

# Bushnell®

## LASER RANGEFINDER YARDAGE PRO Sport



### INSTRUCTION MANUAL

20-0015, 20-0015R

Your YARDAGE PRO SPORT is a precision instrument designed to provide many years of enjoyment. This booklet will help you achieve optimum performance by explaining its adjustments and features as well as how to care for this precise laser rangefinding instrument. To ensure optimal performance and longevity, please read these instructions before using your YARDAGE PRO SPORT.

### INTRODUCTION

Your Bushnell YARDAGE PRO SPORT is the world's most simple to use, yet advanced laser rangefinder. Using Digital Technology and measuring a mere 3.9 x 3.1 x 1.7 inches, the 7.4 ounce YARDAGE PRO SPORT delivers superb and accurate range performance to +/- one yard. Range to a deer or a golf flag as far as 200 yards out, or to a tree 450 yards away for a reference point. The single button operation allows outdoor enthusiasts to easily measure distance with confidence.

The YARDAGE PRO SPORT emits invisible, eyesafe, infrared energy pulses. Sophisticated digital technology instantaneously calculates distances by measuring the time it takes for each pulse to travel from the rangefinder, to the target, and back.

The ranging accuracy of the YARDAGE PRO SPORT is plus or minus one yard / meter under most circumstances. The maximum range of the instrument depends on the reflectivity of the target. The maximum distance for most objects is 450 yards / 411 meters while for highly reflective objects the maximum is 800 yards / 732 meters. Note: You will get both longer and shorter maximum distances depending on the reflective properties of the particular target and the environmental conditions at the time the distance of an object is being measured.

The color, surface finish, size and shape of the target all affect reflectivity and range. The brighter the color, the longer the range. Red is highly reflective, for example, and allows longer ranges than the color black, which is the least reflective color. A shiny finish provides more range than a dull one. A small target is more difficult to range than a larger target. The angle to the target also has an effect. Shooting to a target at a 90 degree angle (where the target surface is perpendicular to the flight path of the emitted energy pulses) provides good range while a steep angle on the other hand, provides limited ranging. In addition, lighting conditions (e.g. the amount of sunlight) will affect the ranging capabilities of the unit. The less light (e.g. overcast skies) the farther the unit's maximum range will be. Conversely, very sunny days will decrease the unit's maximum range.

### OPERATIONAL SUMMARY

While looking through the monocular, depress the power button once to activate the inview display system (LCD). Aim the YARDAGE PRO SPORT at a target at least 10 yards away, depress and hold the power button down until range reading is displayed. Release the power button. Note: Once activated, the YARDAGE PRO SPORT's LCD will remain active and display the last distance measurement for 30 seconds. You can depress the power button again at any time to distance to a new target. As with any laser device, it is not recommended to directly view the emissions for long periods of time with magnified lenses.



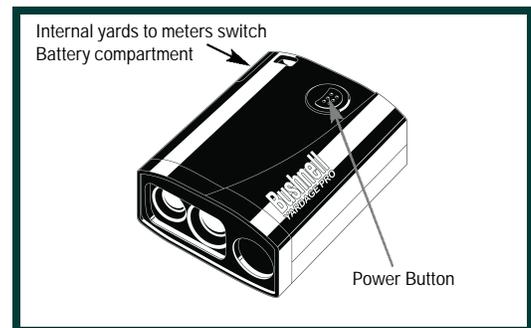
### FEATURES

Your YARDAGE PRO SPORT's LCD incorporates illuminated indicators that advise you unit of measure, when the laser is active, the battery charge is low, and when a target has been acquired. A summary of these features is presented below:

**UNIT OF MEASURE OPTIONS** The YARDAGE PRO SPORT can be used to measure distances in yards or meters. The unit of measure indicators are located in the lower right portion of the LCD. To select between yards and meters, remove the battery cover slide. Locate the internal yards to meter slide switch. To measure in yards, slide the switch to the "Y" position. To measure in meters, slide the switch to the "M" position.

**ILLUMINATING INDICATORS** Low Battery Charge (LOW) When the low battery symbol is displayed in the upper right-hand portion of the LCD, the battery charge is getting low and the 9-volt alkaline battery should be replaced.

Target Acquired: Informs the user that a distance measurement has been obtained. The message "TARGET ACQUIRED" will appear in the top portion of the LCD. The distance measured will appear at the bottom of the LCD in numerical form.



### SPECIFICATIONS

**OPTICAL DESIGN** The YARDAGE PRO SPORT features a Perma Focus monocular optical system for viewing your target. A liquid crystal display (LCD) is mounted within the optical system and when activated, displays a reticle for targeting, yards / meters, and low battery indicators. Inherent in the manufacturing process are small black spots that appear in the optical system. These are a natural characteristic of the LCD and cannot be fully eliminated in the manufacturing process. They do not affect the distancing performance of the unit.

Dimensions: Pocket Size, measuring 3.9 x 3.1 x 1.7 inches

Weight: 7.4 oz.

Accuracy: +/- 1 yard

Magnification: 4x

Display: LCD (even and odd numbers)

Power Source: 9 volt alkaline battery (user supplied)

FOV: 320 ft. @ 1000 yards

Total Eye Relief: 20mm

Exit Pupil: 4 mm

Single Button Operation

Water resistant

Internal Yards to Meter switch

10-yard minimum, 800 yards to a reflective target, 200 yards to a golf flag, 200 yards to a deer, 450 yards to a tree

Includes case and strap

### CLEANING

Gently blow away any dust or debris on the lenses (or use a soft lens brush). To remove dirt or fingerprints, clean with a soft cotton cloth, rubbing in a circular motion. Use of a coarse cloth or unnecessary rubbing may scratch the lens surface and eventually cause permanent damage. For a more thorough cleaning, photographic lens tissue and photographic-type lens cleaning fluid or isopropyl alcohol may be used. Always apply the fluid to the cleaning cloth - never directly on the lens.

*Before returning for repair, consult the Trouble Shooting Table below.*

## TROUBLE SHOOTING TABLE

### If unit does not turn on - LCD does not illuminate:

- Depress power button.
- Check and if necessary, replace battery.

### If unit powers down (display goes blank when attempting to power the laser):

- The battery is either weak or low quality. Replace the battery with a good quality alkaline battery. Heavy Duty alkaline batteries are NOT recommended.

### There is no reset button to clear last range reading before ranging another target:

- The last range reading does not need to be cleared before ranging another target. Simply aim at the new target using the LCD's reticle, depress the power button and hold until new range reading is displayed.

### If target range cannot be obtained:

- Make sure LCD is illuminated.
- Make sure that the power button is being depressed
- Make sure that nothing, such as your hand or finger, is blocking the objective lenses (lenses closest to the target) that emit and receive the laser pulses.
- Make sure unit is held steady while depressing power button.

## WARRANTY / REPAIR

### TWO-YEAR LIMITED WARRANTY

Your Bushnell® product is warranted to be free of defects in materials and workmanship for two years after the date of purchase. In the event of a defect under this warranty, we will, at our option, repair or replace the product, provided that you return the product postage prepaid. This warranty does not cover damages caused by misuse, improper handling, installation, or maintenance provided by someone other than a Bushnell Authorized Service Department.

Any return made under this warranty must be accompanied by the items listed below:

- 1) A check/money order in the amount of \$10.00 to cover the cost of postage and handling
- 2) Name and address for product return
- 3) An explanation of the defect
- 4) Proof of Date Purchased
- 5) Product should be well packed in a sturdy outside shipping carton, to prevent damage in transit, with return postage prepaid to the address listed below:

#### IN U.S.A. SEND TO:

Bushnell Performance Optics  
Attn.: Repairs  
8500 Marshall Drive  
Lenexa, Kansas 66214

#### IN CANADA SEND TO:

Bushnell Performance Optics  
Attn.: Repairs  
25A East Pearce Street, Unit 1  
Richmond Hill, Ontario L4B 2M9

**For products purchased outside the United States or Canada please contact your local dealer for applicable warranty information. In Europe you may also contact Bushnell at:**

33 141 44 94 80  
Bushnell Performance Optics Service Centre  
Columbusstraat 25  
3165 AC Rotterdam  
The Netherlands

This warranty gives you specific legal rights.  
You may have other rights which vary from country to country.  
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