Bushnell Elite 1600 Arc Rangefinder 7x26

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User Manual

Introduction

The Bushnell Elite 1600 Arc Rangefinder 7x26 is a precision optical instrument designed for accurate distance measurement in various outdoor environments. It features advanced Angle Range Compensation (ARC) technology, offering specialized Bow and Rifle modes to provide precise line-of-sight, angle, and true horizontal distances, as well as bullet drop/holdover information. Equipped with Vivid Display Technology (VDT) for enhanced readability in all lighting conditions and a Selective Targeting System, this rangefinder is built for reliable performance. Its robust construction includes RainGuard HD water repellent lens coating and 100% waterproof sealing.



Figure 1: Generic representation of the Bushnell Elite 1600 Arc Rangefinder. Actual product appearance may vary.

Setup

Battery Installation

1. Locate the battery compartment cover, typically on the side or bottom of the unit.
2. Twist or unlatch the cover to open.
3. Insert a fresh 3-volt CR2 battery, ensuring the positive (+) terminal is oriented correctly as indicated inside the compartment.
4. Securely close the battery compartment cover to maintain the waterproof seal.

Eyepiece Adjustment

The Elite 1600 features a twist-up eyepiece. Rotate the eyepiece up or down until the display and target appear sharp and clear to your eye.

Operating Instructions

Basic Ranging

1. Press the power/fire button once to activate the display.

2. Aim the reticle at your desired target.
3. Press the power/fire button again to obtain a distance reading. The distance will be displayed on the VDT.

ARC (Angle Range Compensation) Modes

The Elite 1600 provides Angle Range Compensation from -90° to +90°.

- **Bow Mode:** Provides line-of-sight distance, angle, and true horizontal distance for targets from 10-99 yards/meters. This is ideal for archery, where the horizontal distance is critical for accurate shot placement on sloped terrain.
- **Rifle Mode:** Provides line-of-sight distance, angle, and bullet drop/holdover information up to 199 inches. This mode is designed for rifle shooters, allowing for compensation based on ballistic trajectory.

VDT (Vivid Display Technology)

VDT enhances the display readout, making it clear and legible in all lighting conditions, from bright daylight to low light.

VSI (Variable Sight-In)

In Rifle Mode, VSI allows you to select sight-in distance options of 100, 150, 200, or 300 yards. This feature helps in calculating precise holdover values based on your rifle's zero distance.

Selective Targeting System

- **Automatic SCAN:** Press and hold the power button to continuously scan distances as you pan across multiple targets.
- **BullsEye Mode:** Acquires the distance of small targets and game without inadvertently measuring background objects.
- **Brush Mode:** Ignores foreground objects like brush, rocks, and tree branches, providing distances to background objects only.

Maintenance

Cleaning Lenses

Gently wipe lenses with a soft, clean cloth. For stubborn spots, use a lens cleaning solution designed for optics. Avoid abrasive materials that could scratch the lens coating.

Battery Replacement

Replace the battery when the low battery indicator appears on the display or if the unit fails to power on. Always use a fresh 3-volt CR2 battery.

Storage

Store the rangefinder in a cool, dry place when not in use. Remove the battery if storing for extended periods to prevent leakage.

Waterproof Feature

The Elite 1600 is 100% waterproof. While designed to withstand immersion, ensure all covers (especially the battery compartment) are securely closed before exposure to water.

Troubleshooting

- **No Display/Unit Not Powering On:**
  Check battery orientation. Replace with a fresh battery. Ensure battery compartment is fully closed.
- **Inaccurate Readings:**
  Ensure the target is within the effective range (5-1600 yards). Check for obstructions between the rangefinder and the target. Ensure lenses are clean.

- **Display Appears Dim or Flickering:**
  This may indicate a low battery. Replace the battery.
- **Cannot Acquire Target:**
  Ensure you are holding the unit steady. Try using SCAN mode or adjusting between BullsEye and Brush modes depending on the environment.

Specifications

Feature	Detail
Brand	Bushnell
Model	Elite 1600 Arc Rangefinder 7x26
Magnification	7x
Ranging Performance	5-1600 yards
ARC (Angle Range Compensation)	-90° to +90°
Water Resistance Level	100% Waterproof
Optics Coating	Fully Multi-Coated with RainGuard HD
Eyepiece	Twist-up
Tripod Mount	Built-in
ASIN	B00P6M1AVA
Date First Available	November 3, 2014

Warranty and Support

Bushnell products are manufactured to the highest standards and are designed to provide years of reliable performance. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official Bushnell website.
For technical support, service, or replacement parts, please contact Bushnell Customer Service. Contact information can typically be found on the Bushnell website or in the product packaging.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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