

Cherno 1x22 MRT



Designed by Red Win Optics
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Cherno 1x22 MRT

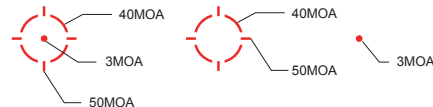
HOW TO USE Cherno 1x22 MRT

1. **Battery** Remove the battery compartment cover. Install one CR2032 battery so the "+" lettering faces outward and replace the cover. When replacing the cover, be sure it is fully screwed down.
2. **Powering Up** to turn the Cherno on, press the rubber button "+" for one second. When you turn on the Cherno, the red dot is shake awake and 2 mins auto shut off. To turn off, press and hold the rubber button "-" for three second. Or it is 4hrs Auto Turn Off.
3. The mutual conversion of solar power supply and battery power supply. When the solar power reaches 2.6V, The Cherno will switch to solar power supply automatically, and it will switch to battery power supply when it is lower than 2.6V.
4. **Brightness Adjustment** The Cherno sight offers ten variable illumination settings 8 daylight level and 2 night vision level. Adjust the dot brightness by using the rubber button.
5. **Changing the Reticle** press and hold "+" three seconds.
6. **Windage and Elevation Adjustment** The Cherno incorporates elevation and windage dials with audible clicks. Each small click will move the point-of-impact one Minute of Angle. 1 MOA will closely correspond to one inch at 100 yards, 1/2 inch at 50 yards, 1/4 inch at 25 yards, etc.
EXAMPLE: At a 50 yard sight-in distance, it will take twelve clicks of the dial to move the bullet's point-of-impact six inches.
7. **Making Elevation and Windage Adjustments** using the attached wrench turn the adjustment dial. Move the dials in the direction you wish the bullet's point-of-im-

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pact to change. Turning the elevation turret counter-clockwise will raise the elevation. Turning the windage turret clockwise will move the point of impact to the left.

Reticle Substentions



MOUNTING Cherno 1x22 MRT

- To get the best results from your Cherno, proper mounting is essential and, although not difficult, the correct steps must be followed. Your firearm will need to be equipped with a Picatinny or Weaver style rail/base. If needed, these may be purchased at most firearms dealers.
- Attach the unit to the rail/base with the illumination control button positioned on the left side.
 - Make sure the mount is solidly seated in the base groove. In order to prevent recoil injury, position the Red Dot so you have at least four inches of eye relief.
 - Be sure the base clamp is hooked around the outside of the rail/base.
 - Press the Cherno downward and forward toward the muzzle. Then, firmly tighten the base clamp bolt using the hex wrench.

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NOTE: It is a good practice to regularly re-check all mounting screws to be sure they haven't loosened under field conditions.

SIGHTING IN

Bore Sighting

After mounting, an initial bore sighting of the Cherno at short range (25–50 yards) will save time and money at the range. This can be done using a bore sighter according to the manufacturer's instructions, or by removing the bolt on some rifles to visually sight through the barrel.

To visually bore sight a rifle:

1. Place the rifle solidly on a rest and remove the bolt.
 2. Sight through the bore and center the target inside the barrel.
 3. With the bulls eye centered in the bore, make windage and elevation adjustments until the illuminated dot is also centered over the bulls eye.
- #### Final Range Sight-In
- Final sight-in should be done at the range using the exact ammunition you expect to hunt or shoot with:
1. After bore sighting the Cherno, fire a shot or two at your desired zero distance to check that you're roughly on target. If necessary, adjust the dot to put you near the center of the target.
 2. Fire a three-shot group as precisely as possible.
 3. Using the center of this group as a reference, make any necessary adjustments for windage and elevation correction. Using arrows for reference, adjust dials in the direction you wish the group to move.
 4. Fire a final three-shot group to confirm proper adjustment. Repeat as necessary.

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SHOOTING WITH Cherno 1x22

The key thing to remember when shooting with the Cherno is to keep both of your eyes open! Shooting with both eyes open allows you to take full advantage of your peripheral vision to get on target very quickly. Eye placement is not critical. As long as you can see the dot, you'll hit your target!

NOTE: If using an optional magnifier for distance shooting, you may find it easier to shoot with one eye closed due to the increased magnification.

TROUBLE SHOOTING

Please check the following before returning the Cherno for service.

If the red dot does not illuminate:

- Is the battery dead? Replace.
 - Is the battery installed correctly? Be sure the battery is oriented with "+" lettering facing the cover.
 - Is the battery cover loose? Be sure cover is snug and contact points are clean.
- If bullets are not grouping:

- Be sure all mount screws are tight. You should not be able to twist or move the Cherno in any direction. Many times, problems thought to be with the scope are actually mount problems.

CLEANING

Your Cherno will require very little routine maintenance other than periodically cleaning the exterior lenses. If desired, the exterior lens may be cleaned by wiping with a soft, dry cloth.

- Be sure to blow away any dust or grit on the lens prior to wiping the surface.

- Using your breath, or a very small amount of water or pure alcohol, can help remove stubborn things like dried water spots.

STORAGE

Use the included lens cover to protect the lenses when not in use.

- Remove the battery before putting in storage for extended periods.
- Avoid storage in direct sunlight or in any very hot location.
- Storage and use in extreme cold will shorten battery life.

RED WIN SHIELD

- 5 Years VIP Warranty
- One time FREE Accidental Damage repair service , includes accidental Water Damage and Drop Damage.
- Free Two-Way Shipping

Red Win deliveries the best model for your money with 100% quality assurance. Red Win promised

1. Within 5 Years of receiving the purchased product, if there is quality problem, it will be replaced or repair for free .
2. Warranty included product problem caused by force majeure (such as fire, flood, earthquake, lightning strike, etc .)
3. Products purchased through offline stores can be exchanged directly at the sales store .

SUPPORT

Thank you for purchasing Red Win products.

Should you have any queries please feel free to contact us at info@redwinoptics.com or visit www.redwinoptics.com to get more support.



RWD15



RW2022D15
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