



ASTRA

THE OPTICS STANDARD

PRO A-1 Golf & Hunting 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	Coated
Housing Material	Composite with Rubber Armoring
Dimensions	4.13" x 1.68" x 3.13"
Total Wt. (including battery)	6.08 oz.
Laser Type	905 nm Class 1 Eye-Safe
Display Type	Transmissive Black LCD
Range Response Time	0.3 seconds
Battery Type	CR-2 3-volt Lithium
Battery Life	Approximately 10,000 Readings
Laser Range (Reflective)	6-800 yds.
Laser Range (Tree)	6-500 yds.
Laser Range (Deer)	6-250 yds.
Laser Range (Flag)	6-200 yds.
Laser Range (Pin Lock Feature)	6-200 yds.
Range Accuracy (Distance & Angle)	+/- 1 Yard & +/- 1°
Slope Feature	Yes
Pin Lock	Yes
Operational Temperature Range	23°F to 120°F

Download the full instruction manual at www.astraoptix.com.
For customer service support, email Contact@astraoptix.com.



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What's in the Box?

- ◆ 6x21mm Laser Rangefinder
- ◆ Interchangeable Black Front Cover
- ◆ Microfiber Storage Pouch
- ◆ CR-2 3-volt Lithium Battery
- ◆ Screwdriver
- ◆ 4ea Spare Screws for Front Cover
- ◆ Astra Optix™ Decal Sticker
- ◆ Astra Optix™ Warranty Card
- ◆ Quick Start Guide

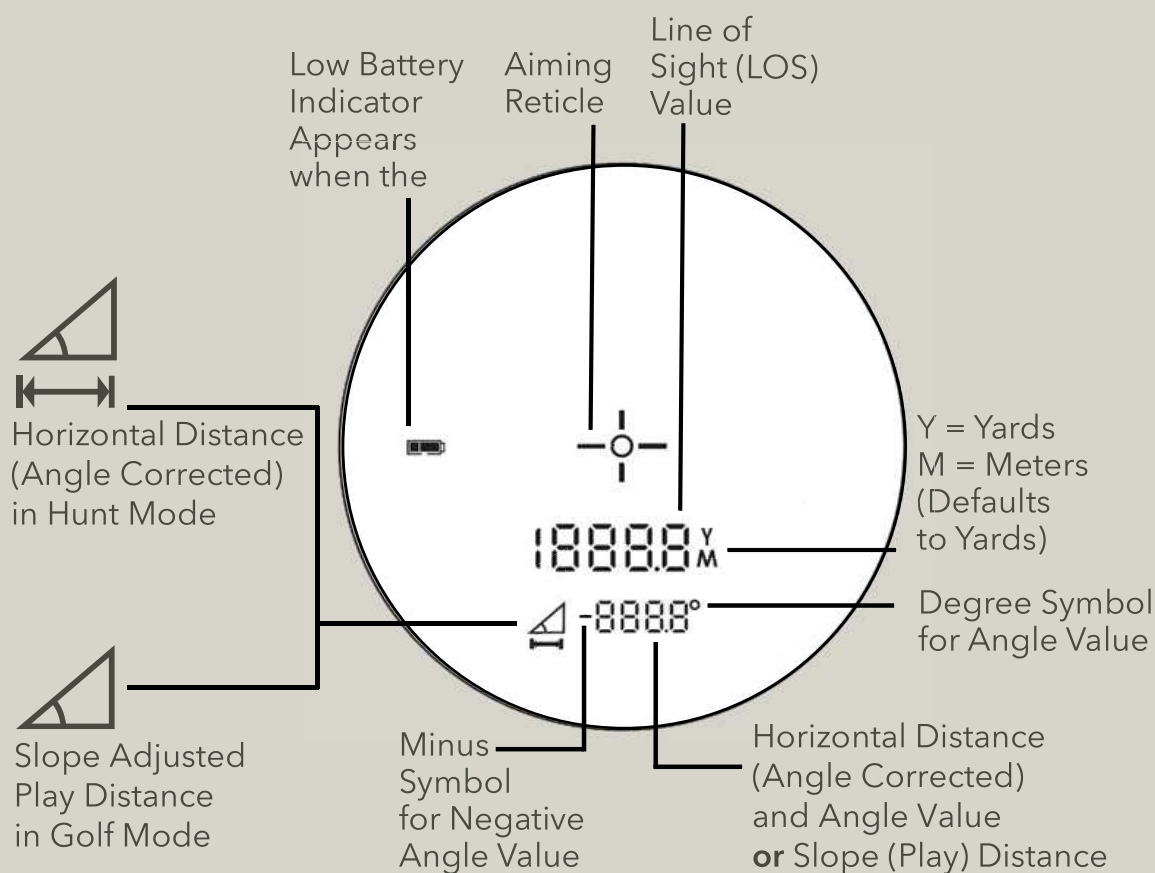


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Your Rangefinder at a Glance



LCD Display



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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 the Eyepiece Diopter Focus: Press the **Power (Range) Button** to turn on the rangefinder LCD 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



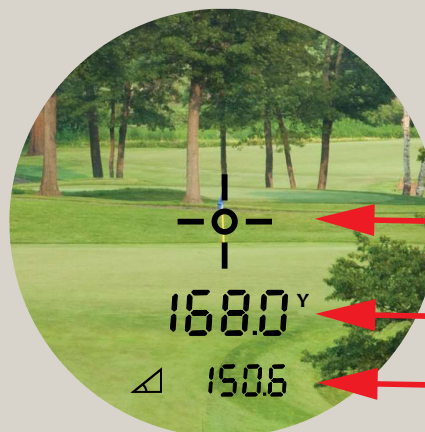
3. Measuring Distance: Aim the **Aiming Reticle** on the object you want to range and press the **Power Button** to display the distance. Your factory default mode setting is in the **Golf Mode**.

Golf Mode Display Readout:

◆ The **Line of Sight (LOS)** value will display on the top row in your display for 12 seconds, or until you press the range button again.

◆ The **Slope "Play" Distance** will display at the same time as the LOS value on the bottom row of your display for also 12 seconds

◆ The **Pin Lock** feature provides visual feedback so you can be confident in the distance to the flagstick. Press the **Power (Range) Button** when aiming at the flagstick. This may take a few seconds. When locked on to the golf flagstick, a large duplex reticle ($\begin{smallmatrix} - & 1 & - \\ | & & | \end{smallmatrix}$) will flash.



Pin Lock
Duplex
Reticle
Flashes

Line of Sight
(LOS) Value

Slope Value




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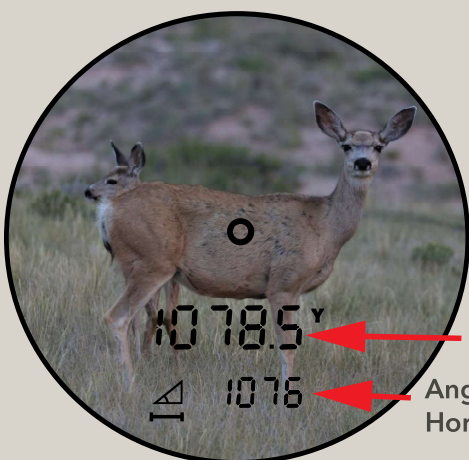
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Quick Start

Hunt Mode Display Readout:

◆ The **Line of Sight (LOS)** value will display on the top row in your display.

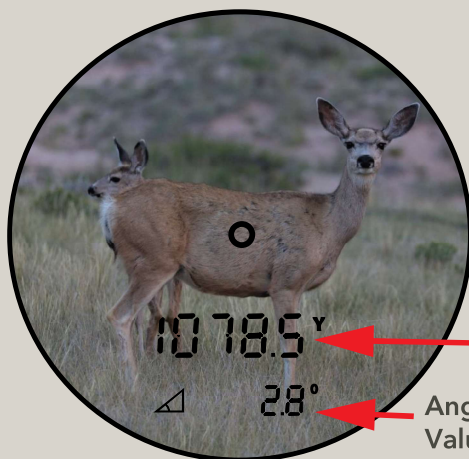
◆ The **Angle-Corrected Horizontal Distance** () value will flash for 2 seconds on the bottom line.



Line of Sight (LOS) Value

Angle-Corrected Horizontal Value

◆ The **Angle** value will flash for 2 seconds on the bottom line following the horizontal distance.



Line of Sight (LOS) Value

Angle Value

◆ All three values will continue to flash back and forth for 12 seconds or until you take a new measurement.

4. Change between Golf Mode and Hunt Mode: Press the **Power (Range) Button** to turn on the rangefinder. Next press and hold the **Mode Button** for about 3 seconds to enter the menu.

Press the **Power (Range) Button** to cycle between Golf and Hunt. When the mode you want is blinking, press the **Mode Button** to select.



5. Turn off the rangefinder: The unit will turn off automatically if no operation for 12 seconds and will keep the last setting used.



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Quick Start

6. Menu Settings - Button Operation Summary



6.1. Menu Settings - Menu Operation Summary

- ◆ Operation Mode Selection
 - **Golf Mode** with Pin Lock and Slope Technology
 - **Hunt Mode** with Horizontal (Angle Corrected) Distance, Angle Value, and Line of Sight (LOS) Distance.
- ◆ Distance Units Selection
 - Y / M
- ◆ Scan Mode (**Hunt Mode Only**)
 - Hold Power Button down to scan different objects for continuous fast distance measurements.
 - In Scan Mode, only the Line of Sight (LOS) Distance will display.

Notes:

- ◆ In Golf Mode, your rangefinder will also provide you the adjusted distance (Slope value) based on the angle of decline or incline to the flag.
- ◆ In Golf Mode, the Pin Lock feature provides visual feedback when locked on to the golf flagstick. A large duplex reticle ($\begin{smallmatrix} - & | & - \\ & | & \\ & | & \end{smallmatrix}$) will flash when you range the flagstick.



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Quick Start

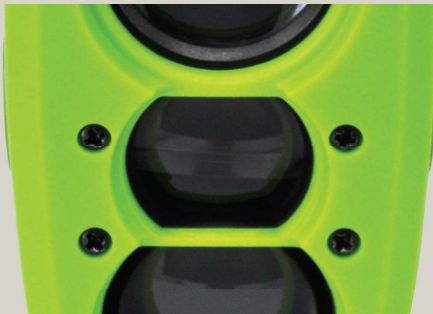
7. Bonus Interchangeable Front Cover!

Your Pro A-1 Rangefinder comes with an extra black front cover to use for hunting and 4 extra spare replacement screws just in case.



Follow the below quick and easy steps to switch between your green front cover for golf to the included black front cover for hunting.

- ◆ Using the included screwdriver, remove all four screws from the green front cover. Unscrew in the counter-clockwise direction.



- ◆ Remove the green cover from the front of the rangefinder.



- ◆ Place the black cover on the front of the rangefinder. There are grooves in the front of the laser rangefinder. Slide the cover into these grooves.

- ◆ Replace the 4 screws and secure them into the 4 holes of the front cover by turning them clockwise with the included screwdriver. Do not overtighten. Just tighten the screws until they stop.





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Tips for Using Your Rangefinder

- ◆ Your laser rangefinder comes defaulted to the **Golf Mode**. In this mode, it will display the **Line of Sight (LOS) Value** on the top line and the **Slope "Play" Distance** on the bottom line.
- ◆ This rangefinder provides the **Slope "Play" Distance** when in the **Golf Mode**. Your rangefinder will calculate the adjusted play distance based on the angle of decline or incline to the flag. This feature is based on hitting a golf ball, and should not be used for hunting.
- ◆ In **Golf Mode**, to make it easier to range the flagstick, your rangefinder has **Pin Lock** technology. When you press the **Power (Range) Button** down to range the flag, the rangefinder will display the nearest distance value (Golf Flagstick) of a group of targets that are within your field of view. The Duplex reticle ($\begin{smallmatrix} - & | & - \\ & \downarrow & \end{smallmatrix}$) will flash giving you visual confirmation that you have locked on to the golf flagstick.
- ◆ For hunting, choose the **Hunt Mode**. The rangefinder will display the **Line of Sight (LOS)** distance, **Horizontal (Angle Corrected)** distance, and the **Angle** value. For archery or shooting, you can use the horizontal angle-corrected shoot-at distance. The horizontal angle corrected distance is only for hunting. For hitting a golf ball, use the golf mode which provides the slope "play" distance.
- ◆ Under ideal conditions, your Astra Optix™ Pro A-1 Laser Rangefinder can measure the distance of reflective objects out to 850 yds. It can also measure a tree out to 600 yds. and the flag out to 450 yards. The **Pin Lock** feature 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.
- ◆ The Low Battery symbol will flash when the battery life is lower than 25%. 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** online at www.astraoptix.com so it is covered in case anything happens to your product.



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



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.



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.



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