



# ASTRA

THE OPTICS STANDARD

## 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	14°F to 120°F

Download the full instruction manual at [www.astraoptix.com](http://www.astraoptix.com).  
For customer service support, email [Contact@astraoptix.com](mailto:Contact@astraoptix.com)



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## What's in the Box?

- ◆ 6x21mm Laser Rangefinder
- ◆ Adjustable Neck-Style Lanyard
- ◆ Hard Premium Carry Case
- ◆ Astra Optix™ Decal Sticker
- ◆ Microfiber Lens Cleaning Cloth
- ◆ Astra Optix™ Warranty Card
- ◆ CR-2 3-volt Lithium Battery
- ◆ Quick Start Guide

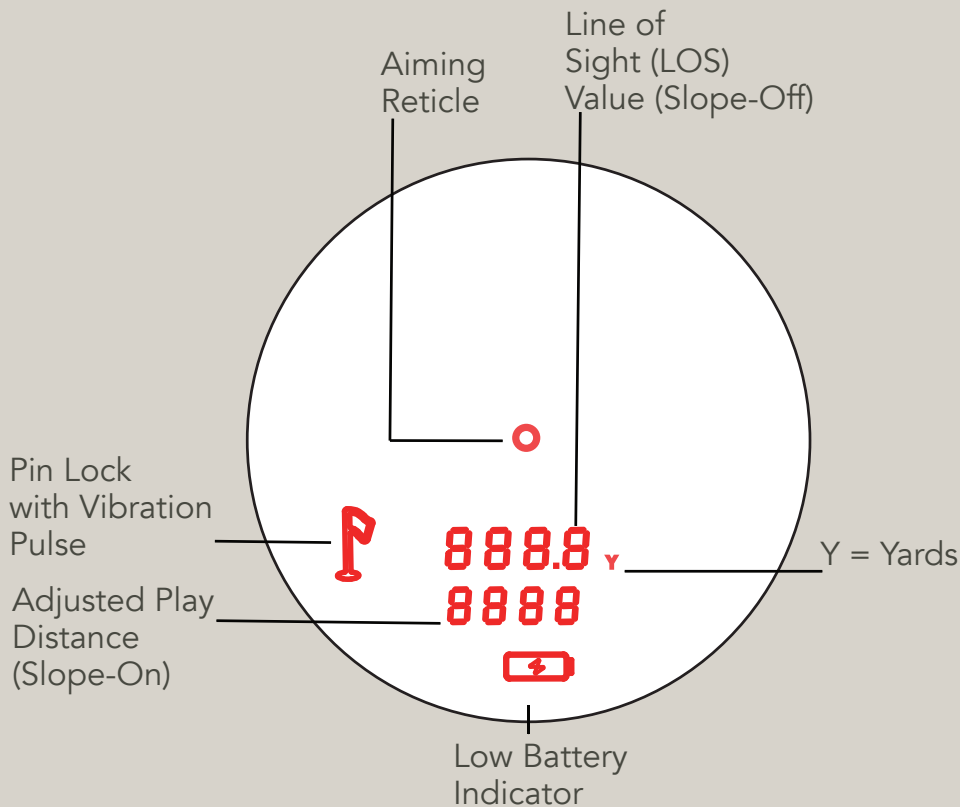


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# Your Rangefinder at a Glance



## Red Reflective OLED





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## Quick Start

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



**2. 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



**3. Adjusting the Red OLED Display Brightness:** This rangefinder features 5 different display brightness intensity levels. Hold the **Mode Button** to adjust the display brightness setting. The brightness setting will cycle between levels 1 thru 5.

Brightness Setting



**TIP:** Your Red OLED Display brightness setting comes defaulted to level 3. If you can not see your display readout very well, try increasing the brightness up to level 4 or level 5. Similarly, if your display readout is too bright, try decreasing the brightness to level 1 or level 2.





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**4. Measuring Distance:** Aim the **Aiming Reticle** on the object you want to range and press the **Power Button** to display the distance. Your unit factory default setting is the **Slope-off 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 "play at" distance will be displayed at the bottom of your display.

**5. Change between Slope-On and Slope-Off Mode:** Simply double click the **Mode Button**.

Double click the Mode Button



Slope-Off Mode



Slope-On Mode



Slope Mode is off



Slope Mode is on





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## Quick Start

**6. 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.

Simply hold down the **Power (Range) Button** when aiming at the flagstick. This may take a few seconds. The rangefinder will vibrate and display a flagstick icon in the display indicating you have ranged the flag.

If there are no other objects around the flagstick, your rangefinder may give you the distance without showing that you are locked onto the flagstick.

Hold the Power  
Button Down



Flagstick  
Icon



**7. Turn On / Off Voice Mode: Voice Mode** provides an audio description of the ranging distance of your desired target. Simply press the **Mode Button** once to turn on / off.

Voice (Speak)  
Mode is off



Voice (Speak)  
Mode is on



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



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## Tips for Using Your Rangefinder

- ◆ Your laser rangefinder comes defaulted to the **Slope-Off Mode**. In this mode, it will display the **Line of Sight (LOS) Value**.
- ◆ This rangefinder also 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.
- ◆ To make it easier to range the flagstick, hold the **Power (Range) Button** down 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.

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## Register your Product

Please register your product to activate our Handshake Warranty on line at [www.astraoptix.com](http://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.

## 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.

