

# Owner's Manual

## Care and Maintenance

Congratulations on your PFI purchase. You have selected a product with construction technology that is unique and state of the art in the manufacturing of optics.

Care and maintenance of this product is dictated by the material from which it is constructed. Use of an incorrect cleaning material will result in damage to the finish of the product.

Please use a non-corrosive glass/lens cleaner on PFI optics, along with a soft cotton cloth. Do not dip or submerge in water or other liquids to clean.

Do not attempt to make any adjustments to the centrally located side tension screw as this will void your warranty.

**Additional Warnings:** It is the user's responsibility to inspect the optic for signs of excessive wear, and tightness of all screws and hardware. If any possible problem is detected or any doubt exists, do not use. Call PFI's Customer Service at (877) 817-6019.

## Zeroing Instructions RR-22's

For the **RR-22** series, set zero at 100 yards on the 100 yard hold over line. Make the appropriate adjustments at higher distances for maximum accuracy.

For the **RR-22-1** and **RR-22-3**, some examples of inexpensive .22LR HV ammo that will work with these models are:

- Federal Lighting
- CCI Blazer
- Winchester Power Point
- Remington Gold Bullet HP
- And many other brands

For the **RR-22-2**, it is best to use a 40-grain bullet @ 1825 fps. The **RR-22-2** Magnum scope will work with all manufactured .22 Magnum ammunition that fall within the weight and velocity of the specifications of this calibrated reticle.

\*Data compiled by using the Sierra Bullet Company computer Ballistic Data program; all tested and confirmed in the field.

## Zeroing Instructions RR-17HMR

For the **RR-17HMR**, set zero at 100 yards on the 100 yard hold over line. Make the appropriate adjustment at higher distance for maximum accuracy throughout the entire reticle.

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## PFI Rapid Reticle's User Guide



**RR-22-1**  
**3-9x32mm**  
**(.22LR)**



The Rapid Reticle™ RR-22-1 is specially designed for the .22LR making it possible to accurately shoot the inexpensive .22 Long Rifle High Velocity ammunition out to 200 yards or meters without manual adjustments.

The patented Rapid Reticle ballistic reticle allows a user to zero the rifle on the center crosshair at 50 yards and utilize a series of clearly numbered elevation lines and dots with corresponding wind hold lines out to 10 mph which allows the shooter to get more performance out of the .22 rifle than ever before.

The Rapid Reticle RR-22-1 will work with the most commonly available .22 Long Rifle High Velocity ammunition, which runs at velocities of approximately 1200-1300 feet per second, for fast and accurate placement.

### Specifications:

- ◆ Nitrogen filled one piece 1" diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and waterproof with multi coated lenses
- ◆ 3-9 x 32mm with fast focus eye piece
- ◆ First focal plane reticle to allow for accurate shooting throughout power range without manual adjustment
- ◆ Fast focus eye piece
- ◆ Positive ¼ MOA windage and elevation clicks on the low profile target type knobs with reset to zero feature.
- ◆ Weight (oz.): 13.4
- ◆ Length (inch): 11.2
- ◆ Eye Relief (mm): 88.90 @ 3x 73.66 @ 9x
- ◆ Eye Relief (inch): 3.50 @ 3x 2.90 @ 9x
- ◆ Field of View (feet@100 yds): 30.60 @ 3x 21.00 @ 9x
- ◆ Exit Pupil Diameter (mm): 10.70 @ 3x 3.60 @ 9x
- ◆ Temperature Operating Range: 70C to 17C

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**RR-22-2**  
**3-9x32mm**  
**(.22 Magnum)**



The RR-22-2 makes it possible to accurately shoot .22 Magnum rifles using the Magnum ammunition of choice out to 300 yards or meters without manual adjustments for elevation and windage.

This scope features the patented Rapid Reticle ballistic reticle that allows the user to zero the rifle on the center cross hair at 100 yards and utilize a series of elevation lines and wind marks out to 10 mph for multiple distances. It is most optimal for a 40-grain bullet @ 1825 fps and is made to withstand rugged conditions.

From novice to expert, the Rapid Reticle system adds an added edge to help improve speed and skill for any user.

### Specifications:

- ◆ Nitrogen filled one piece 1" diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and waterproof with multi coated lenses
- ◆ 3-9 x 32mm with fast-focus eye piece
- ◆ First focal plane reticle to allow for accurate shooting throughout power range without manual adjustment
- ◆ Fast-focus eye piece
- ◆ Positive ¼ MOA windage and elevation clicks on the low profile target type knobs with reset to zero feature.
- ◆ Weight (oz.): 13.4
- ◆ Length (inch): 11.2
- ◆ Eye Relief (mm): 88.90 @ 3x 73.66 @ 9x
- ◆ Eye Relief (inch): 3.50 @ 3x 2.90 @ 9x
- ◆ Field of View (feet@100 yds): 30.60 @ 3x 21.00 @ 9x
- ◆ Exit Pupil Diameter (mm): 10.70 @ 3x 3.60 @ 9x
- ◆ Temperature Operating Range: 70C to -17C

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## PFI Rapid Reticle's User Guide



**RR-22-3  
6x40mm  
(.22LR)**



Similar to the RR-22-1, the RR-22-3 is the compact version with a fixed 6x magnification and a 40mm objective. Using the same patented ballistic reticle, the RR-22-3 is able to accurately place .22 Long Rifle High Velocity rounds out to 200 yards or meters, depending where zero is set.

The series of elevation lines and the windage marks out to 10 mph allow novice to expert users to quickly acquire targets and shoot accurately without having to manually adjust the scope. Shooters will get more performance out of their .22 rifle than ever before.

Built for rugged conditions, the RR-22-3 is durable and is an exceptional addition to the Rapid Reticle family.

### Specifications:

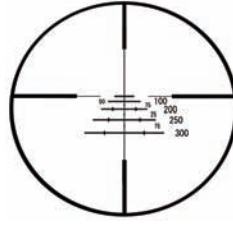
- ◆ Nitrogen filled one piece 1" diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and waterproof with multi-coated lenses
- ◆ 6 x 40mm with fast focus eye piece
- ◆ First focal plane reticle to allow for accurate shooting throughout power range without manual adjustment
- ◆ Fast-focus eye piece
- ◆ Positive ¼ MOA windage and elevation clicks on the low profile target type knobs with reset to zero feature.
- ◆ Weight (oz.) 12.7
- ◆ Length (inch): 12.8
- ◆ Eye Relief (mm): 86.36
- ◆ Eye Relief (inch): 3.4
- ◆ Field of View (feet@100 yds): 17.9
- ◆ Exit Pupil Diameter (mm): 6.7 mm
- ◆ Temperature Operating Range: 70C to 17C

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## PFI Rapid Reticle's User Guide



**RR-17 HMR  
3-9x32mm  
(.17 HMR)**



The Rapid Reticle 17HMR 3-9x32 is simple to use and makes it possible to shoot your .17HMR rimfire rifle at a variety of distances without manual adjustments and at any magnification power. Any shooter, novice to expert, will be able to accurately place rounds at distances up to 300 yards or meters depending on where zero is set with ease and precision.

This scope features the Rapid Reticle aiming system that is zeroed on the center crosshair at 100 yards. Below the center crosshair are a series of clearly numbered elevation lines or dots with corresponding wind hold lines out to 10 mph which allows the shooter to get more performance out of the .17 rimfire rifle than ever before.

The RR-17HMR is simple to understand, fast, and accurate. The Rapid reticle is designed to work best with the most commonly available 17 grain .17HMR rifle ammunition that runs at velocities of approximately 2,550 feet per second.

### Specifications:

- ◆ Nitrogen filled one piece 1" diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and waterproof with multi coated lenses
- ◆ 3-9 x 32mm with fast focus eye piece
- ◆ First focal plane reticle to allow for accurate shooting throughout power range without manual adjustment
- ◆ Fast focus eye piece
- ◆ Positive ¼ MOA windage and elevation clicks on the low profile target type knobs with reset to zero feature.
- ◆ Weight (oz.): 13.4
- ◆ Length (inch): 11.2
- ◆ Eye Relief (mm): 88.90 @ 3x 73.66 @ 9x
- ◆ Eye Relief (inch): 3.50 @ 3x 2.90 @ 9x
- ◆ Field of View (feet@100 yds): 30.60 @ 3x 21.00 @ 9x
- ◆ Exit Pupil Diameter (mm): 10.70 @ 3x 3.60 @ 9x
- ◆ Temperature Operating Range: 70C to 17C



**Owner's Manual for:**  
**RR-22-1 3-9x32mm (.22LR)**  
**RR-22-2 3-9x32mm (.22 Magnum)**  
**RR-22-3 6x40mm (.22LR)**  
**RR-17HMR 3-9x32mm (.17 HMR)**

## W A R N I N G

**Please read instructions  
prior to use**

Improper or careless use of a firearm or a firearm and holster may result in serious injury or death. It is the user's responsibility to have a thorough knowledge and be properly trained in all aspects of firearm and optic safety and use.

- ❑ If your firearm is equipped with a safety lever, be sure that the safety is engaged when not actively shooting.
- ❑ Do not use worn or broken firearms or those that are not of original manufacturer's specifications.
- ❑ Always use 4 basic safety rules when operating firearms:
  - Treat all guns as if they are loaded.
  - Never point the muzzle at anything you do not want to destroy or kill.
  - Keep your finger off the trigger until ready to shoot.
  - Be absolutely sure of your target and what is behind it.

**Failure to heed these warnings or follow the operating instructions may result in accidental discharge of a firearm causing serious injury or death.**

Read and understand all owners manuals, instructions, and guides prepared by the manufacturer for your firearm.

**The purchase and use of this PFI Rapid Reticle product is done at the sole and exclusive risk of the user.**