



IMPACT MINI REFLEX SIGHT

USER MANUAL



FF26021
FF26021K

The Firefield™ brand has products designed to maximize every intense moment. Originally designed for consumers who need products to hold up to heart pounding, fast- paced combat in the field with Xtreme shooting sports, Firefield™ has crossed over to service customers with hunting and tactical needs as well.

Firefield™ offers quality products with the outdoor enthusiast and shooting fanatic in mind that are affordable to the masses. Prepare for victory with the latest Firefield™ products!

The Firefield™ brand consists of riflescopes, laser sights, boresights, tactical flashlights, reflex sights, AK and Quad Rail mounts, binoculars and other shooting accessories. Firefield™ products are compatible with paintball, airsoft, AR15, shotguns and pistols.

Firefield™ concentrates on providing the consumer with products for fast-paced situations while being durable, yet affordable. Firefield™ works diligently creating products to serve the next generation of fast- paced gun enthusiasts. Transform fears into glory and excitement with Firefield™!

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IMPACT MINI REFLEX SIGHT

Built legion-strong and combat-ready, the Firefield Impact Mini Reflex Sight packs big red-dot performance into a small, ruggedly reliable optic complete with an illuminated 5-MOA red-dot reticle featuring 5 brightness settings. Perfect for ultra-fast target acquisition in close quarters, this mission-driven shockproof sight boasts advanced scratch-resistant, anti-reflective AR-red coated glass, infinite eye relief with 50-yd (46m) parallax setting and a crystal clear field of view. IP55 weatherproof protection and a 6061-T6 aircraft-grade aluminum housing keep your sight protected, even in harsh environments. The Firefield Impact Mini Reflex Sight mounts easily on a Weaver and picatinny rails and runs up to 40 hrs. on a CR1632 battery. This reflex sight kit includes low profile and co-witness mounts, a cover, CR1632 battery and adjustment tools.

SPECIFICATIONS

Magnification	1x
Objective lens diameter (mm)	16 x 21
Reticle type	5 MOA Dot
Reticle color	Red
Adjustment value	Continuous
Max elevation adjustment Range (MOA)	120
Max windage adjustment Range (MOA)	120
Parallax setting (yd/m)	50 / 46
Battery type	CR1632
Battery life	40 hrs (on high) 200 hrs (on low)
Dimensions (in/mm)	1.9 x 1.15 x 1 / 49 x 29 x 25
Weight (oz/g)	1 / 28

Features:

- Digital switch
- Lightweight
- 5 MOA dot spec
- Compact
- Compatible with

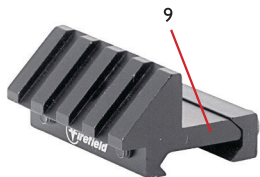
Smith & Wesson®, Core®,
Glock® MOS®

Included Accessories:

- Cover
- Tools
- Low profile weapon mount
- Battery
- Co-Witness weapon mount
- 45 Degree weapon mount (FF26021K)

DIAGRAM

1. Objective lens
2. On / off switch
3. Assembly set screws
4. Mounting bolt
5. Windage and elevation adjustments
6. Battery cap
7. Low profile mount
8. Co-Witness mount
9. 45 Degree mount (FF26021K Only)



MOUNTING

Prior to mounting it is best to decided which mount setup to use; the low profile mount or the cowitness riser mount. The low profile mount is best used on pistols and shotguns. It can also be mounted on the included 45 degree mount (FF26021K only) to be used as a secondary backup sight. The cowitness riser mount is best for use on AR and MSR rifles where the Firefield Impact Mini Reflex Sight is the primary optic. Install the correct mount by removing the assembly set screws (3) to remove the base from the reflex sight.

To mount:

1. Unload the weapon. Remove the bolt/firing pin to ensure the weapon is incapable of firing.
2. Install the reflex sight onto a Weaver or picatinny base. Tighten the mounting bolt (4) between 45 - 65 in/lbs (5.08 to 7.3 Nm) of torque.
4. Once the alignment is checked, tighten the mounting screw. Take care not to over tighten the screw.
5. Ensure the reflex sight provides the desired eye relief by moving the weapon into the shooting position.
6. Check that the red dot sight is evenly mounted, and boresight the sight.

BORESIGHTING AND SIGHTING IN

Boresighting and test firing should be performed safely on a firing range. Laser boresights are a quick and accurate method to sighting in red dot sight. Below is listed the traditional method of boresighting.

1. When mounting the reflex sight on a bolt action rifle, remove the bolt; or when mounting to a semi-automatic rifle, disassemble the rifle until there is a straight line of sight through the bore.
2. Use a target at least twenty yards/meters to fifty yards/meters away when sighting in the reflex sight. Look through the bore of the weapon and locate the bull's-eye of the target.
3. Sight in the target through the bore and then make windage and elevation adjustments (see “Operating Windage and Elevation Adjustments” for instructions) to the reflex sight until the reticle is centered on the bull's-eye.

To verify the reflex sight is accurately sighted in, always fire a three-shot test group at 100 yards/meters.

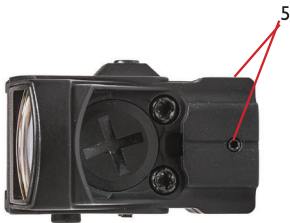
4. If you are still off center, make the necessary amount of adjustments to move the reticle to the center of the target.
5. Again fire a three-shot test group, and use the center of the group to determine final adjustments.

OPERATING WINDAGE AND ELEVATION ADJUSTMENTS

Included with the Firefield Impact Mini Reflex Sight is a flat head screw driver. This tool is necessary in adjusting the windage and elevation (5).

1. With the sight securely mounted, rest the gun on a solid support and aim at a target 50 to 100 yards/meters away. All test shots should be done under the same conditions to achieve maximum accuracy. This includes using the same rest and same cartridge type. Fire a test group to see where the gun is shooting.

2. Adjust the windage and elevation with the flat head screwdriver till the reticle is zeroed on the bullet's point of impact.



Note: The windage and elevation adjustments on the Impact Mini Reflex Sight have a continuous rotation, no clicks.

INSTALLING THE BATTERY

The Firefield Impact Mini Reflex Sight is powered by one CR1632 battery. Should the reticle grow dim or not illuminate, the battery needs to be replaced.

To install a new battery:

1. Unscrew the battery cap (6) on top of the unit.
2. Remove the battery.
3. Insert the a new battery with the positive (+) side facing up.
4. Screw the battery cap on clockwise until firmly secure and **use 1 N-m of torque**. Do not over tighten.

OPERATING THE ON/OFF SWITCH

In order to activate the Firefield Impact Mini Reflex Sight Locate the on/off switch (2) on side of the unit.

1. Push the switch to turn on the unit.
2. Consecutive presses of the switch will cycle the brightness settings.
3. To turn off the unit hold down the on/off switch for 3 seconds.



MAINTENANCE

Proper maintenance of the Firefield Impact Mini Reflex Sight is recommended to ensure longevity. It is recommended that when the riflescope becomes dirty that it is wiped down with a dry or slightly damp cloth. Blow dirt and debris off all optics and then clean lenses with a lens cleaning cloth. No further maintenance is required.

WARNING

Do NOT disassemble the reflex sight for any other reason not stated herein, as this will void the warranty and could be hazardous. Any internal work should be handled by the manufacturer.

TROUBLESHOOTING

Proper authorization is required before shipping any product back to Firefield. Failure to obtain authorization could result in your product being returned to the wrong address, lost, or damaged. Firefield is not liable for products returned without authorization.

If the sight does not hold zero:

1. Verify the sight is mounted securely to the rifle. If the sight can be shifted in any direction, re-tighten the mounting hex nut according to the mounting instructions but do not over tighten. The sight will need to be re-zeroed afterwards.
2. Be sure to use factory-loaded ammunition of the same bullet type, weight, and, preferably lot number when sighting in.

The reticle does not illuminate:

1. Check that the battery is in working order and that the polarity of the battery is correct.
2. Check that there is no residue, film, or corrosion on the battery contacts that may be preventing the reticle from illuminating.

The reticle is blurry and not in focus:

1. Decrease the brightness level of the reticle. The halo or fuzzy appearance is caused by excess illumination than is required for the current environment the sight is being used in.
2. Make sure the eyepiece lens is clean and does not have any film, fingerprints, or debris covering the surface. Blow off any debris or dirt covering the lens. Use a lens cloth or q-tip dipped in alcohol to remove any film or fingerprints.
3. If you are testing the product at a close range, 5 yards/meters or less, to verify it's on/off operation the eye will accommodate and focus either on the sight's reticle or the target you are observing not both. Test the product beyond 5 yards/meters and focus your eye on the target, then the reticle and target should be in focus.

The reticle illumination turns off while firing:

1. Tighten the battery cap with a coin or flathead screw driver so the cap is fully seated.

WARNING AND SAFETY INSTRUCTIONS

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Battery Type: CR1632
- Nominal Voltage: 3.0 Volt
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 140°F / 60°C or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery

compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Battery type: **CR1632**

Battery voltage: **3V**

FIREFIELD WARRANTY

Please visit www.firefield.com for warranty details and information.

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