



# RAPIDSTRIKE

1-6X24 RIFLESCOPE AND REFLEX SIGHT KIT

## USER MANUAL



FF13076K

# RAPIDSTRIKE

Firefield™ products are designed to provide unparalleled value in shooting technologies and enable young shooters to master their skills for tactical training situations, competitive shooting, hunting, and fast-paced combat in the field of Xtreme shooting sports.

Firefield™ offers quality products with the outdoor enthusiast and shooting fanatic in mind. Our lineup consists of riflescopes, laser sights, boresights, tactical flashlights, reflex sights, binoculars and other shooting accessories.

All Firefield™ products are compatible with airsoft, tactical rifles, shotguns and pistols, and are designed to maximize performance in every moment.

Transform your outdoor experience with Firefield™!

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Improve your close- to mid-range target acquisition speed with the Firefield RapidStrike 1-6x24 riflescope kit. The kit includes a Firefield Impact Mini Reflex Sight, a cantilever mount, a honeycomb lens filter, throw lever, and flip-up lens caps. The RapidStrike 1-6x24 riflescope features multi-coated, anti-reflective glass, a red and green illuminated circle-dot reticle with five brightness settings, 1-6x variable zoom and pop-up locking turrets to prevent accidental windage and elevation adjustments. The RapidStrike is constructed out of a durable single piece 30 mm 6061-T6 aluminum tube and is IP67 rated waterproof, dustproof and shockproof up to 3 ft / 1 m.

## Features:

- Cantilever mount, throw lever and honeycomb filter included
- Pop-up locking turrets
- Multi-coated, anti-reflective glass
- Red and green illuminated circle-dot reticle
- 5 brightness settings
- 1-6x optical zoom
- ½ MOA adjustments
- IP67 waterproof and dustproof
- 6061-T6 30 mm aluminum tube
- Firefield Impact Mini Reflex Sight

## Included Accessories:

- Impact Mini Reflex Sight
- Cantilever mount
- Honeycomb lens filter
- Throw lever
- Flip-up lens caps
- CR1632, CR2032 Battery

# SPECIFICATIONS

TECHNICAL SPECIFICATIONS	FF13076K	FF26021
Reticle type	Circle Dot	5 MOA Dot
Reticle color	Red, green, black	Red
Illuminated reticle (yes/no)	Yes	Yes
Reticle brightness settings	0-5	0-5
Magnification (x)	6	1x
Objective lens diameter (mm)	24	16 x 21
Eye Relief (in/mm)	4 / 101.2	∞
Field of view (ft@100yd)	102 - 18.2	-
Field of view (m@100m)	34 - 6.1	-
Diopter adjustment (+/-)	+2 to -2	-
Tube diameter (mm)	30	-
Parallax setting (yds/m)	100 / 91.4	50 / 46
Windage/elevation adjustment range	100 MOA / 100 MOA	120 MOA / 120 MOA
Adjustment value (one click =)	1/2 MOA	Continuous
Maximum recoil (G)	1000	800
Battery type	CR2032	CR1632
Battery life (hours)	100	40 hrs (on high)/200 hrs (on low)
Focal plane	Second	-
IP standard	IP67 waterproof/dustproof	IP55 waterproof/dustproof
Lens coatings	Fully multicoated	AR Red
Dimensions (in/mm)	9.8 x 2.4 x 1.9 / 251 x 61 x 47	1.9 x 1.3 x 1.42 / 49 x 33 x 36
Weight (oz/g)	14.5 / 411	1.9 / 54

# DIAGRAM

1. Objective lens
2. Eyepiece (diopter adjustment)
3. Magnification adjustment ring
4. Elevation adjustment
5. Windage adjustment
6. Illumination dial
7. Battery cap
8. Mount
9. Firefield Impact Mini
10. Lens caps



## INSTALLING THE BATTERY

The Firefield RapidStrike is powered by a CR2032 battery. Should the reticle illumination grow dim or not illuminate, the battery needs to be replaced. To install a new battery:

1. Unscrew the battery cap (7) on the illumination dial (6) counterclockwise with a coin or flathead screw driver.
2. Insert the new battery with the positive (+) side facing up
3. Screw the battery cap on clockwise until firmly secure and **use 1 N-m of torque**. Do not over tighten.



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## ILLUMINATION CONTROL

The Firefield RapidStrike riflescope uses an etched reticle. The reticle can be used without illumination and will appear black. To activate the reticle illumination in red:

1. Rotate the illumination dial (6) either clockwise or counterclockwise. The dial is marked with the brightness setting ranging from 0 (off) to 5.
2. Set the dial so the setting indicating desired brightness faces the shooter or the white indication mark on the housing.
3. To turn off, rotate the dial to the zero setting.



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## DIOPTER ADJUSTMENT

The Firefield RapidStrike riflescope eyepiece (2) is designed to rotate to adjust for diopter. Diopter is the measurement of the eye's curvature. By rotating the eyepiece, the diopter is adjusted to properly match each person's vision. If the reticle does not appear clear, crisp, nor sharp, rotate the eyepiece until the reticle becomes clear and sharp. This adjustment should stay the same unless the riflescope's operator changes.



## VARIABLE POWER ADJUSTMENT

To change magnification, turn the magnification ring (3) to the desired level of power.



## OPERATING THE WINDAGE AND ELEVATION ADJUSTMENTS

The Firefield RapidStrike riflescope has finger-adjustable elevation and windage adjustments (4, 5) with a locking, pop-up feature. These turrets must be pulled up to disengage the locking mechanism. Once disengaged, adjustments can be made. When adjustments are finished, the turret can be pushed back down to lock the adjustment. In order to make windage and elevation adjustments:

1. Turn the adjustments in the appropriate direction needed to change the bullet's point-of-impact as indicated by the "UP" and "R" (right) arrows marked on the adjustments.



## MOUNTING

The Firefield RapidStrike riflescope includes a 30 mm cantilever mount. Mount the scope rings per the manufacturer's instructions. Do not perform a final tightening of the rings until you have thoroughly checked eye relief and reticle alignment. The riflescope should still be able to move fore and aft and rotate.

To achieve maximum eye relief:

1. Set the riflescope to its highest magnification.
2. Set the riflescope as far forward in the rings as possible then slowly move the riflescope closer to your eye. Stop moving the riflescope once a full field of view is visible.
3. Next, rotate the riflescope to vertically align the crosshair. Use a reticle leveling tool if available.
4. Once alignment is complete, tighten the mounting ring's screws per the manufacturer's instructions. Do not over tighten.



## BORESIGHTING AND SIGHTING IN

Boresighting and test firing should be performed safely on a firing range. Laser boresights are a quick and accurate method for sighting in. The traditional method of boresighting is listed below.

1. When mounting the riflescope 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 riflescope. 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 riflescope until the reticle is centered on the bull's-eye.

To verify the riflescope is accurately sighted in, always fire a three-shot test group preferably using the same ammo manufacturer, grain, and lot number. 100 yards/meters is the most common zero distance. For long range shooting, a 200-yard/meter zero is generally preferred. Before firing, make sure the image is properly focused and no parallax is present.

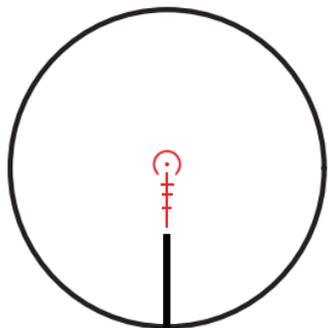
4. After firing a group, use the center of this grouping to make adjustments to the elevation and windage, these adjustments will move your firearm's grouping to the center of the target.
5. Fire another three-shot test group to confirm adjustments and use the center of the new grouping to determine any final adjustments.

Once the riflescope is zeroed, the turrets can be reset to the "0" mark on your elevation and windage dial and the zero stop ring can be set on the elevation turret. To do this:

1. Use a large coin or flathead screwdriver to loosen the cap screw on the turret. Remove the cap screw entirely, but be careful not to lose it and the rubber gasket.
2. Once the cap is removed, lift the turret cap straight up and off of the turret being careful not to make any clicks.
3. Re-install the elevation turret cap, so that the "0" mark is aligned with the line indicator on the riflescope. Re-tighten the cap screw. Do not over tighten.

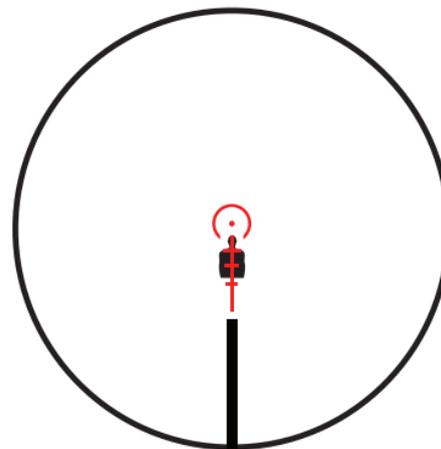
## USING THE CIRCLE DOT RETICLE

The Firefield RapidStrike 1-6x24 Riflescope is built for 3-gun competition and fast-paced shooting at close to medium ranges. It features a second focal plane MOA reticle calibrated for .223/5.56 55-grain FMJ ammo and is designed to be zeroed at 100 yards. At 6x magnification, the 1 MOA center dot can be used to accurately engage targets from point-blank range out to 200 yards. The reticle's circle-dot layout allows for fast target acquisition at low magnification—at 1x, the outer circle covers about 15 inches at 25 yards, roughly the shoulder width of a standard IPSC target. Below the center dot, the reticle includes holdover marks to estimate range and compensate for bullet drop out to 600 yards. The main horizontal line is marked in 5 MOA increments (visible at 6x) to assist with leading moving targets.



## RANGING AND ELEVATION HOLDOVERS WITH THE RETICLE

The reticle can be used to estimate range by comparing the width of an IPSC target to the horizontal holdover marks. For example, at 400 yards, a standard target will fit between specific marks on the reticle, as shown in the reference image. At 300 yards, the open base of the center circle can be used for ranging. Once the distance is known, the corresponding holdover point can be used to compensate for bullet drop. Range estimation and holdovers must be done at 6x magnification—for the 300-yard holdover, use the tip of the vertical subtension.



## MAINTENANCE

To keep your RapidStrike riflescope in good condition, clean it as needed. Wipe the body with a dry or slightly damp cloth. Use a lens brush or air to remove dust, then clean the lenses with a proper lens cloth. For stubborn smudges or dried water spots, apply a small amount of denatured alcohol to a cloth or cotton swab and gently wipe the lens surface. Let it dry completely. Do not disassemble any part of the scope—no other maintenance is needed.

## WARNING

Before handling the Firefield RapidStrike riflescope, read and understand the contents of your firearm's manual, and the Firefield manual. Follow all standard safety precautions and procedures during firearm operation, even when the riflescope is not in use.

- Avoid hitting or dropping the unit
- ALWAYS check that the chamber of your weapon is clear before mounting or dismounting the riflescope.
- The reticle illumination should be tested during periods of non-use to make sure it is still operating properly. Failure to follow standard firearm safety precautions and procedures, as well as the above warnings, is dangerous and may result in serious injury, damage to property, or death.

## 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 riflescope does not hold zero:**

1. Verify the sight is mounted securely to the rifle. If the riflescope can be shifted in any direction, retighten the mount according to the mounting instructions but do not over tighten. The sight will need to be re-zeroed afterwards.
2. Check that all screws on the mount are securely tightened.
3. When sighting in be sure to use factory-loaded ammunition of the same bullet type, weight, and preferably lot number.

### **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. Rotate the eyepiece to adjust the diopter adjustment until the reticle becomes clear and sharp.

**The reticle has a halo or is fuzzy:**

1. The halo or fuzzy appearance is caused by greater illumination than is required for the current environment the riflescope is being used in, decrease the brightness level of the reticle until clear.

**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.

## Firefield Impact Mini Reflex Sight

### 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



## 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.



## 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.*

## 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/CR2032
- Nominal Voltage: 3.0 Volt/ 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/CR2032** Battery voltage: **3V/3V**

### **FIREFIELD WARRANTY**

Please visit [www.firefield.eu](http://www.firefield.eu) for warranty details and information.



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