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Bushnell LE1700SBL

BUSHNELL 6x24 Engage 1700 Laser Rangefinder

User Manual

1. Product Overview

The Bushnell Engage 1700 Laser Rangefinder is designed for precise distance measurement in various outdoor environments. It features an all-glass optical system and an improved LCD display, offering a brighter viewing experience with enhanced light transmission for clearer images, especially in low-light conditions.

- **2x Brighter Optics:** A 40% larger objective lens combined with an all-glass optical system delivers more light for a brighter image, extending usability during dawn and dusk.
- **True Color:** Fully multi-coated optics with ultra-wide band coatings ensure vivid and realistic color reproduction.
- **Bright Display:** Optimized light transmission for superior performance in all lighting conditions, particularly in low light.



Figure 1.1: The Bushnell Engage 1700 Laser Rangefinder, showcasing its compact design and optical lenses.

2. Package Contents

Upon unboxing your Bushnell Engage 1700 Laser Rangefinder, please verify that all the following items are included:

- Bushnell Engage 1700 Laser Rangefinder
- Durable Carrying Case
- Quick Start Guide
- Quick-Attach Lanyard (Neck Strap)
- CR2 Battery (pre-installed or separate)



Figure 2.1: All items included in the Bushnell Engage 1700 package.

3. Setup Guide

3.1 Battery Installation

1. Locate the battery compartment on the rangefinder.
2. Twist or slide open the battery cover.
3. Insert one CR2 battery, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery cover securely.

3.2 Attaching the Lanyard

Attach the quick-attach lanyard to the designated loop on the rangefinder for secure carrying and to prevent accidental drops.

4. Operating Your Rangefinder

4.1 Powering On/Off

Press the power button (usually located on top) to turn the unit on. The display will illuminate. The unit will automatically power off after a period of inactivity to conserve battery.

4.2 Basic Ranging

With the unit powered on, aim the reticle at your desired target and press the power button again. The distance will be displayed instantly. The rangefinder can measure distances up to 1600 meters for reflective targets, 915 meters for trees, and 700 meters for deer.

4.3 ARC Technology (Angle Range Compensation)

The ARC technology accounts for terrain angle, providing a true horizontal distance to the target when shooting uphill or downhill. This is crucial for accurate shot placement.

4.4 Scan Mode

To activate Scan Mode, press and hold the power button while panning across multiple targets. The rangefinder will continuously update target distances 4 times per second, allowing for quick measurements of moving targets or multiple objects.

4.5 Brush and Bullseye Modes

- **Brush Mode:** Ignores foreground objects (e.g., brush, tree branches) and provides distances only to background objects.
- **Bullseye Mode:** Acquires distances to small targets without inadvertently measuring distances to background objects.

4.6 Selectable Reticle

The unit offers selectable reticle options, allowing you to choose between circle/dot, dot only, or circle only, depending on your preference and target conditions.





Figure 4.1: User demonstrating the Bushnell Engage 1700 Laser Rangefinder in use.

5. Care and Maintenance

5.1 EXO Barrier Protection

The lenses are treated with Bushnell's patented EXO Barrier coating. This coating adheres to the outer surfaces of the lenses and actively repels water, oil, fog, dust, and debris, providing maximum protection against the elements.



Figure 5.1: Visual representation of the EXO Barrier technology, showing how it repels water compared to an untreated surface.

5.2 General Cleaning

- Use a soft, lint-free cloth to clean the exterior of the rangefinder.
- For lenses, use a lens cleaning brush or a clean microfiber cloth specifically designed for optics. Avoid using abrasive materials or excessive force.
- Do not immerse the unit in water, despite its water resistance, unless specified for deeper submersion.

6. Troubleshooting

If you encounter issues with your Bushnell Engage 1700 Laser Rangefinder, please refer to the following common solutions:

- **No Display/Unit Not Powering On:** Check battery installation and ensure the battery is fresh. Replace if necessary.
- **Inaccurate Readings:** Ensure the target is within the effective range and that there are no obstructions. Clean the lenses if they are dirty.
- **Display Flickering:** This may indicate a low battery. Replace the battery.
- **Unit Not Ranging:** Ensure you are pressing the power button firmly and holding it steady. Avoid aiming at highly reflective or transparent surfaces that may interfere with the laser.

For persistent issues, please contact Bushnell customer support.

7. Technical Specifications

Feature	Specification
Model Number	LE1700SBL
Style	1700
Brand	Bushnell
Color	Black
Main Material	Glass
Item Weight	169 Grams
Product Dimensions (L x W x H)	2.54 x 2.54 x 2.54 cm
Included Components	Strap, Laser Rangefinder
Battery Type	CR2
Batteries Included	Yes
Specific Use	Hiking and Outdoor
Sport	Hunting, Bird Watching, Hiking
Water Resistance Level	Waterproof
Maximum Magnification	1 Unknown Modifier

8. Warranty and Support

Bushnell products are manufactured to the highest standards and are designed to provide reliable performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Bushnell website.

For technical support, product inquiries, or service, please contact Bushnell customer service through their official channels. Keep your purchase receipt as proof of purchase for any warranty claims.

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