chemicals.
- Wipe the body of the device with a soft, damp cloth.

4.2 Storage

- Store the device in its leatherette case when not in use to protect it from dust and scratches.
- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.

4.3 Water Resistance

The device is waterproof with an IP54 rating, meaning it is protected from dust and splashing water from any direction. However, it is not designed for submersion. Avoid prolonged exposure to heavy rain or water.

5. TROUBLESHOOTING

- **Device does not power on:** Ensure the battery is fully charged. Connect the device to a charger and try again.
- **Inaccurate measurements:** Ensure the lenses are clean. Make sure you are targeting a clear object and holding the device steady. Environmental factors like fog or heavy rain can affect accuracy.
- **Voice command not recognized:** Speak clearly and at a normal volume. Ensure there is no excessive background noise.
- **Display is dim or difficult to read:** The device features a red OLED display for visibility. Ensure the device is not exposed to extremely bright direct sunlight that might temporarily overwhelm the display.

6. SPECIFICATIONS

Feature	Specification
Brand	Shot Navi
Model Number	Red Leo
Color	Black
Material	Plastic
Sport	Golf
Item Weight	0.13 Kilograms
Product Dimensions (L x W x H)	9.6L x 3.4W x 6.1H centimetres
Battery Type	Lithium-Ion (Rechargeable)
Charging Time	Approx. 2 hours
Usage Time (Full Charge)	Approx. 25,000 measurements
Water Resistance Level	Waterproof (IP54)

Magnification Maximum	7 x
Measuring Range	Up to 1000 yards
Included Components	Charging Cable (USB-typeC), Instruction manual, Leatherette case, Lens Cloth

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Please refer to the warranty card included with your product packaging for specific warranty terms and conditions. Typically, this covers manufacturing defects for a specified period from the date of purchase.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact the retailer where you purchased the device or visit the official Shot Navi website for support contact information.