



# blackhound

Evolve 3-18x50 MOA

\*DISCLAIMER: Before mounting ensure firearm is unloaded and safe.

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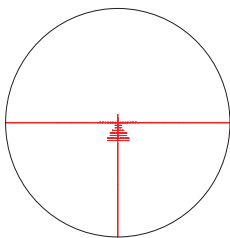
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## What is in the Box?

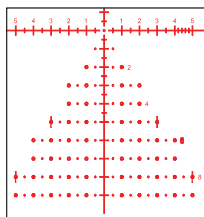
Every Blackhound scope comes with a full mounting kit. Included with the purchase of an Evolve 3-18x50 MOA:

- 34mm Rings
- Blackhound Lens Caps
- Blackhound ARD Sunshade
- Blackhound Lens Cloth
- Mounting Bubble Levels
- Allen Wrenches (3)
- Battery Opening Tool

## Reticle



3x  
Magnification



18x  
Magnification

## Specification

Model	3-18x50
Focal Plane	First Focal
Length	14.25 in
Weight	2.2 lbs
Tube Diameter	34mm
Eye Relief	3.54 inch
Parallax	15 yds - $\infty$
Battery Type	CR2032 Lithium
Turret Style	Exposed
Field of View	6.52 - 3.1 ft
Zero Reset	Yes
Elevation Adjustment	110 MOA
Windage Adjustment	80 MOA
Travel per Rotation	25 MOA
Click Value	0.25 MOA

# Scope Measurements



Evolve 3-18x50 MOA 5

# Controls



## Mounting the Scope

Properly mounting the scope will provide the best performance of the product. Blackhound recommends using a qualified gunsmith for proper mounting. The instructions below will briefly explain the mounting process:

1. Using the 3mm allen wrench (included) remove the top part of the rings and loosen the bottom screws.
2. Slide the bottom portion of the ring onto the picatinny rail of your unloaded firearm. Tighten the scope ring to the base with the torque of 45-55 inch pounds.
3. Place the scope on the bottom rings and place the upper rings halves on top of the scope.
4. Prior to tightening screws, make sure maximize eye relief to avoid injury. Adjust the magnification to highest setting. While in shooting position, move scope forward or back until scope is showing full picture.
5. Without moving the scope forward or back and making sure the firearm is level, rotate the scope until reticle is level using the provided bubble levels.
6. Once the eye relief is set and the reticle is level, tighten the ring screws down, do not over tighten ring screws. Torque specs for top rings: 18-20 inches per pound.

\*\* If using another manufacturer mounting kit, follow their torque spec suggestions.\*\*

## Elevation Adjustment

1. Remove turret cap, on top of the scope.

2. Rotate counter clockwise to raise your point of impact.

3. Rotate clockwise to lower your point of impact.



4. Each click is 0.25 MOA.

5. Hex head screw may be removed and turret repositioned to reset zero.

## Windage Adjustment



1. Remove the turret cap on right side of the scope.

2. Rotate counterclockwise to move your point of impact to the right.

3. Rotate clockwise to move your point of impact to the left.

4. Each click is 0.25 MOA.

5. Hex head screw may be removed and turret repositioned to reset zero.



## Fast Focus Eyepiece

1. Set magnification to its highest power, and the parallax knob to infinity.

2. Turn the fast focus eyepiece all the way to the right.

3. Look through the optic at a blank white wall or similar.

4. If the reticle does not appear in sharp focus, rotate the fast focus eyepiece to the left. Move your eye away and look again. Repeat this until the reticle is clear and in focus.



## Magnification

1. Adjust magnification, by rotating the ring left or right.

2. The etched numbers correspond to the scope's magnification. Simply rotate to the needed magnification.



## Establishing Zero

Blackhound recommends using a laser bore-sighter to assist in establishing the initial zero.

1. Adjust magnification to the full level, 18x.
2. Aim your rifle at a target set at 25 yards. Adjust the rifle's support position to aim the bore laser at the center of the target.
3. Adjust the elevation and windage controls to match the center of the scope's reticle with the target and bore laser.
4. Remove the bore laser and replace any components previously removed, conduct a complete dry-fire functions check.
5. Prepare for a live fire by ensuring the bore is free of any obstructions and eye and ear protection is being used.
6. Fire three rounds at target. Measure the distance from the group's center to the target's center.
7. Adjust the elevation and windage accordingly to reach a true zero.

**\*\*Grouped shots at 25yds should match impact results at 100 yds with most common ammunition\*\***



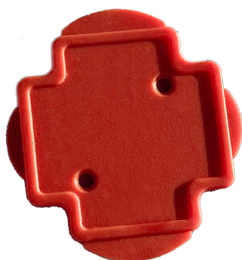
### Parallax

Adjusting the parallax will allow users to fine tune your scope to perfect focus, to keep the reticle from moving as user shifts their head.

1. Rotate the parallax knob to indicate the approximate distance of the target.
2. While looking through the scope, rotate the knob clockwise or counterclockwise until sight picture is as sharp as possible.
3. To confirm parallax move head back and forth while looking through the scope. If properly set, there should be no apparent shift of the reticle on the target.

## Battery Installation

This scope is equipped to run off a CR2032 lithium battery. Do to shipping regulations, batteries are not often included with



1. Locate the battery cover on the top of the parallax/illumination knob.
2. Using the battery cap tool (red piece) rotate the battery cover counterclockwise to open the battery compartment.
3. Replace the battery, return the cap and turn the cover clockwise.

## Illumination

This scope is equipped with an illumination reticle option, with increasing levels up to 6 intensity.

1. Adjust the intensity by rotating the control (on the side of the parallax) clockwise to increase intensity or counterclockwise to reduce intensity.
2. The solid white dot indicates the illumination is off.

Blackhound Evolve 3-18x50 MOA scope is shockproof and waterproof. Never try to take it apart or clean the internally parts of the scope. If the scope ever does need repair or adjustment, it should be returned to Blackhound for warranty repair or replacement.

The scope will perform it's best if occasionally wiped clean with either the Blackhound Lens Cloth (included) or Cleaning Tool. Acceptable alternatives to these accessories include lens cloths or optical lens papers designed for eyeglasses and cameras. Keep the protective lens covers in place when the scope is not in use.

Maintain the metal surfaces of your scope by removing any dirt or sand with a soft brush to avoid scratching the finish. Wipe the scope with a damp cloth, followed by a dry cloth. Finally, wipe with a silicone-treated cloth to restore luster, and to protect the scope against corrosion. Be careful not to touch the lenses with the silicone cloth.

## Safety of a Scope

Blackhound encourages all rules of gun and range safety when using our products. Below are the basic safety rules we follow:

1. Treat every gun as if it is loaded.
2. Never point a gun at anything you do not intended to shoot.
3. Keep your finger straight and off the trigger, until you intend to fire the weapon.
4. Be absolutely sure of your target, and what is beyond the target before you shoot.
5. Never look at the sun through a scope. Looking a the sun through a scope may result in permanent eye damage, even blindness.



## Our Promise

Our loyalty to you is important, which is why we back all Blackhound Optics with a lifetime warranty that is simple to use. If your scope breaks or does not perform, we will make it right. Simply send us the optic, we will assess if it is repairable, and if not, we will replace it with a new one. It is that easy. Life is complicated, optics should not be, and neither should using a warranty. Visit [blackhoundoptics.com](http://blackhoundoptics.com) for more information.

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Blackhound Optics