



# **FIREFIELD EMISSARY BINOCULAR SERIES**

## **USER MANUAL**



**FF12021G & FF12022G**



Founded in 2009 and forged in the crucible of a major economic downturn, Firefield ([www.fire-field.com](http://www.fire-field.com)) is laser-focused on delivering uncompromising value to the legion of integrity-driven, armed individuals depending on hard-earned wages to light the way to victory. The foundation of Firefield is built on patriotism and a squad approach to teamwork in order to achieve victory and preserve our way of life.

Firefield offers force multipliers and accessories for mission-critical operations and extreme shooting sports involving rifles, shotguns and pistols. No matter what genre of shooting appeals to emerging firearm enthusiasts, Firefield provides the tools necessary for your team to overcome adversity. In a free world FORGED INVICTORY, Firefield transforms fear to courage and grit to glory.

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[www.fire-field.com](http://www.fire-field.com)

## **ABOUT FIREFIELD EMISSARY BINOCULAR SERIES**

The Firefield Emissary 10x32 binoculars feature a robust K9 roof prism and 32mm objective lens, allowing for clear viewing at 10x magnification. The Emissary's multi-coated optics, rubber armored housing, and IP55 water resistant rating makes the binoculars resilient and capable of withstanding outdoor elements and rough handling. The fold down eyecups allow for trouble-free viewing while wearing eyeglasses. The Firefield Emissary 10x32 binoculars take advantage of an internal focusing lens, making them easy to use for viewers.

Firefield Emissary 16x32 binoculars offer superior long range vision through the use of a 32mm multi-coated objective lens. Lightweight, with powerful 16x magnification, the Emissary binocular's K9 roof prism produces great optical quality that is both rugged and durable. Allowing for a 108 ft. field of view at 1,000 yards, the Firefield Emissary 16x32's rubber-armored body makes it weatherproof with an IP55 water-resistant rating.

## TECHNICAL SPECIFICATIONS

Technical Specifications	FFI2021G	FFI2022G
Magnification (x)	10	16
Objective lens diameter (mm)	32	32
Exit pupil diameter (mm)	3.2	2
Eye relief (in/mm)	.47 / 12	.39 / 10
Field of view (degrees)	5	3.6
Field of view (ft@1,000yds)	261	108
Close focus distance (ft/m)	18.4 / 5.5	18.4 / 5.5
Length (in/mm)	5.4 / 138	5.4 / 138
Width (in/mm)	4.4 / 113	4.4 / 113
Height (in/mm)	1.6 / 40	1.6 / 40
Weight (oz.)	11.9	11.9

# FEATURES

- Multi-coated optics
- Lightweight
- Rubber armored
- Weatherproof

# INCLUDED ACCESSORIES

- Lanyards
- Lens covers
- Carrying case
- Lens cloth



# DIAGRAM

- 1) Eyepiece
- 2) Objective lens
- 3) Diopter adjustments
- 4) Central focusing knob
- 5) Neck strap eyelet
- 6) Interpupillary distance



## FOCUS ADJUSTMENT

The focus dial allows the Emissary Binoculars to deliver a clear, sharp image. To focus the image:

1. Turn the central focus dial (3) until the image is focused. Make sure the image is always well focused as this will prevent eye fatigue.

## INTERPUPILLARY DISTANCE

Interpupillary distance is the measurement of the distance between the binocular's eyepieces. The binocular's hinge design allows the binoculars to be adjusted to accommodate different users. To adjust the interpupillary distance (6):

1. Look through the binoculars and locate an object in the distance on which to focus.
2. Move the binocular tubes apart or close together until the object in focus becomes one singular image.

## DIOPTER ADJUSTMENT

Adjusting the diopter balances the focus of the left and right viewing fields. The Firefield Emissary binocular's adjustment ring (3) is located on the right eyepiece. To adjust for diopter:

1. Rotate the adjustment ring (3) until the image becomes crisp and sharp.
2. Once set, the diopter setting should stay the same unless the binocular's operator changes.

## NECK STRAP

To use the provided neck strap, place one end of the strap through the neck strap eyelet (5) located on the side of the binocular. Place the strap's end through the plastic adjustment strap. Next, attach and tighten the loose loop ends to secure the pieces together. Finally, place the strap around the neck and adjust the length.

## MAINTENANCE

Proper maintenance of the Firefield Emissary 10x32 and Emissary 16x32 binoculars is recommended to ensure longevity. It is recommended that when the binocular 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. To remove oils or dried water spots, apply a small amount of denature alcohol to a lens cloth or cotton swab. Clean the surface of the lens and let dry. Finally use your breath to clean the lens once more. To protect the binocular store it in the protective padded case when not in use. No further maintenance is required. Do not attempt to disassemble any components of the binocular.

## STORAGE

Cover with the objective lens and the eyepiece with the included lens covers. For long-term storage, place the binocular in a cool, dry and ventilated area.



## WARNING

Before handling the Firefield Emissary 10x32 and Emissary 16x32 binoculars read and understand the contents of the Firefield manual.

- Avoid hitting or dropping the unit
- **NEVER** look directly into the sun or at other bright light sources with the binocular as this could damage your eye and cause blindness.

## 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.

**The image is blurry and not in focus:**

1. Rotate the focus dial until the image becomes clear and sharp.
2. Remove any dust or oil off the objective lens or eyepiece.

## FIREFIELD WARRANTY

Please visit [www.fire-field.com](http://www.fire-field.com) for warranty details and information.

# NOTES

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