PRO X-1 Golf Laser Rangefinder
Quick Start Guide

Specifications & Features

Magnification	6 Power
Objective Lens Diameter	21 mm
Close Focus	6 yards
Eye Relief	15 mm
Exit Pupil	3.5 mm
Field of View	31.50 ft. at 100 yds.
Water-Resistance Rating	IPX4 (Water-Resistant)
Lens Coating	Fully Multi-Coated
Housing Material	Composite with Rubber Armoring
Dimensions	4"x 1.44"x 3.11"
Total Wt. (including battery)	4.25 oz.
Laser Type	905 nm Class 1 Eye-Safe
Display Type	Red Reflective OLED
Range Response Time	0.1 seconds
Battery Type	CR-2 3-volt Lithium
Battery Life	Approximately 10,000 Readings
Laser Range (Reflective)	6-1,760 yds.
Laser Range (Tree)	6-1,000 yds.
Laser Range (Flag)	6-450 yds.
Laser Range (Pin Lock Feature)	6-250 yds.
Range Accuracy (Distance & Angle)	+/- 1 Yard & +/- 1°
Slope Feature	Yes
Pin Lock with Vibration Pulse	Yes
Voice Mode	Yes
Operational Temperature Range	23°F to 120°F

What's in the Box?

◆ 6x21mm Laser Rangefinder

◆ Hard Premium Carry Case

◆ Microfiber Lens Cleaning Cloth

◆ CR-2 3-volt Lithium Battery

◆ Adjustable Neck-Style Lanyard

◆ Astra Optix™ Decal Sticker

◆ Astra Optix™ Warranty Card

◆ Quick Start Guide

Your Rangefinder at a Glance

Rubber Grip (Top)

Power (Range) Button

Eyepiece Diopter Focus

Objective Lens (21 mm)

Class 1 (905 nm) Eye-Safe Laser Lens

Laser Receiving Lens

Rubber Grip (Bottom)

Mode Button

Lanyard Attachment

Battery Cover

Red Reflective OLED

Aiming Reticle

Line of Sight (LOS) Value (Slope-Off)

Pin Lock with Vibration Pulse

Adjusted Play Symbol (Slope-On)

Adjusted Play Distance Value (Slope-On)

888.8 Y

8888

Y = Yards

Low Battery Indicator
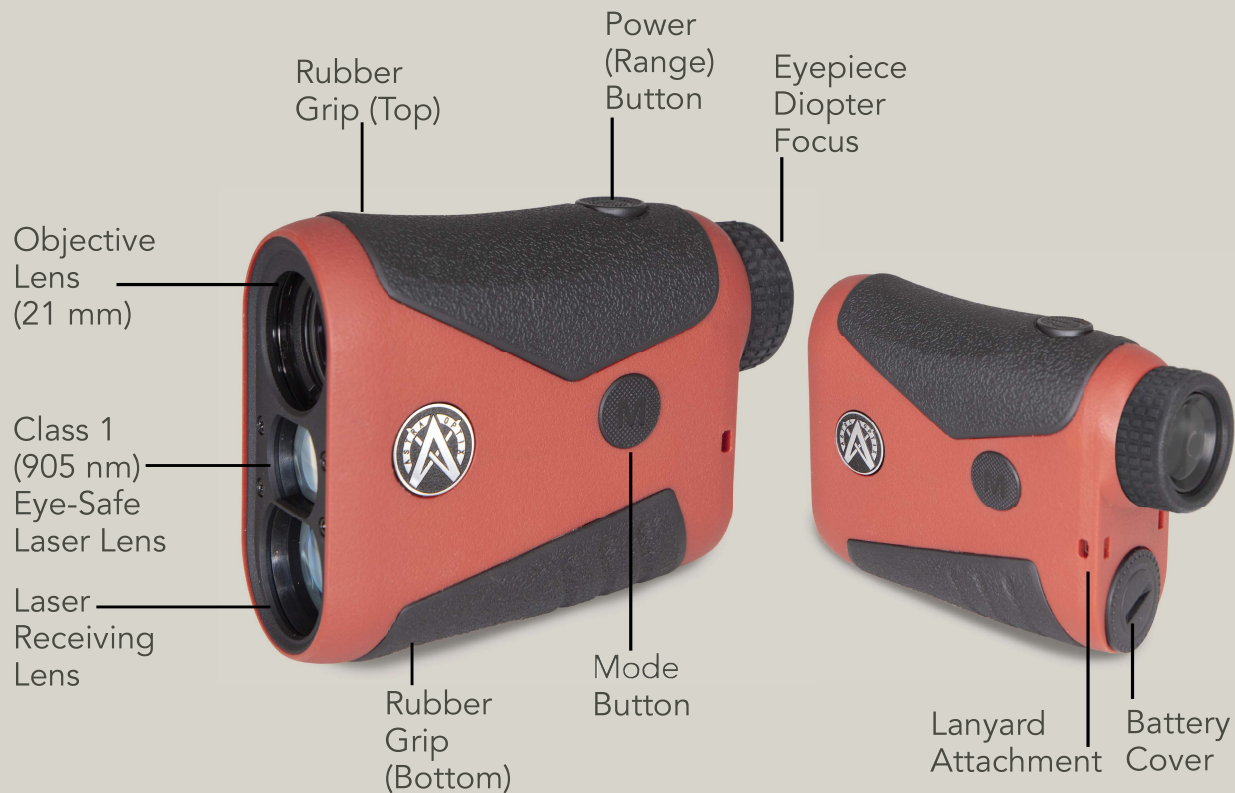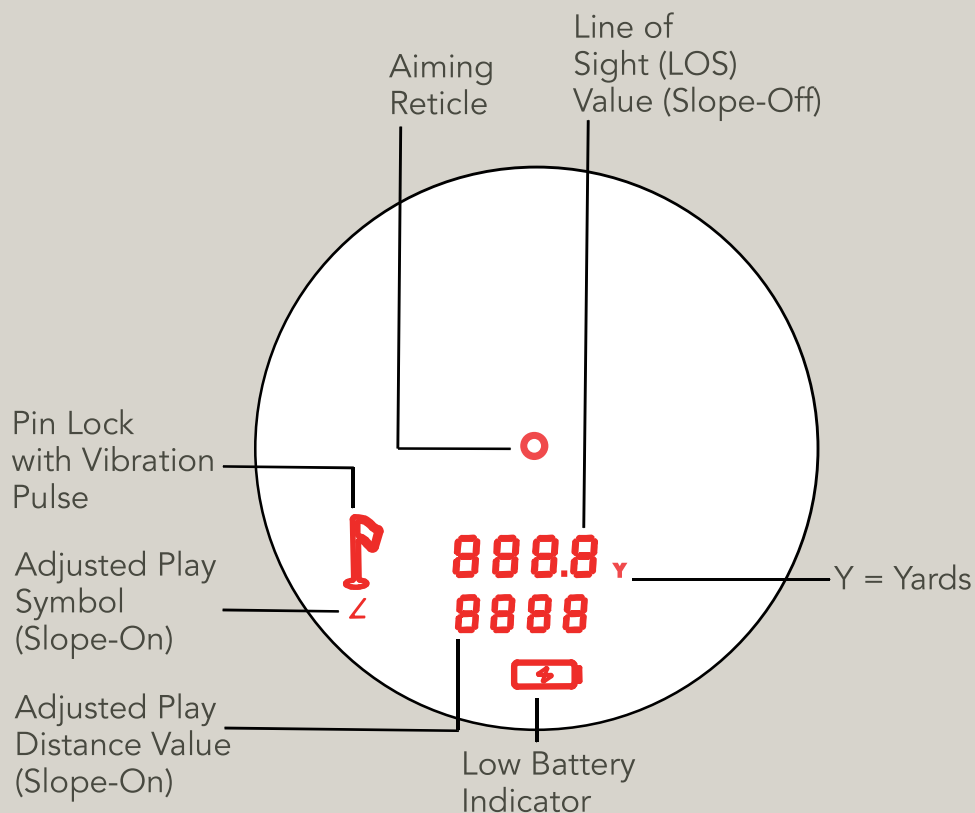
Quick Start

1. Menu Settings - Button Operation Summary

Hold Mode Button to enter menu.

Press Mode Button to confirm selections in the menu.

Hold Mode Button to exit menu.

Press Power Button to turn on and to measure the distance.

Hold Power Button to enter Pin Lock Mode

Press Power Button to cycle between menu items when in the menu.

1.1. Menu Settings - Menu Operation Summary

◆ Brightness Setting
  -1 thru 5 - Defaults to level 5

◆ Voice (Speak) Mode
  - Speak On (SPK on)
  - Speak Off (SPK oFF) - Default

◆ Slope Mode
  - Slope On (SLoP on) - Default
  - Slope Off (SLoP oFF)

REMINDER:
◆ Remember to remove the plastic insert from the battery compartment before use.

NOTES:
◆ **Slope Mode** is the factory default setting and is turned on out of the box.

◆ In **Slope Mode**, your rangefinder will display the slope distance for incline or decline angles within -20° to +20° degrees. For incline and decline angles outside this range, the rangefinder will only show the line-of-sight distance.

◆ When using the **Pin Lock with Vibration** feature, the rangefinder may not display the flag icon and vibrate if the laser only reflects off of the flag or flagstick and does not hit any other objects behind the flag.

◆ **Voice Mode** is set to off out of the box.

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2. Remove plastic insert to connect battery: Open the battery cover and remove the plastic insert from the top of the battery.

3. Turn on unit and Adjust Eyepiece Diopter Focus: Press the **Power (Range) Button** to turn on the rangefinder Red Reflective OLED display.

Turn the **Eyepiece Diopter Focus** until both the image in the field of view and **Aiming Reticle** are clear and focused.

**Press the
Power Button**

Rotate Eyepiece

4. Adjusting the Red OLED Display Brightness: This rangefinder features 5 different display brightness intensity levels. Hold the **Mode Button** for 2 to 3 seconds to enter the menu settings. Press the power button to cycle between levels 1 thru 5. When the preferred brightness setting is blinking, press the **Mode Button** to select.

Brightness Setting

TIP: Your Red OLED Display brightness setting comes defaulted to level 5. If your display readout is too bright, try decreasing the brightness to level 1, 2, 3 or 4.
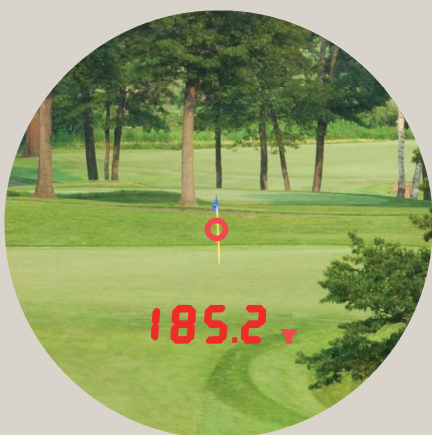
Quick Start

5. Measuring Distance: Aim the **Aiming Reticle** on the object you want to range and press the **Power Button** to display the distance. Your factory default setting is the **Slope-On Mode**.

In the Slope-Off Mode: The line of sight (LOS) value is displayed on the first line just below the **Aiming Reticle**.

In the Slope-On Mode: The LOS value will display on the first line, and the "play at" slope distance will display on the second (bottom) line.

6. Change between Slope-On and Slope-Off Mode: Hold the **Mode Button** for 2 to 3 seconds to enter the menu settings. Short press the **Mode Button** to advance to the Slope-On/ Slope Off menu setting. Press the power button to cycle between Slope On (SLoP on) and Slope Off (SLoP oFF). When your preferred Slope On or Off setting is blinking, press the **Mode Button** to select.

Slope-Off Mode

185.2

Slope-On Mode

185.2
203.5

Slope Mode is off

SLoP oFF

Slope Mode is on

SLoP on

Quick Start

7. Use Pin Lock with Vibration Pulse: Our Pin Lock feature provides visual and vibration feedback so you can be confident in the distance to the flagstick.

Hold down the **Power (Range) Button** for about 2 seconds when aiming at the flagstick. The rangefinder will vibrate and display a flagstick icon in the display indicating you ranged the flag. If you do not want to use the **Pin Lock** feature, just press the **Power (Range) Button**, and do not hold down the button.

The rangefinder may not display the flag icon and vibrate if the laser only reflects off of the flagstick and does not hit any other objects behind the flag, or if objects behind the flag are less than 3 yards away.

If the laser hits both the flag and objects behind the flag, then the rangefinder will display a flag icon and vibrate if the objects behind the flag are more than 3 yards away.

Hold the Power Button Down   **Flagstick Icon**
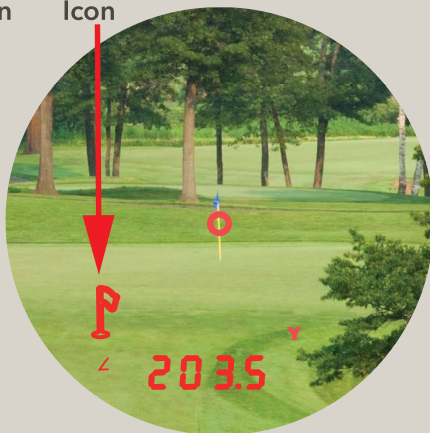
8. Turn On / Off Voice Mode: Voice Mode provides an audio description of the ranging distance. Hold the **Mode Button** for 3 seconds to enter the menu settings. Press the **Mode Button** to advance to the Speak On/Speak Off setting. Press the **Power Button** to cycle between Speak On (SPK on) and Speak Off (SPK off). When your preferred setting is blinking, press the **Mode Button** to select.

Voice (Speak) Mode is off

Voice (Speak) Mode is on

9. Turn off the rangefinder: The unit will turn off automatically if no operation for 10 seconds and will keep the last setting used.

Tips for Using Your Rangefinder

◆ This rangefinder features **Slope Mode**. In **Slope Mode** your rangefinder will provide you the adjusted play distance based on the angle of decline or incline to the flag. To learn more about **Slope Mode**, please visit our website.

◆ Your laser rangefinder comes defaulted to the **Slope-On Mode**. In this mode, it will display both the **Line of Sight (LOS)** value and the **Slope (play-at)** distance.

◆ To make it easier to range the flagstick, hold the **Power (Range) Button** down for 2 seconds to enter the **Pin Lock with Vibration Pulse Mode**. The rangefinder will vibrate and display a flagstick icon confirming you have ranged the flag. You may need to hold the **Power (Range) Button** down for a few seconds until the rangefinder locates the flagstick.

◆ Under ideal conditions, your Astra Optix™ Pro X-1 Laser Rangefinder can measure the distance of reflective objects out to 1,760 yds. It can also measure a tree out to 1,000 yds. and the flag out to 450 yards. The **Pin Lock with Vibration Pulse Mode** works up to a distance of 250 yards. The type of target you are ranging strongly impacts the maximum ranging distance.

◆ Shiny reflective objects such as metal buildings will range much better than less-reflective objects such as trees, animal fur, bushes or grass. Objects that are more dense, such as trees or rock, will range better than bushes or grass.

◆ Bright-colored objects normally range better than dark-colored objects.

◆ Rain, fog, snow, bright sunny days and dusty days will reduce the overall ranging performance.

◆ Cloudy days without fog, snow, rain or dust blowing in the air provide the best ranging conditions.

◆ Targets that have a flat surface 90° to the laser emitting from the laser rangefinder range better than targets that have a curved surface, or are positioned at an angle in relation to the emitted laser.

◆ If the **Low Battery Indicator** flashes, we recommend that you change the battery as soon as possible.

◆ If at any time, your rangefinder freezes or is not responsive after turning it on, reset the rangefinder by removing the battery. Wait 10 seconds and then replace the battery. This will usually fix the issue.

Register your Product

Please register your product to activate our **Handshake Warranty** online at www.astraoptix.com so it is covered in case anything happens to your product.

Like us on Facebook to see the latest news for our Astra Optix rangefinders!

Follow us on Instagram to see our product photos and videos.

Scan our warranty QR code to go directly to our Handshake Warranty registration page.

Subscribe to our YouTube channel to have a chance for promotions and giveaways.

Review your Product

Help fellow outdoor enthusiasts with their purchasing decisions by writing an authentic review about your experience with us at **www.amazon.com/ryp**.

Scan the Amazon.com QR code to review your purchase.

Warning

◆ Do not look directly at the sun with your rangefinder, as it could cause serious damage to your eyes.

◆ Do not aim the rangefinder at a person's eyes and do not look into the objective-lens side of the product when you are pressing the power button.

◆ Keep out of reach of small children.

◆ Only use a CR2 3-volt battery and do not use any outside power source.

◆ Do not attempt to open or take apart your laser rangefinder, as this will void your lifetime warranty, may damage your product and could cause electric shock.

◆ Class 1 Laser Product. Product complies with IEC60825-1: Ed. 3: 2014-05 and 21CFR1040. 10/11.

We are here to help!

Don't hesitate to reach out to us if you have any questions or concerns about your product. On behalf of the Astra Optix family, we want to thank you for your purchase and support.

Notes: