



RIVAL XL FOREGRIP FLASHLIGHT AND LASER COMBO USER MANUAL



FF35010K
(Red Laser)

FF35011K
(Green Laser)



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™!

www.firefield.eu

ABOUT

Firefield's newest Foregrip-and-Flashlight combination is the perfect addition to any M-LOK styled AR rail. The foregrip is compact, lightweight and features durable composite and metal construction with a matte-black finish. The Rival XL Foregrip Flashlight Red Laser / Green Laser combination is a valuable accessory for short-range shooters and hunters alike in any lighting conditions.

FEATURES

FF35010K

- Compact and lightweight
- Ergonomic switch activation
- 5mW red laser
- Windage and elevation adjustable
- Quick target acquisition
- 274m (300yd) visibility at night
- Up to 18m (20yd) visibility in daylight

FF35011K

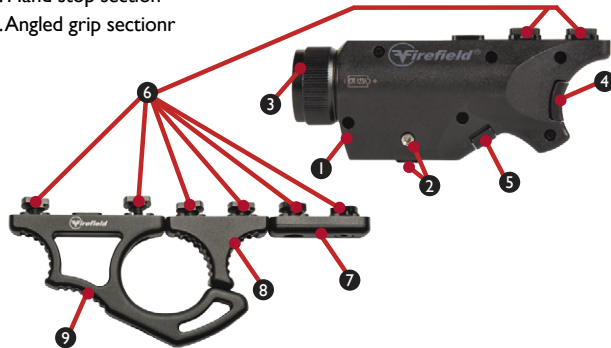
- Compact and lightweight
- Ergonomic switch activation
- 5mW green laser
- Windage and elevation adjustable
- Quick target acquisition
- 550m (600yd) visibility at night
- Up to 46m (50yd) visibility in daylight

TECHNICAL SPECIFICATIONS

Technical Specifications	FF35010K	FF35011K
Hand stop length (in/mm)	1.58 / 40	1.58 / 40
Hand stop width (in/mm)	0.50 / 12.7	0.50 / 12.7
Hand stop height (in/mm)	1.16 / 29.4	1.16 / 29.4
Spacer length (in/mm)	1.58 / 40	1.58 / 40
Spacer width (in/mm)	0.50 / 12.7	0.50 / 12.7
Spacer height (in/mm)	0.32 / 8.2	0.32 / 8.2
Angled grip length (in/mm)	3.64 / 92.5	3.64 / 92.5
Angled grip width (in/mm)	0.50 / 12.7	0.50 / 12.7
Angled grip height (in/mm)	2.0 / 50.8	2.0 / 50.8
Weight (g)	159	159
Laser wavelength (nm)	630 - 650	532
Laser Type	Red	Green
Laser Power (mW)	<5	< 5
Visibility-day (yd/m)	20 / 18	50 / 46
Visibility-night (yd/m)	300 / 274	600 / 550
Flashlight Type	LED	LED
Flashlight Brightness (Lumens)	Low - 75, High - 150	Low - 75, High - 150
Dimensions (mm)	202 x 38 x 96	202 x 38 x 96

DIAGRAM

1. Laser apertures
2. Elevation/Windage adjustments
3. Flashlight aperture/ battery cap
4. Power/ light brightness button
5. Laser/ light mode Select button
6. Mounting bolts/ nuts
7. Spacer section
8. Hand stop section
9. Angled grip section



INSTALLING THE BATTERY

The lasers and lights are powered by one CR123A battery. Should the laser or light grow dim or not activate, the battery needs to be replaced. To install a new battery:

1. Unscrew the battery cap (3) counterclockwise.
2. Remove the battery.
3. Insert a CR123A batteries positive (+) side first.
4. Turn clockwise to close. Do not over tighten.

ON OFF OPERATION

The light is controlled using the buttons (4) for the light.

1. Push the button down.
2. A click should be heard, and the light will activate.
3. Press again to cycle through high brightness, low brightness, and strobe mode for the light.
4. Hold the button down to shut off the unit.

The laser is controlled using the button (5)

1. Push the button down.
2. A click should be heard, and the laser will activate.
3. Hold the button down to shut off the unit.

TO MOUNT

1. Loosen the mount by rotating the bolt (6) counterclockwise.
2. Attach the mount to the bottom half of your firearm's M-LOK rail by aligning the M-LOK nut (6) in to one of the M-LOK slots.
3. Tighten the bolt clockwise. Determine if the foregrip position is comfortable and that the firearm feels balanced. If not, remove the foregrip, reposition and repeat steps 1 to 3.
4. Finally, use the hex key to tighten the mount bolt until it is securely attached to the firearm. Do not over tighten.



(Arrange into your preferred layout)

ZEROING THE LASER

Zeroing and test firing should be performed safely on a firing range. Laser boresights are a quick and accurate method to sighting in all weapon sights. If the firearm's optical sight is already zeroed, the laser can be zeroed by aligning the laser dot to the crosshair's center. Adjustments to the laser dot are made by operating the windage and elevation adjustments.

OPERATING WINDAGE AND ELEVATION ADJUSTMENTS

In order to make windage and elevation adjustments:

1. Locate the windage and elevation adjustments (2).
2. Rotate the windage and elevation adjustments to move the alignment of the laser dot using the provided hex key.

MAINTENANCE

Proper maintenance of the Firefield lasers and lights is recommended to ensure longevity. It is recommended to remove the battery to ensure the laser will not activate during maintenance procedures. When the sight becomes dirty it should be wiped down with a dry or slightly damp cloth. To clean off dirt, debris, or oils from the laser's aperture, first make sure the laser is deactivated. Apply denatured alcohol to the cotton swab first and using small circular motions clean the laser's lens with the cotton swab. Allow the alcohol to evaporate. Afterward, use your breath to fog the lens. Immediately afterward use a new cotton swab to clean the lens again to remove any residue. No further maintenance is required.

WARNING

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

- NEVER point the laser sight directly at, or into, an eye. This may cause damage to the eye, or blindness.
- Avoid looking directly into the laser.
- Avoid shining the laser into mirrors or other reflective surfaces.
- ALWAYS check the chamber of your weapon is clear before mounting or dismounting the laser sight.
- The laser sight 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.

CAUTION-USE OF CONTROLS OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULTS IN HAZARDOUS RADIATION EXPOSURE.



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.

1. The unit does not turn on - Try replacing the battery. Also check the battery polarity and follow the manual's instruction for correct installation.
2. The unit is not holding zero - Check the mount is securely attached to the firearm. Also verify the laser sight is mounted securely in the mount. If there is any shifting, retighten the mounting system according to the mounting instructions, but do not over tighten.
3. The unit turns off while firing - Tighten the battery cap so the cap is fully seated.
4. The laser dot is blurry – Blow off any dust or debris from the lens on the laser aperture. Next, clean any oils on the lens of the laser aperture with a small cotton swab and denatured alcohol. See maintenance section in this manual.

FIREFIELD WARRANTY

Please visit **www.firefield.eu** for warranty details and information.

NOTES

www.firefield.eu