



# CHARGE AR SERIES USER MANUAL

FF25006, FF25007, FF25008, FF25009, FF73012



Engineered for high intensity, fast-paced situations, from paintball games to tactical training simulations to home defense, Firefield products are designed for the next generation shooter and serious gun enthusiast. Our goal is to provide optimal solutions for demanding tactical, hunting and competitive training situations.

Firefield products are tested for durability in extreme terrain and extreme climates. Consisting of shooting accessories compatible with extreme shooting guns, AR-15s, tactical carbines, air guns, shotguns and pistols, the Firefield product line includes: riflescopes, red dot sights, reflex sights, laser sights, magnifiers, bore sights, night vision, digital night vision, flashlights, spotting scopes, rails and mounts.

Delivering high quality and exceptional durability to every intense moment, Firefield is the key to victory. Transform fear to power, panic to excitement and chaos to glory with Firefield units—Victory Justifies Everything®

To view this manual in other languages, or for more information please visit [www.fire-field.com](http://www.fire-field.com).

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## 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.

If the laser does not hold zero:

1. Check the firearm's mount that is securely attached. Also verify the laser designator is mounted securely to the rifle. If there is any shifting, retighten the mounting system according to the mounting instructions but do not over tighten.
2. Be sure to use factory-loaded ammunition of the same bullet type, weight, and, preferably, lot number when sighting in the laser sight.

The laser or flashlight turns off while firing:

1. Tighten the battery cap with a coin or flathead screw driver so the cap is fully seated.

## FIREFIELD WARRANTY

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

## **WARNING**

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 RESULT IN HAZARDOUS RADIATION EXPOSURE.

## **CHARGE AR SERIES**

Each unit in the Firefield Charge AR Series was developed to improve a black gun's capabilities without adding weight or bulk. These compact laser and flashlight units increase visibility and target recognition in a variety of situations.

## SPECIFICATIONS

	FF25006 / FF25008	FF25007 / FF25009
Outout power (mW)	<5	<5
Laser wavelength (nW)	630-650	532
Effective range(day/night)	20/300	50/600
Adjustment graduation	continuous	continuous
Windage/elevation adjsutment (MOA)	468/410	468/410
Battery type	CR2	CR2
Battery life (hrs)	40	3.5
Dimensions (in)	2.2 x 2.25 x 1.1	2.2 x 2.25 x 1.1
Weight (oz)	3.4	3.4

	FF25009 / FF25008
Bulb type	LED
Outpower (lumens)	180
Dimensions *FF73012	2.2 x 1.65 x 1.1
Weight *FF73012	2.2

Included Accessories: Battery, Adjustement tool, Pressure pad

### Features:

- Low profile design
- Compact and lightweight
- Powered by single CR2 battery
- Push button or pressure pad operation
- Windage and elevation adjustable

## MAINTENANCE

Proper maintenance of the Firefield Charge AR is recommended to ensure longevity. It is recommended that when the sight becomes dirty that it is wiped down with a dry or slightly damp cloth. To clean off dirt and debris from the laser's aperture, make sure the laser is deactivated. It is recommended to remove the battery to ensure the laser will not activate during maintenance procedures. Clean the aperture lens with a lens cleaning cloth. No further maintenance is required

## WARNING

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

- NEVER point the laser designator 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 designator.
- ALWAYS remove the laser designator when cleaning or performing other maintenance on your firearm.
- The laser designator should be tested during periods of non-use to make sure it is still operating properly.

## 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. Red lasers are best zeroed at 25 yards due to visibility restrictions during the daytime. Red lasers, however, can be zeroed at longer distance for night time use. Green lasers are best zeroed at 50 yards due to visibility restrictions during the daytime. Green laser, however, can be zeroed at longer distance for night time use

## OPERATING WINDAGE AND ELEVATION ADJUSTMENTS

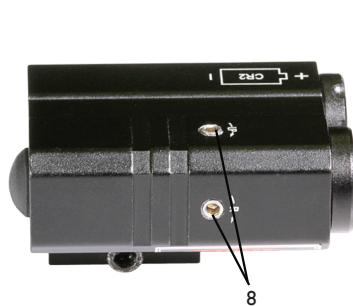
In order to make windage and elevation adjustments:

1. Locate the windage and elevation adjustments (8).
2. Use the included hex tool to make adjustments. Adjustments are continuous meaning there is no "click".
3. Adjust the laser dot to align with your point of impact at the desired zero distance. Or zero the laser dot to your optic's current zero.

Note: Adjustments remain zeroed, and no locking mechanism is needed.

## DIAGRAM

1. Laser aperture
2. Battery cap
3. Flashlight \*
4. Weapons mount
5. Flashlight on/off button \*
6. Laser on/off button
7. Pressure pad input jack
8. Windage/Elevation adjustment \*\*



\*\* FF73012 EXCLUDED



\* FF25008 / FF25009 / FF73012 ONLY

## INSTALLATION

The Firefield Charge AR models are powered by one CR2 battery. Should the laser and/or flashlight grow dim or not activate, the battery needs to be replaced. To install a new battery:

1. Unscrew the battery cap (2) counterclockwise.
2. Remove the battery.
3. Insert a new battery with the positive (+) side facing up.
4. Screw the battery cap clockwise. Do not over tighten.

## MOUNTING

To mount the Firefield Charge AR product, please read and strictly adhere to the following directions:

1. The Firefield Charge AR comes with a built-in weaver/picatinny mount (4).
2. Unload the weapon. Remove the bolt/firing pin to ensure the weapon is incapable of firing.
3. Install the laser onto a weaver or picatinny base. Use a hex key to tighten the mounting screws between 45 - 65 inch pounds of torque.
4. Next, zero the sight

## OPERATING THE AR-LASER AND LIGHT

In order to activate the Charge AR's Laser, flashlight, or both locate the on/off push button for each function identified per function "Laser" (6) and "Flashlight" (5).

1. Push the button down.
2. A click should be heard and the specific function will activate.
3. Repeat step 1. Once the click is heard the laser will deactivate.

In order to activate the Charge AR with the pressure pad (9).

1. Locate the pressure pad input jack (7) on the back of the laser housing.
2. Insert the press pad's jack plug into the input jack.
3. For momentary activation, pressure firmly on one of the pressure pads to activate the specific function. A click should be heard and felt.
4. To turn the laser off, release pressure off the pressure pad. A click should be heard and felt.