

# 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-800's

For the **RR-800** series, set zero at 100 yards on the 100 yard hold over line. Then, go to 500 yards and check zero on the 500 yard hold over line. Make any click adjustments that are necessary to set zero on 500 yards hold over line. This should put your shots very close to the various hold over lines from 100 out to 800 yards depending on the ballistic coefficient of your setup and ammunition.

Below are the appropriate ballistic coefficients for the **RR-800** series:  
**RR-800 BALLISTIC COEFFICIENTS EXAMPLES:**

1. Sierra .308 175 gr. match king B.C. .505 @ 2600 fps. (.308 Winchester)
2. Sierra .308 168 gr. match king B.C. .462 @ 2700 fps. (.308 Winchester)
3. NATO 7.62 147 gr. FMJ BT B.C. .401 @ 2800 fps.
4. Sierra 6.5 140 gr. SBT B.C. .495 @ 2600 fps. (6.5x55 Swedish)
5. Sierra .284 168 gr. Match King B.C. .488 @ 2600 fps. (7-08 Remington)
6. Hornaday .224, 75-gr. A-MAX B.C. .440 @ 2700 FPS. (.223 Remington)
7. Can also be used with .556, 55/62/77 grain bullets out to 600 yards

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## Instructional Manual for: RR-800-1 3-9x42mm RR-800-2 10x42mm

### 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.**

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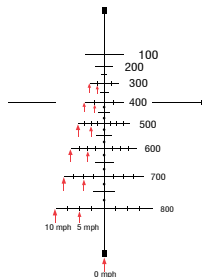


## Owner's Manual

### PFI Rapid Reticle's User Guide



**RR-800-1**  
**3-9x42mm**



The **RR-800-1** was designed specifically for long range military and sports shooters especially for those shooting .308 Winchester (7.62 NATO) and .223 Remington (5.56 NATO) rounds. This widely acclaimed scope features the patented PFI ballistic reticle with windage marks out to 10 mph.

The system is extremely accurate, quick to use and easy to understand. After ranging the target and estimating windage, shooters from novice to expert, can easily shoot out to 800 yards without any manual adjustments.

The **RR-800** series has been thoroughly combat tested and has surpassed the rugged requirements demanded by the military. From military to law enforcement to sport shooters alike, the **RR-800** can be counted on.

#### Specifications:

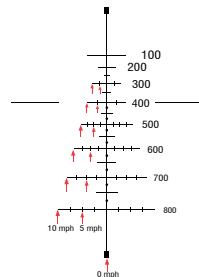
- ◆ Nitrogen filled one piece 30mm diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and waterproof with multi-coated lenses
- ◆ 3-9 x 42mm with threaded eye-piece adjustment with lock-ring
- ◆ First focal plane reticle to allow for accurate shooting throughout power range without manual adjustment
- ◆ Positive ¼ MOA windage and elevation clicks on the low profile target type knobs with reset to zero feature
- ◆ Weight (oz.): 16.9
- ◆ Length (inch): 12.5
- ◆ Eye Relief (mm): 106.68 @ 3x 88.90 @ 9x
- ◆ Eye Relief (inch): 4.20 @ 3x 3.50 @ 9x
- ◆ Field of View (feet@100 yds): 35.80 @ 3x 12.20 @ 9x
- ◆ Exit Pupil (mm): 14.00 @ 3x 4.70 @ 9x
- ◆ Temperature Operating Range: 70C to -17C

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**RR-800-2**  
**10x42mm**



The **RR-800-2** was designed specifically for long range military and sports shooters especially for those shooting .308 Winchester (7.62 NATO), .223 Remington (5.56 NATO) rounds, and requiring a 10x fixed magnification. This widely acclaimed scope features the patented PFI ballistic reticle with windage marks out to 10 mph.

The system is extremely accurate, quick to use and easy to understand. After ranging the target and estimating windage, shooters from novice to expert, can easily shoot out to 800 yards or more without any manual adjustments.

The **RR-800** series has been thoroughly combat tested and has surpassed the rugged requirements demanded by the military. From military to law enforcement to sport shooters alike, the **RR-800** can be counted on.

#### Specifications:

- ◆ Nitrogen filled one piece 30mm diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and waterproof with multi-coated lenses
- ◆ 10 x 42mm with threaded eye-piece adjustment with lock-ring
- ◆ First focal plane reticle to allow for accurate shooting throughout power range without manual adjustment
- ◆ Positive ¼ MOA windage and elevation clicks on the low profile target type knobs with reset to zero feature
- ◆ Weight (oz.): 16
- ◆ Length (inch): 12 5/8
- ◆ Eye Relief (mm): 99.60
- ◆ Eye Relief (inch): 3.9
- ◆ Field of View (feet@100 yds): 11.30
- ◆ Exit Pupil (mm): 4.20
- ◆ Temperature Operating Range: 70C to -17C

