Sig Sauer SOK15601

Sig Sauer BUCKMASTERS 1500 Laser Rangefinder 6x22MM User Manual

Model: SOK15601 | Brand: Sig Sauer

1. INTRODUCTION AND OVERVIEW

The Sig Sauer BUCKMASTERS 1500 Laser Rangefinder is a high-performance monocular designed for precision ranging in hunting and outdoor activities. It features a 6x magnification and a 22mm objective lens, providing clear optics. The device offers fast ranging capabilities with a vivid red illuminated display, optimized for low-light conditions. Built for durability, it is IPX-4 water-resistant, making it suitable for various environmental challenges.

A key feature is the "Buckmasters Mode," which includes 8 integrated ballistic groups. This allows the rangefinder to suggest the appropriate Buckmasters BDC (Bullet Drop Compensator) holdover point when used with a compatible riflescope, enhancing accuracy for hunters.

Image 1.1: The Sig Sauer BUCKMASTERS 1500 Laser Rangefinder. This image shows the front and side of the device, highlighting the laser aperture and the Sig Sauer logo.

2. SETUP

2.1 Battery Installation

The BUCKMASTERS 1500 Laser Rangefinder requires one CR2 battery for operation. Please note that the battery is not included with the device.

1. Locate the battery compartment on the device. This is typically found on the side or bottom.
2. Open the battery compartment cover.
3. Insert one CR2 battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Securely close the battery compartment cover.

Important: Always use a fresh CR2 alkaline battery for optimal performance. Remove the battery if the device will not be used for an extended period to prevent potential leakage.

3. OPERATING INSTRUCTIONS

3.1 Powering On and Off

- To power on the device, press the power/range button, usually located on the top of the unit. The red illuminated display will activate.

- The rangefinder is designed to automatically power off after a period of inactivity to conserve battery life.

3.2 Ranging

- With the device powered on, aim the rangefinder at your desired target.
- Press and release the power/range button. The distance to the target will be displayed on the screen.
- For continuous scanning, press and hold the power/range button while sweeping across multiple targets. The display will update with new distances.

3.3 Buckmasters Mode

The BUCKMASTERS 1500 features a specialized "Buckmasters Mode" equipped with 8 integrated ballistic groups. This mode is particularly useful when paired with a Sig Sauer Buckmasters riflescope.

- When Buckmasters Mode is active, the rangefinder can provide an indication of which Buckmasters BDC (Bullet Drop Compensator) holdover point to use on your compatible riflescope.
- Consult your Buckmasters riflescope manual for detailed instructions on how to utilize the BDC feature in conjunction with the rangefinder's output.

3.4 Display Information

The red illuminated display provides clear and concise information, including:

- Measured distance to target.
- Battery status indicator.
- Active ranging mode (e.g., Buckmasters Mode).

Image 3.1: Top-down view of the rangefinder, illustrating the laser aperture and control buttons for operation.

4. Maintenance

4.1 Cleaning

- **Lenses:** Use a soft, lint-free cloth (such as a microfiber lens cloth) to gently wipe the lenses. For stubborn dirt or smudges, apply a small amount of lens cleaning solution specifically designed for optics to the cloth, then wipe the lenses. Avoid using abrasive materials or harsh chemicals.
- **Body:** Wipe the body of the rangefinder with a soft, damp cloth. Do not submerge the device in water.

4.2 Storage

- Store the rangefinder in a dry, cool place, away from direct sunlight and extreme temperatures.
- If the device will not be used for an extended period, remove the CR2 battery to prevent potential battery leakage and damage to the electronics.
- Keep the lens caps on when not in use to protect the lenses from dust and scratches.

5. TROUBLESHOOTING

If you encounter issues with your Sig Sauer BUCKMASTERS 1500 Laser Rangefinder, please refer to the following common troubleshooting steps:

- **No Display or Dim Display:**
  • Check the battery. Ensure it is correctly installed with the proper polarity.
  • Replace the battery with a fresh CR2 battery. Low battery power can cause a dim or non-responsive display.

- **Inaccurate Readings:**
  • Ensure the target is within the specified ranging capabilities of the device (e.g., 600 yards for deer, 1500 yards for reflective targets).
  • Verify that there are no obstructions (e.g., branches, tall grass) between the rangefinder and your target.
  • Environmental conditions such as heavy fog, rain, or snow can significantly affect ranging accuracy and maximum range.

- **Buttons Unresponsive:**
  • Confirm that the battery is properly installed and has sufficient charge.
  • If the device has been exposed to extreme cold, allow it to warm up slightly before use.

- **Laser Aperture Blocked:**
  • Ensure the laser aperture (front lens) is clean and free from dirt, dust, or smudges. Refer to the cleaning instructions in Section 4.1.

If these steps do not resolve the issue, please contact Sig Sauer customer support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Model Number	SOK15601
Magnification	6x
Objective Lens Diameter	22 mm
Exit Pupil	3.67 mm
Eye Relief	18 mm
Weight	5.7 oz (approx. 161.6 g)
Laser Divergence	1.50 x 0.2 mrad
Range (Deer)	600 yards
Range (Trees)	800 yards

Feature	Specification
Range (Reflective Targets)	1500 yards
Water Resistance	IPX-4
Material	Aluminum
Color	Black
Dimensions (L x W x H)	15.24 x 15.24 x 5.08 cm
Battery Type	1 CR2 (Alkaline)

Image 6.1: Dimensional view of the Sig Sauer BUCKMASTERS 1500 Laser Rangefinder, showing its length, width, and height.

7. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Sig Sauer website or contact their customer service department directly. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

Online Resources: For the most up-to-date information, FAQs, and additional support, please refer to the official Sig Sauer support pages.

Related Documents - SOK15601

SIG SAUER KILO8K-ABS™ 7x25mm Digital Ballistic Laser Rangefinder Owner's Manual
Comprehensive owner's manual for the SIG SAUER KILO8K-ABS™ 7x25mm Digital Ballistic Laser Rangefinder, detailing setup, operation, advanced features, and app integration.

SIG SAUER SV50-LRF Thermal Sight User Manual
User manual for the SIG SAUER SV50-LRF Thermal Sight, detailing operation, quick menu, main menu functions, settings, storage, transportation, technical specifications, and FCC compliance information.

SIG SAUER KILO10K-ABS HD Gen II Operator's Manual: Advanced Laser Rangefinder
Explore the SIG SAUER KILO10K-ABS HD Gen II Laser Rangefinder. This operator's manual covers features like BDX, Applied Ballistics Elite, and LightWave DSP for precise distance measurement and ballistic solutions.

SIG SAUER ZULU-DMR Carbon Fiber Tripod Kit Operator's Manual
Operator's manual for the SIG SAUER ZULU-DMR Carbon Fiber Tripod Kit, detailing features, setup, specifications, and warranty information.

SIG SAUER ROMEO5 X/XDR Compact Red Dot Sight Owner's Manual
This manual provides instructions and specifications for the SIG SAUER ROMEO5 X/XDR Compact Red Dot Sight, covering installation, operation, maintenance, and troubleshooting.

SIG SAUER Product Catalog: Firearms, Optics, and Accessories
Explore the comprehensive SIG SAUER product catalog, featuring a wide range of firearms including pistols, rifles, and airguns, alongside optics, silencers, ammunition, and accessories. Discover detailed specifications and product overviews.