



The Choice of NRA Champions



Owner's Manual

Welcome to the Ultradot Family!

We appreciate that you have chosen an Ultradot and have trusted us to provide you with the best quality red dot sight for over 30 years. We pride ourselves in being a leader in the industry that stands behind our tried and true products. Please be sure to read the manual in its entirety prior to mounting your new Ultradot. Ultradot products that have been mounted are not returnable for refunds. Please keep your original proof of purchase. If warranty services to the sight are needed, you are required show that you are the original purchaser. If you should have any questions regarding the content of the manual, please feel to reach out to us via phone or email provided.

Mounting your Ultradot

Your Ultradot is delivered with 25mm and or 30mm aluminum medium height mounting rings (depending on the model purchased). These fit standard Weaver or Picatinny style rails/bases. Included you will also find an Allen wrench which fits the two Allen screws on each ring mount.

1. Make sure that the scope base/rail is specified by the manufacturer for your firearm and that it provides a uniform horizontal and vertical mounting platform. For your safety, let a knowledgeable gunsmith inspect your weapon and mounting base to ensure that everything is safely in order. Since there is no set eye relief for the Ultradot make sure that you have a minimum clearance of 3" between the sight and your eye.
 2. Attaching the rings as close to the center housing is suggested for optimal stability and to insure internal lenses are not damaged or cracked.
 3. Use the included Allen wrench to remove the cross bolt at the bottom of each ring mount, and to loosen the top Allen screw so that you can separate the two halves approximately 3/8".
 4. Slide one ring mount onto the base until it aligns with the crosscut groove. Insert the cross bolt through the ring mount base and crosscut groove. Loosely tighten so that it stays in place.
 5. Insert your new Ultradot into the ring and loosely tighten. The potentiometer knob should be located on the left side position on Ultradot Generation 1 25mm and 30mm sights as well as the Generation 2. The potentiometer knob should be located on the top position on the Ultradot 4, Matchdot, Matchdot II and Ultradot 6.
 6. Slide the second ring on the base and sight simultaneously. Insert the cross bolt through the ring mount base and crosscut groove and loosely tighten.
 7. Tighten all four Allen screws evenly for a snug fit. Add an additional ¼ turn to insure the sight is secure. **DO NOT OVERTIGHTEN.** Overtightening the rings could potentially cause damage to the internal lenses and aluminum tubes.
- B.** Test fire to confirm no slippage *has occurred*.

Battery Specification and Brightness Knob

Your Ultradot comes with a battery already placed in the battery compartment located within the brightness knob. If the dot is dim or if it doesn't light, you will need to replace the battery.

1. Hold the potentiometer knob firmly with one hand while you use a coin (quarter works best) to unscrew the lid of the battery compartment.
2. Remove the battery and replace it with a new 2032 battery. The plus side (+) of the battery should face the battery lid.
3. Replace the battery lid and tighten it firmly.
4. The potentiometer knob has twelve easily distinguishable click stops. 0 = off, 1 = dimmest setting, 11 = brightest setting
5. You can turn the knob clockwise or counterclockwise, i.e., go directly from "off" to the dimmest or the brightest setting. The battery will last between 200 to 4,000 hours, depending on which setting you are using. On bright days the polarizing filter will make it possible to use a much lower setting and consequently prolong the battery life.

Accessory Guide (Trim Ring, Extension Tube, Polarizing Filter, Rubber Eye Piece)

- 1. Trim Ring:**
When your sight arrives the trim ring (finishing edge) will be securely attached to the outer edge of the objective side tube. This can be removed by unthreading the approximate 1/8" ring to enable you to add the extension tube described below. The trim ring can be installed on the end of the extension tube to create a finished edge while using the accessory. If your sight is mounted and you wish to remove the trim ring, you may need to loosen the mounting rings to release the pressure from the tube. **DO NOT USE TOOLS TO REMOVE THE TRIM RING AS DAMAGE TO THE TRIM RING AND TUBES MAY OCCUR.**
- 2. Extension Tube:**
The extension tube can be used to protect the internal lenses and reduce sun glare. This can be attached by threading the accessory directly to the tube and/or trim ring. This accessory is not available for the Ultradot 6.
- 3. Polarizing Filter:**
The filter should be used while in direct sunlight to minimize any glare. This accessory will thread to the end of the objective side tube on all Ultradots excluding the Ultradot 6 which will attach to the ocular tube. The outer ridged edge of the filter will smoothly rotate to offer different gradients of darkness.
- 4. Rubber Eye Piece:**
This accessory will attach to the ocular tube and can be used to decrease glare to the ocular lens from behind.

Note: all accessories described above can be used independently, or in any combination desired as they all have the same thread pattern.

Windage/ Elevation Adjustment Directions

For your Ultradot Generation 1 (25mm or 30mm), Ultradot Gen2, Ultradot 4 and Ultradot Matchdot please follow the directions below. Additional user instructions for the Ultradot Matchdot II and Ultradot 6 with the external adjustable elevation turret knob will follow.

1. Activate the light and remove the elevation and windage caps.
2. With the firearm rested on a solid support, bore sight your firearm toward a small target at least 100 yards away.
3. Sight through your Ultradot and use the elevation and windage adjustment assemblies to move the red aiming dot to the same target.
4. To avoid injury, make sure that the sight is properly mounted before you start firing. Shoot test groups of 3 rounds each and adjust between each group. Use the same type of ammunition while zeroing your firearm.
5. To move the point of impact up, turn the elevation adjustment assembly in the direction of the "Up" arrow and vice versa. To move the point of impact to the left, turn the windage assembly in the direction of the "L" arrow and vice versa.
6. On all Ultradots, excluding the Ultradot 6, each mark on the elevation/ windage dial will move the point of impact 1" at 100 yards. The Ultradot 6 adjustments will move the point of impact 1/2" at 100 yards.
7. Once you have zeroed your sight, move to your desired distance and make further adjustments.
8. Replace the elevation and windage caps.

Directions for the Ultradot Matchdot II and Ultradot 6 external adjustable elevation turret knob:

1. Remove screw at top of turret assembly and slide indicator sleeve off assembly.
2. Adjust elevation settings as stated above on the now exposed assembly.
3. Once you are sighted in at your desired distance, replace the indication sleeve and top screw. Be sure to align the "0" on the indication sleeve with the white dot on the housing that is in front of the turret assembly. This will be your original zero distance setting. You can adjust your elevation, on the fly, by rotating the turret knob. You can return to your original setting by rotating the turret back to the "0" position with the white dot on center housing.
4. Each click represents 1" movement on the Matchdot II and a 1/2" on the Ultradot 6 at 100 yards.

Limited Lifetime Warranty:

Ultradot LLC warrants Ultradot electronic sights to be free from defects in materials and workmanship. (Please see the PDF: Warranty Information on the Support page for details.) Ultradot LLC, will repair or replace, as it deems most suitable, any product which is defective in material or workmanship during the warranty term of the original purchaser, provided the product is returned by the original purchaser with proof of purchase. All costs associated with the shipment of the product are the responsibility of the original purchaser. This warranty does not cover defects caused by improper handling, incorrect installation, abnormal use, alteration, accident or normal wear and tear. Ultradot LLC shall not be liable for consequential damages, including but not limited to commercial or other economic loss or lost profits, or incidental damages.

For warranty purposes please ship via United States Postal Service only to:

Ultradot Warranty Service
PO Box 372
Yankeetown, FL 34498

Include the following when returning product for warranty purposes: Proof of purchase, payment for return shipping, note stating the concerns, and your contact information.

All costs associated with the shipment of the product are the responsibility of the original purchaser. Please be sure to include payment of \$15.00 per sight for return postage and handling. Personal check or money order payable to Ultradot, LLC is acceptable.

You may register your purchase on our website at www.ultradotusa.com