

## UTG SCP-M312AOD

# UTG BugBuster Scope 3-12x32mm Rifle Scope Instruction Manual

Model: SCP-M312AOD

## 1. INTRODUCTION AND OVERVIEW

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The UTG BugBuster 3-12x32mm Rifle Scope (Model SCP-M312AOD) is engineered for precision and durability. Built on the True Strength Platform, it is completely sealed and nitrogen-filled, making it shockproof, fogproof, and rainproof. This scope features a 1-inch tube with emerald lens coatings to achieve maximum light transmission and clarity, along with reinforced windage and elevation adjustment components for superior zero retention.

## 2. WHAT'S IN THE BOX

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Your UTG BugBuster Scope package includes:

- BugBuster Riflescope with 2" Sunshade
- High Quality Flip-open Lens Caps
- Cleaning Cloth
- Medium Profile Torx Screw Locking Dovetail Rings
- Allen Wrenches (various sizes)
- Batteries for Reticle Illumination



Image: Contents of the UTG BugBuster Scope box, showing the riflescope, dovetail rings, sunshade, flip-open lens caps, cleaning cloth, and adjustment tools.

### 3. PRODUCT FEATURES AND COMPONENTS

Familiarize yourself with the key components of your UTG BugBuster Scope:



Image: A detailed diagram of the UTG BugBuster Scope, labeling its primary features such as the turrets, magnification ring, diopter, lens, and parallax adjustment wheel.

- **Zero Lockable and Resettable Target Turrets:** For precise windage and elevation adjustments.
- **3-12X Magnification Adjustment:** Allows for variable magnification from 3 to 12 times.

- **Diopter Adjustment:** Adjusts the focus of the reticle to your eye.
- **Emerald Coated Lens:** Enhances light transmission and clarity.
- **3 Yds to Infinity Side Wheel Parallax Adjustment:** Corrects parallax error for improved accuracy at various distances.

## 4. SETUP

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### 4.1. Mounting the Scope

The UTG BugBuster Scope comes with Medium Profile Torx Screw Locking Dovetail Rings. These rings are designed for secure attachment to your rifle's dovetail rail.

### Medium Profile Torx Screw Locking Dovetail Rings Included



Image: The included medium profile Torx screw locking dovetail rings, designed for mounting the scope.

1. Ensure your rifle's rail is clean and free of debris.
2. Attach the dovetail rings to the rail, ensuring they are properly spaced to accommodate the scope's tube.
3. Place the scope into the rings, ensuring the reticle is level.
4. Tighten the Torx screws evenly to secure the scope, but do not overtighten. Refer to the included Allen wrenches for proper torque.

### 4.2. Battery Installation for Illumination

The reticle illumination feature requires batteries. Insert the provided batteries into the designated compartment, typically located on the side turret. Ensure correct polarity for proper function.

## 5. OPERATING

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### 5.1. Magnification Adjustment

Adjust the magnification from 3x to 12x using the magnification adjustment ring located near the eyepiece. Rotate the ring to your desired power setting. The 3-12x range provides versatility for various shooting distances.

Larger **3-12X** Magnification Range.  
The Largest of the BugBuster Series

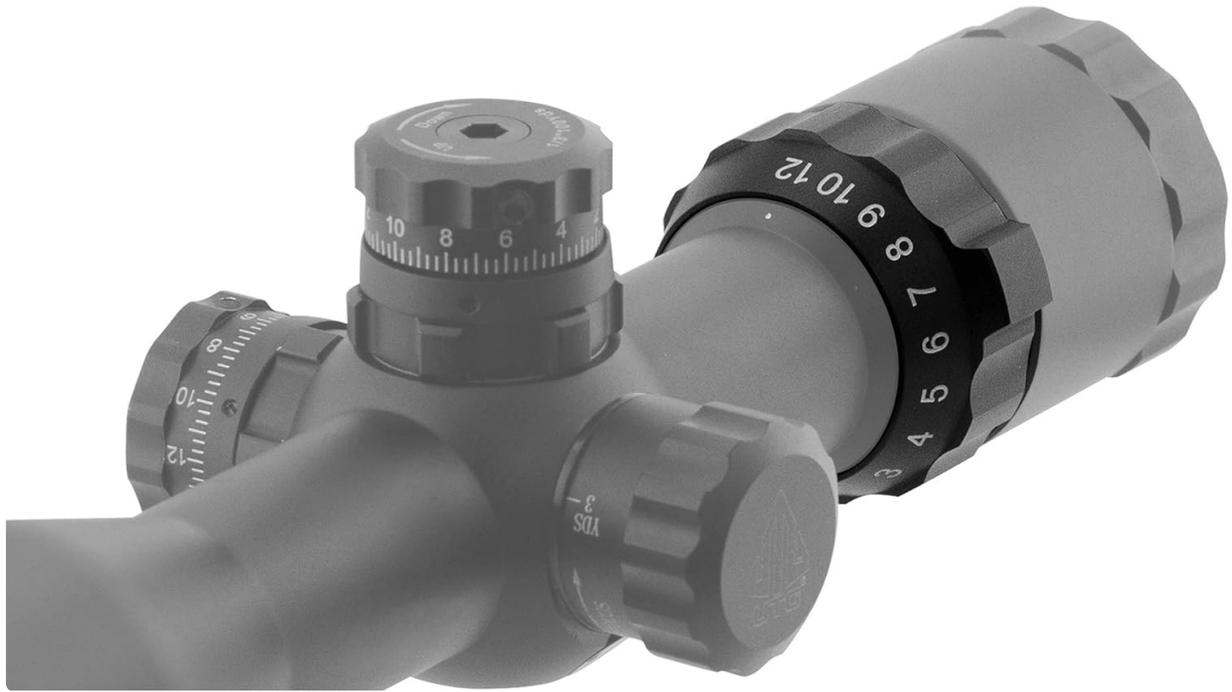


Image: A close-up view of the magnification adjustment ring, indicating the range from 3x to 12x.

## 5.2. Parallax Adjustment

The side wheel parallax adjustment allows for precise parallax correction from 3 yards to infinity. Rotate the side wheel until the target appears clear and the reticle does not shift relative to the target when you move your head slightly.

**SIDE WHEEL ADJUSTABLE TURRET**  
for Parallax Adjustment from 3 Yds to Infinity



Image: The side wheel for parallax adjustment, showing distance indicators from 3 yards to infinity.

### 5.3. Windage and Elevation Turrets

The scope features zero lockable and resettable target turrets for windage (horizontal) and elevation (vertical) adjustments. Each click provides 1/4 MOA adjustment for precise targeting.

1. To make adjustments, unscrew the turret caps.
2. Rotate the turret to achieve the desired adjustment. Each click represents 1/4 MOA.
3. To reset zero, pull up the turret, rotate it to the '0' mark, and then push it down to lock.

### 5.4. Reticle Illumination

The reticle features a 36-color illumination enhancing digital control system. Use the controls to select your preferred color and brightness level for optimal visibility in varying light conditions. This is particularly useful in low-light environments or against challenging backgrounds.

### 5.5. Diopter Adjustment

Adjust the diopter ring near the eyepiece to achieve a sharp reticle focus for your individual eyesight. This adjustment compensates for differences in vision, ensuring the reticle is crisp and clear.

## 6. MAINTENANCE

- **Cleaning Lenses:** Use the provided cleaning cloth to gently wipe lenses. Avoid using harsh chemicals or abrasive materials that could damage the lens coatings.
- **Cleaning Exterior:** Wipe the exterior of the scope with a soft, damp cloth.
- **Storage:** Store the scope in a dry, cool place away from direct sunlight and extreme temperatures. Ensure lens caps are on to protect the lenses.

## 7. TROUBLESHOOTING

- **Blurry Reticle:** Adjust the diopter ring until the reticle appears sharp.
- **Unclear Image at Different Distances:** Adjust the side wheel parallax to correct for parallax error.
- **Reticle Illumination Not Working:** Check or replace the batteries. Ensure they are inserted with correct polarity.
- **Loss of Zero:** Ensure all mounting screws for the rings are properly tightened. Re-zero the scope if necessary.

## 8. SPECIFICATIONS

Feature	Specification
Brand	UTG
Model Name	SCP-M312AOD
Color	Black
Material	Aluminum
Magnification Range	3-12x

Objective Lens Diameter	32 Millimeters
Tube Size	1 inch
Reticle Type	Mil-dot
Mounting Type	Dovetail Mount
Item Weight	12.64 ounces
Special Features	Shockproof, Fogproof, Rainproof, Nitrogen Filled, Emerald Lens Coatings, 36-Color Illumination

## 9. WARRANTY AND SUPPORT

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For detailed warranty information and support, please refer to the manufacturer's official website or contact UTG customer service directly. The product is covered by the manufacturer's warranty.