



Ultradot Pan AV 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 to show that you are the original purchaser. If you should have any questions regarding the content of the manual, please feel free to reach out to us via phone or email provided.

Features:

The Ultradot Pan AV is a durable sight engineered to give you the advantage of a red dot sight in a compact and lightweight design. The achromatic reflex BK 7 optical glass lens produces a clear high-resolution image and boasts a 27-layer coating to eliminate double dots or split images. The 33mm lens and small frame also give you a larger than normal field of view with a built-in rail clamp system that makes installation and removal a quick and easy process.

Mounting your Ultradot:

The Ultradot L/T includes an integrated rail that fits a standard Weaver or Picatinny style base. Due to the unlimited eye relief, install the sight at least three inches of clearance between the end of the sight and your eye when shooting. Be sure to set the sight onto the rail so that the rail claw aligns with the crosscut grooves. This will help prevent slippage. Securely tighten the rail clamp bolts with the supplied hex wrench. Do not overtighten as potential damage may be caused to the rail bracket and or bolts. If replacement bolts are needed, you may purchase a new bolt set by contacting Ultradot LLC direct.

Battery Specification and Brightness Adjustment:

Your Ultradot is supplied with a battery already placed in the battery compartment located within the brightness knob. The battery is a 3-volt Lithium battery (CR2032). If the dot is dim or if it does not illuminate, 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 firmly.
4. The potentiometer knob has seven easily distinguishable click stops. 0=off, 1=dimmiest setting, 7=brightest setting.
5. You can turn the knob clockwise or counterclockwise, i.e., go directly from the "off" to the dimmiest or the brightest setting. The battery will last between 200 to 4,000 hours, depending on which setting you are using.

Windage/Elevation Adjustment Directions:

1. With the sight securely mounted, test the gun on a solid support and aim at a target 50 to 100 yards (or meters) away. Test shots should be done in the same conditions to achieve maximum accuracy of adjustment. It is recommended to use a firm rest for firing and the same type of cartridge. Be sure to loosen the locking screw before any adjustment is made to either windage or elevation. The locking screw is located on the right side of the sight body closest to the reticle selector knob. (See picture on reverse page)
2. For adjustment of elevation or windage, insert the supplied (12.5mm) hex wrench into the appropriate adjustment opening labeled "Up" or elevation and "R" for windage
3. Each click adjustment will result in an increment change of 1 moa at 100 yards.
4. Turning the adjustment screw clockwise will result in a downward or leftward shift of the aiming dot.
5. After you have finished zeroing your sight, tighten the locking screw to lock it into place.
6. Do not over tighten this screw as internal damage may result.

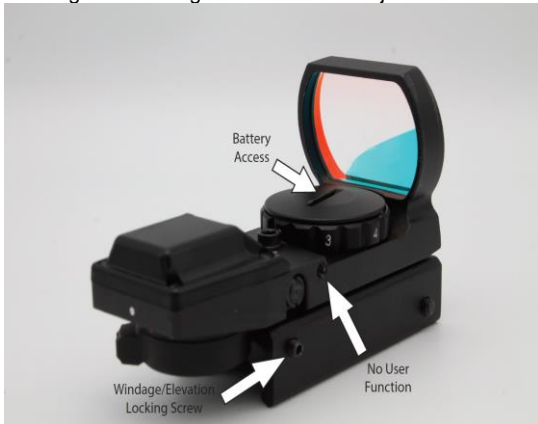
You may register your purchase on our website at www.ultradotusa.com

Technical Specifications:

Model: Ultradot Pan AV
Finish: Black Matte only
Body Material: Aluminum
Dot size: 4 MOA, 3 reticle patterns
Magnification: 1X
Battery: CR2032
Brightness level: 7 positions
Parallax Free: 50m
Length: 82mm
Width: 28mm
Weight: 112g
W/E adjustment: 1 MOA per click adjustment
Optics: Anti-reflective glass lens 33mm diagonal lens



Mounting Bolt/Windage and Elevation Adjustment Locations



Battery Compartment/Locking screw Location



Reticle Selector Knob

To Contact the Warranty Department direct:
(916) 293-9856 PST 9am to 5pm Monday - Friday
Ultradotservice@gmail.com

Limited Lifetime Warranty:

Ultradot LLC warrants our electronic sights to be free from defects in materials and workmanship. Ultradot LLC will promptly repair or replace, as it deems most suitable, any product which is defective in material or workmanship without charge during the warranty term of the original purchaser, provided the product is returned by the original purchaser with a copy of original proof of purchase to the address below. This warranty does not cover defects/damage caused by improper handling, installation or maintenance or abnormal use, alteration, or accident, nor normal wear and tear. For a full explanation of the limited lifetime warranty please see our website at www.ultradotusa.com.

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. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. All implied warranties, if any arising under state law are limited in duration to the duration of this written warranty. Except for such implied warranties, there are no other warranties which extend beyond this written warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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.

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