

40×28 mm Red Dot Reflex Sight User Manual



Read Carefully Before Use
Keep for Future Reference

Disclaimer

Read this disclaimer carefully **BEFORE** use.

1. **As-is**

This product(s) is sold 'as is' and without any express or implied warranties, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

2. **Product Modifications**

Any modifications or alterations to Pinty products void any warranties and may result in damage or injury. Pinty shall not be liable for any damages resulting from such modifications or alterations.

3. **Compliance with Laws**

Customers shall be liable for ensuring that the use of Pinty products complies with all applicable laws and regulations in their respective jurisdictions. Pinty assumes no responsibility for any violations of laws or regulations resulting from the use of its products.

4. **Correct Use**

Always use the product(s) only as directed in the accompanying manual. Failure to follow instructions may result in injury or damage.

Always ensure the operation, installment, maintenance, and repair of the product(s) is carried out by a competent person.

Always make maintenance regularly throughout the product lifecycle, you have the liability to keep the product operating as intended.

Always wear appropriate protective gear.

5. **Third-Party Products**

Pinty shall not be liable for any damages or losses resulting from the use of third-party products in conjunction with our products. Customers should refer to the third-party's guidelines or/and warranties (if any) for any third-party products used.

6. **Limitation of Liability**

Pinty shall not be liable for any direct, indirect, punitive, incidental, special, or consequential damages to property or life, whatsoever arising out of or connected with the use or misuse of our product(s). In no event shall Pinty's liability exceed the value of the product(s) sold.

This disclaimer states the entire obligation of Pinty with respect to the products. If any part of this disclaimer is determined to be void, invalid, unenforceable, or illegal, including, but not limited to the warranty disclaimers, liability disclaimers, and liability limitations set forth above, then the invalid or unenforceable provision will be deemed superseded by a valid, enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full force and effect.

Safety Information

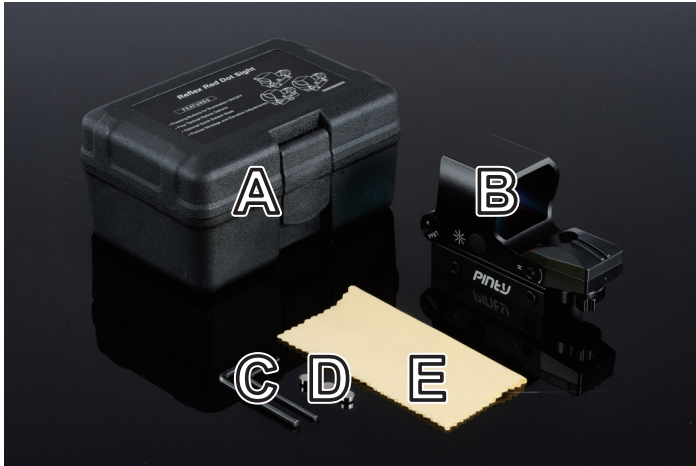
Warning!

- **ONLY** use this device in compliance with all local and national laws and regulations concerning the use of your weapon.
- **NEVER** direct your weapon—even an unloaded weapon—towards anything you are unwilling to kill or destroy.
- **ALWAYS** make sure your weapon is completely unloaded before installing or removing this device. For firearms, remember to check the chamber.
- This device is waterproof against standard precipitation. **DO NOT** direct pressurized water against it. If any inner components accidentally become wet, remove the battery and allow time for them to dry before further use.
- Do not use this product if any part is missing, loose, worn, damaged, or shows signs of malfunction. Tighten, repair, or replace any such problematic component before further use.

Specifications

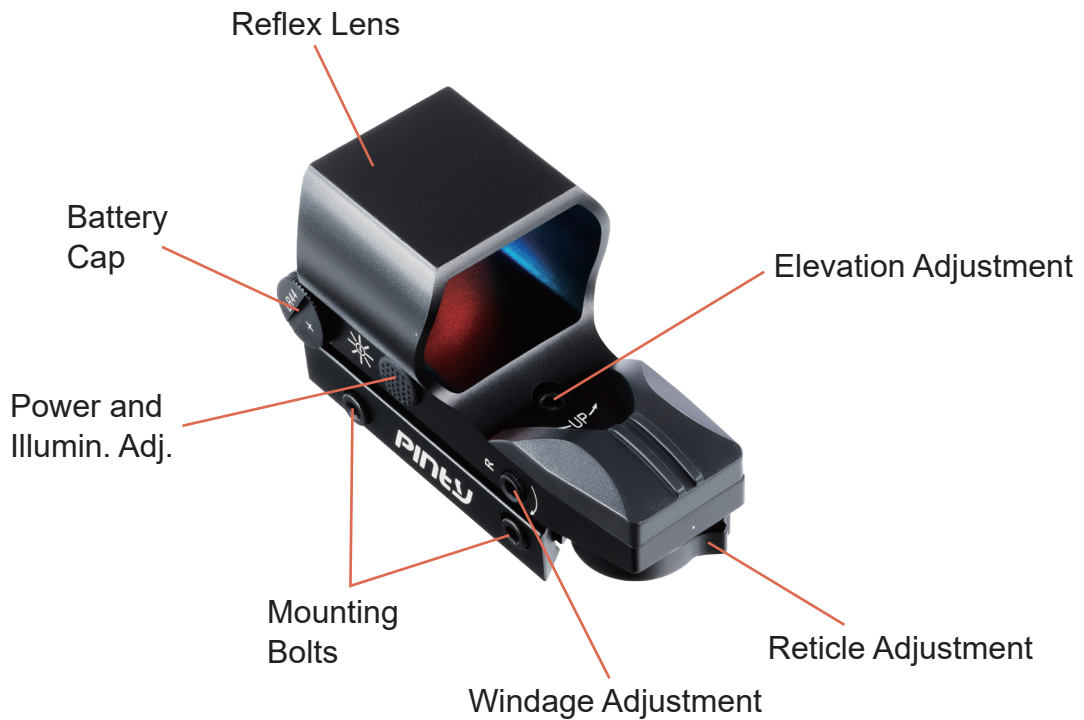
Name		40×28 mm Red Dot Reflex Sight	
Material		6061 Aluminum Alloy	
Fitment		20 mm Picatinny & Weaver Rails	
Reflex Lens	Size	1.6×1.1 in.	40×28 mm
	Magnification	1×	
	Field of View	51.6 ft. @ 100 yd.	17.2 m @ 100 m
	Eye Relief	∞	
Illuminated Reticle	Type	2 MOA Dot, Bullseye, Cross, Star	
	Adj. per Click	1 MOA	
	Adj. Range	±15 MOA	
	Color	Red	
	Illumination Levels	8	
	Battery Type	3 × AG13 or LR44	
Overall Dimensions		3.6×1.6×2.4 in.	9.2×4.1×6.1 cm
Net Weight		5.1 oz.	144 g

Package List



No.	Name	Qty.
A	Storage Case	1
B	40×28mm Reflex Sight	1
C	Hex Wrenches	2
D	AG13 Batteries	3
E	Lens Cloth	1

Product Diagram



Installation

1. Unscrew the battery cap. Insert the three AG13 batteries + side facing out. Replace the cap and retighten.
2. Press the power and illumination adjustment button to test that the reticle becomes visible in the reflex lens. Press it again and test that the intensity changes.
3. Test that the adjustment knob toggles between four styles of reticle. Leave the knob set on your favorite and press or hold the illumination adjustment button again until the reticle turns off.
4. Loosen the mounting bolts using the hex wrench set. Position the sight on the top rail of your weapon or onto another optic so that the lens points towards the muzzle and the reticle adjustment knob points towards the stock. Retighten the bolts to hold it in place.

Adjustment

1. Press the power button to activate the reticle.



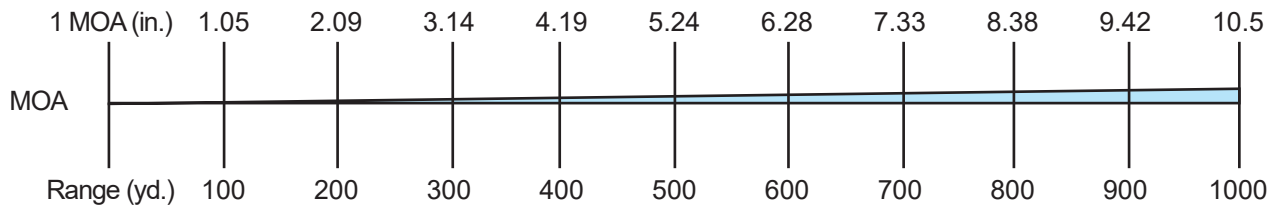
Using the lowest illumination suitable for your environment will extend your battery life and minimize your eye's adjustment looking back and forth from your sight.

2. Go to your range or another safe and legal location for shooting practice. Place a target at the primary distance you want to use for your sight. 20 or 25 yards across level ground is standard for handguns and crossbows. 100 yards is standard for rifles and other long guns, although reflex sights are primarily for short and medium-range use and parallax will become a concern at distances beyond 50 yards. Stabilize your weapon as completely as possible, aim directly at the center of the target, and fire. If the point of impact (POI) is on the paper, fire an additional 2–4 shots. If this cluster varies appreciably from your point of aim (POA), adjust your sight's windage and elevation using their average divergence.

If your first shot strikes completely off the paper, you might try using a closer target to correct the largest problems. For bolt-action rifles, you can do this without wasting ammunition by removing the bolt and adjusting the position of the weapon in a firm vise to center the view down the barrel on a target at 25 yards. Adjust the sight's windage and elevation to center the reticle on the target in the new position. Then turn the elevation adjustment one click clockwise to lower the POA one inch to adjust for the closer distance. Replace the bolt and return to your target at 100 yards.

On windy days or in locations where shooting ranges are unavailable or cost prohibitive, a laser boresighter (not incl.) can be used instead. Follow its separate instructions, aligning the sight's POA with the laser dot. Bear in mind, however, that this can only provide rough and inexact alignment at long range, as the laser follows a straight path rather than the arc of an actual bullet.

- Adjust the sight's horizontal alignment using its windage adjustment bolt, located on its left side and marked with the letter "R". Use the hex wrench set to rotate the bolt towards you (counterclockwise) if the POI is too far to the right and the POA needs to be moved left. Turn it away from you (clockwise) if the POI is too far to the left and the POA needs to be moved right. Each click will be 1 minute of angle (MOA), measuring almost exactly one inch at a range of 100 yards (2.9 cm at 100 m).



- Adjust the sight's vertical alignment using its elevation adjustment bolt, located on its top side and marked "UP". Use the hex wrench set to rotate the bolt clockwise if the POI is too high and the POA needs to be moved down or counterclockwise if the POI is too low and the POA needs to be moved up. Again, each click will be 1 MOA.
- Fire additional sets of 3 or 5 shots, adjusting until your clusters hug the center of your target.

Troubleshooting

If your red dot is unclear and has double imaging, please troubleshoot as follows:

- Adjust the brightness level of the red dot to be **ONLY SLIGHTLY BRIGHTER** than the ambient brightness. For example, in overcast or dimly lit environments, reduce the brightness incrementally to determine the optimal setting. Excessive brightness may diminish the sharpness of the red dot.
- Adjust the distance between this product and the target. Maintain a distance of at least 2 meters. When using this product, focus your eyes on the target through the sight, then place the red dot on the target.
- Check if it is your eyesight that affects the view with your phone camera.

Use your phone camera to focus on the red dot in the sight and take a picture. If the red dot appears clear, it indicates that the red dot is functioning correctly; blurriness may be due to nearsightedness or astigmatism. Please wear corrective eyewear for viewing.

Maintenance

- Clean the lens as needed using the provided cloth or something similarly gentle. To remove oily buildup, use custom-purpose cleaning fluid. Never use alcohol, caustic chemicals, or harsh abrasives, which might damage the lens's protective coating.
- Check all parts of the sight for any looseness, wear, or damage between uses. Retighten, repair, or replace any problematic parts before further use.
- If the sight will not be used for a prolonged period of time, clean it and replace the cover before storing it in a cool dry place away from direct sunlight and inaccessible to children.

Contact Us

Thank you for choosing our products! If you have any questions or comments, contact us at contact@cshelppgroup.com and we'll resolve your issue ASAP!

For a .pdf copy of the latest version of these instructions, use the appropriate app on your smartphone to scan the QR code to the right.

