TS-12X

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Scope Overview

Setting Reticle Focus

The focus ring is used to focus the reticle. Focus prescription ranges from +2 to -2. Do not use the focus ring to adjust the sight picture or to adjust for parallax.

1. Set the scope magnification to the highest power.
2. Rotate the focus ring counter clockwise until it stops. Do not over rotate past resistance.
3. With both eyes open, point the scope toward a white wall or a clear blue sky. Be sure that there are no objects in the sight picture.
4. Rotate the eyepiece clockwise until the reticle image is sharp and in focus.
5. When the reticle is in focus, close your eyes for 3 seconds, then reopen them. The reticle should still be clear and sharp. If not, then repeat step 1 through 4 until desired reticle clarity is achieved.
6. Set the magnification to the lowest power to confirm that the desired image clarity of the reticle is achieved.

Elevation and Windage Adjustments

The TS-12X features 1/10 MIL or 1/4 MOA clicks on both the elevation and windage knobs. The click value specific to your optic is engraved on the knob. The elevation and windage knobs feature a directional arrow which indicates the direction your impact is moving when the knob is adjusted.

Elevation:
To adjust your point of impact UP, turn the elevation knob counterclockwise. To adjust your point of impact DOWN, turn the elevation knob clockwise.

Windage:
To adjust your point of impact RIGHT, turn the windage knob counterclockwise. To adjust your point of impact LEFT, turn the windage knob clockwise.

Initial Setup / Zero

1. The first step is to physically mount the scope to your rifle. For this, we suggest following the manufacturer's published directions that came with the mount or standard rings that you're choosing to use. The ring size should be 30mm.

2. Next, boresight the optic to your rifle by using a laser boresighter or a magnetic boresighter. This step will make it easier to zero your rifle once you get to the range.

3. Once your optic is boresighted, get out to the range and zero your new optic to your rifle.

4. For most calibers and shooting styles, we suggest a 100 yard zero. You will need to adjust both your elevation and windage knobs, either up or down - and left or right, until your optic's point of aim matches your rifle's point of impact. Each click on both the elevation and windage zeroing knobs are 1/10 MIL or 1/4 MOA. The click value specific to your optic is engraved on the knob.

5. Once you've succesfully zeroed your optic to your rifle, follow the steps on the next page to zero your knobs.

Zeroing the Elevation Knob

1. After locking the knob by pushing it down towards the body, use a flathead screw driver to remove the center screw by turning counter-clockwise.

2. Completely lift the knob off and float it to read zero. When "0" is aligned, push down on the knob to place it in the locked postion. Ensure that the knob is in fact free floating, by listening for audible clicks. You should NOT hear audible clicks while floating your knob.

3. Once you've verified that your knob aligns to read "0" and is locked in place, re-insert the center screw and retighten it by turning the flathead screw driver clockwise.

Zeroing the Windage Knob

4. After locking the knob by pushing it in towards the body, use a flathead screw driver to remove the center screw by turning counter-clockwise.

5. Completely lift the knob off and float it to read zero. When "0" is aligned, push down on the knob to place it in the locked postion. Ensure that the knob is in fact free floating, by listening for audible clicks. You should NOT hear audible clicks while floating your knob.

6. Once you've verified that your knob aligns to read "0" and is locked in place, re-insert the center screw and retighten it by turning the flathead screw driver clockwise.

Parallax Adjustment

The TS-12X parallax knob is located on the left side of your optic (as shown below). This dial is used to properly adjust image focus (after your focus ring has been set). Properly adjusting this knob will ensure that your image is in focus and free of parallax effect.

Using the Parallax Knob

1. Ensure that you have properly set your focus ring to your eye prescription by following the steps on page 3.

2. While on target, turn the parallax dial until the image is as sharp as possible. NOTE: Use the yardage numbers on the dial as a reference.

3. To ensure that you have properly adjusted your parallax knob, move your head from side to side while looking through your optic. If the target and reticle stay in place, then you have properly set your knob.

4. If you see a shift in reticle positioning, readjust your knob in small increments.

Maintenance

In order to keep your TS-12X clean after use, we recommend using a microfiber suede cloth and/or a Lens Pen to clean off any debris from your lenses.

1. Use canned air or your breath to blow off any dust or debris that may be on your lenses.

2. Gently wipe the lens with the corner of a microfiber cloth and/or a Lens Pen.

If necessary, use a small amount of water to remove any excess grime.

Warranty

Every USO product is engineered to standards we developed over our 28-year history, then hand assembled by our technicians before undergoing rigorous testing of features during our quality assurance process. If any USO product proves to be deficient in function, quality, workmanship, or material, U.S. Optics will repair or replace the product, regardless of transfer of ownership, for life.

Please reach out to us to aquire a Return Authorization Number (RMA).

Return Address:

U.S. Optics
100 Beiersdorf Drive,
Connelly Springs, NC 28612

info@usoptics.com

*NOTE: DO NOT SEND IN YOUR OPTIC FOR REPAIR WITHOUT A RETURN AUTHORIZATION NUMBER.

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U.S. Optics
100 Beiersdorf Drive,
Connelly Springs, NC 28612

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