

Zeroing Instructions RR-600's

For the **RR-600** series, first, zero your rifle at 200 yards. Then, zero again at 400 yards with the 400 yard hold over line. Adjust accordingly at 400 yards and this should put your shots close to point of aim from 100 out to at least 500 yards depending on the ballistic coefficient of your setup. Always check your zero out to the furthest distance you will shoot and your scope will be optimized at all tiers.

Below are example ballistic coefficients for the **RR-600** series:

RR-600 BALLISTIC COEFFICIENT EXAMPLES:

1. .243 Winchester Sierra 100 Gr. SBT - BC: .430 @ 2950 fps.
2. .243 Winchester Speer 100 Gr. Grand Slam - BC: .351 @ 3000 fps
3. 25/06 Remington Nosler 120 Gr. Partition - BC: .391 @ 2950 fps
4. 25/06 Remington Sierra 117 Gr SBT - BC: .410 @ 3000fps
5. 6.4 Remington Magnum 140 Gr. SBT - BC: .530 @ 2800 fps
6. .270 Winchester 130 Gr. Bear Claw - BC: .380 @ 3060 fps
7. .270 Winchester 140 Gr. Bear Claw - BC: .292 @ 2950 fps
8. .270 Winchester 130 Gr. Bear Claw - BC: .483 @ 2900 fps
9. 7mm-08 Remington Barnes 150 Gr. XBT - BC: .529 @ 2800 fps
10. 7mm-08 Remington Sierra 140 Gr. SBT - BC: .488 @ 2900 fps
11. .280 Remington Sierra 150 Gr. SBT - BC: .435 @ 2900 fps
12. 7mm Remington Magnum Sierra 175 Gr. SBT - BC: .533 @ 2800 fps
13. 7mm Remington Magnum Nosler 175 Gr. Partition - BC: .519 @ 2800 fps
14. 7mm Remington Magnum 175 Gr. Bear Claw - BC: .438 @ 2860 fps.
15. 7mm Remington Magnum Sierra 195 Gr. Barnes SSP - BC: .570 @ 2750 fps
16. .308 Winchester Barnes 150 Gr. SSP - BC: .413 @ 3000 fps
17. .30-06 Springfield Barnes 165 Gr. XBT - BC: .505 @ 2800 fps
18. .30-06 Springfield Sierra 180 Gr. SBT - BC: .501 @ 2800 fps
19. .30-06 Springfield Hornaday 150 Gr. SST - BC: .413 @ 3000 fps
20. .300 Winchester Magnum Federal 180 Gr. Weldcore SP - BC: .364 @ 2960 fps
21. .300 Winchester Magnum Federal 180 Gr. Bear Claw - BC: .414 @ 2960 fps
22. .300 Winchester Magnum Federal 200 Gr. Nosler Partition - BC: .481 @ 2850 fps
23. .338 Winchester Magnum Sierra 250 Gr. SBT - BC: .565 @ 2750 fps
24. .338 Winchester Magnum Sierra 250 Gr. X - BC: .521 @ 2750 fps
25. .338 Winchester Magnum Sierra 250 Gr. X B.C. .428 @ 2875 fps



MIKE VOIGT

Competition Shooter
2009 & 2010 Superstition
Mountain Mystery 3 Gun
2009 USPSA Multi-gun Nationals
2010 MGM Iron Man 3 Guns
2010 Surefire International
Tactical Rifle Championship



MAGGIE REESE

Competition Shooter
2009 & 2010 USPSA Multi-gun
National Champion

**PFI RAPID
RETICLE**

Instructional Manual for: RR-600-1 (3-9x42mm) RR-600-2 (3-9x32mm)

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.

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.



(877) 817-6019 • customerservice@RapidReticle.com
www.RapidReticle.com

Owner's Manual

PFI Rapid Reticle's User Guide



RR-600-1
(3-9x42mm)



The **RR-600-1** is a popular model among military units, hunters, and sport shooters worldwide because the patented ballistic reticle is compatible with a wide variety of calibers.

Zero the rifle at 200 yards on the center crosshair and any shooter can utilize the series of clearly numbered elevation lines and dots with corresponding wind lines to precisely shoot out to 600 yards or meters without any manual adjustments.

The Rapid Reticle aiming system is accurate, easily understood, and extremely quick to use in the field whether in combat or competition.

Specifications:

- ◆ Nitrogen filled one piece 1" diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and water proof multi coated lenses
- ◆ 3-9 x 42mm with fast focus eye piece
- ◆ 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.): 13
- ◆ Length (inch): 11
- ◆ Eye Relief (mm) : 97 @ 3x 95 @ 9x
- ◆ Eye Relief (inch): 3.80 @ 3x 3.70 @ 9x
- ◆ Field of View (feet@100 yds): 97.48 @ 3x 24.14 @ 9x
- ◆ Exit Pupil (mm): 13.1 @ 3x 6 @ 9x
- ◆ Temperature Operating Range: 70C to -17C

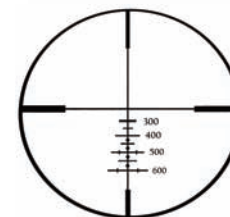
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RR-600-2
(3-9x32mm)



The **RR-600-2** offers a compact scope with the RR-600 reticle and can be used with all popular hunting cartridges.

Zero the rifle at 200 yards on the center crosshair. Below the center crosshair are a series of clearly numbered elevation lines and dots with corresponding wind lines which allow the shooter to precisely shoot out to 600 yards or meters, depending on the zero set without manual adjustments.

The Rapid Reticle aiming system is accurate, easily understood, and extremely quick to use in the field. Its versatility allows shooters to use the scope with a wide range of ammunition which makes it adaptable in a variety of situations and circumstances.

Specifications:

- ◆ Nitrogen filled one piece 1" diameter 6061 T6 aluminum tube with matte black anodized finish
- ◆ Shock, fog, and water proof 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
- ◆ Positive ¼ MOA windage and elevation clicks on the low profile target type knobs with reset to zero feature
- ◆ Weight (oz.): 13
- ◆ Length (inch): 11
- ◆ Eye Relief (mm) : 97.00 @ 3x 95.00 @ 9x
- ◆ Eye Relief (inch): 3.80 @ 3x 3.70 @ 9x
- ◆ Field of View (feet@100 yds): 97.48 @ 3x 24.14 @ 9x
- ◆ Exit Pupil (mm): 13.1 @ 3x 6.00 @ 9x
- ◆ Temperature Operating Range: 70C to -17C

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