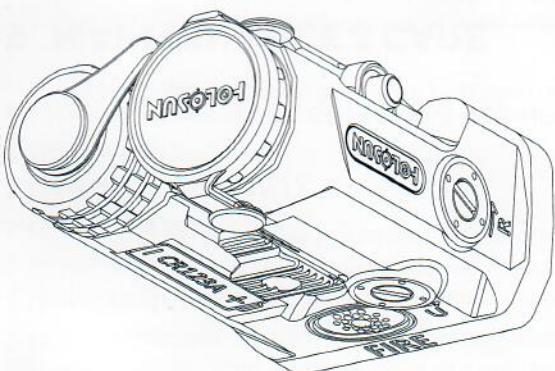


IRIS-RD3
IRIS-CR3
IRIS-RD3-HP
IRIS-CR3-HP



MULTI-LASER IRIS

User's Manual

www.holosun.com

IMPORTANT NOTICES AND WARNINGS

- Ensure the firearm is unloaded and safe by removing all ammunition and magazines from the firearm and verify an empty chamber before installation and battery replacement. Do not attempt to install this sight kit on a loaded gun. Safe firearm handling rules should be followed at all times.
- DO NOT look directly into the laser beam
- DO NOT look into the laser beam through binoculars or telescopes.
- DO NOT point the laser beam at mirror-like surfaces.
- Avoid direct eye and skin exposure.
- Ensure the Mode Selector is OFF before inspecting the lenses of IRIS.
- DO NOT store IRIS with battery installed.
- If the product has been stored for an extended period, please check its functionality before using it.
- This product contains natural rubber latex which may cause a potentially fatal allergic reaction! If you are allergic to rubber, it is important to strictly avoid products containing rubber.
- Clean the lens surfaces using lens tissues or a clean microfiber cloth.
- Identify any risks of damage to equipment using a laser device.
- Carefully read this manual before use. Proper usage of this device is important for safe operation.
- Please keep the packaging should you need to make a warranty claim.
- All instructions are given from the shooter's perspective.
- Ensure proper eye relief is maintained when shooting larger calibers to avoid injury. The user assumes all responsibility and liability for having IRIS properly mounted to a firearm and using the IRIS properly. Always check the condition of your mounting system prior to using your firearm.

IRIS-CR3/RD3



IRIS-CR3/RD3-HP



1. OVERVIEW

1.1 Product Description

The IRIS (Integrated Rifle Infrared System) is a three coaxial laser aiming device that combines Visible Laser Pointer, IR Laser Pointer, and an IR Illuminator, and can simultaneously adjust the optical axis direction. Suitable for both close range and long-distance rapid aiming, suitable for fast aiming and observation in various complex environments around the clock. Before operation, please read the User's Manual carefully.

1.2 Component Description (figure 1)

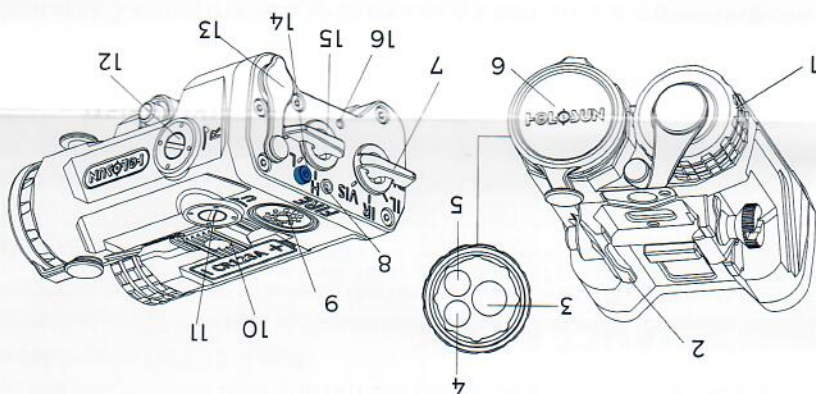


Figure 1 IRIS-GR3/RD3-HP

Table 1. Component Description

ITEM	Description
1	Battery Cap
2	Picatinny Mount
3	IR Illuminator
4	Visible Laser
5	IR Pointer
6	Protective Cover
7	Mode Selector
8	IR Indicator LED
9	Activation Button
10	IR ILL Focus Slider
11	Elevation Adjustment
12	Windage Adjustment
13	Remote Switch Port
14	Security Screw (IRIS-RD3-HP/IRIS-GR3-HP)
15	Power Selector
16	Security Screw Storage (IRIS-RD3-HP/IRIS-GR3-HP)

2. FEATURES

1. The Visible Pointer, IR Pointer and IR Illuminator are co-aligned so that the user could adjust all three beams simultaneously via same adjuster.
2. The size of IR Illuminator spot is adjustable.
3. The IRIS features a low-battery indicator and IR Pointer and IR Illuminator indicators.
4. Waterproof Remote Cable Switch with VIS Override
5. 7075 Aluminum housing with type III anodizing.
6. Set high and low modes, suitable for various occasions

3. SPECIFICATIONS

Table 2-1 IRIS-CR3/RD3 specifications

Parameter		IRIS-CR3		IRIS-RD3	
Laser Sight	Wavelength(nm)	520	850	635	850
	Output Power: Low/High(mW)	<1/<5	<0.4/<0.7	<1/<5	<0.4/<0.7
	FDA Class	2	3R	1	1
	Divergence(mrad)	0.5			
Laser Illuminator	Wavelength(nm)	850			
	Output Power: Low/High(mW)	<10/<60			
	Divergence(mrad)	Adjustable:15~120			
	FDA Class	1			
Adjustment Range		±50MOA			
Battery		CR123A×1			
Working Temperature		-35℃~51℃			
Storage Temperature		-40℃~65℃			
Water Proof		IPX8			
Housing Color		Black			
Dimension: mm		80×50×35			
Weight: (g)		180			

Table 2-2 IRIS-CR3/RD3-HP Specifications

Parameter		IRIS-CR3-HP		IRIS-RD3-HP	
Laser Sight	Wavelength(nm)	520	830	635	830/850
	Output Power: Low/High(mW)	<5/<50	<0.7/<50	<5/<50	<0.7/<50
	FDA Class	3R	3B	1	3B
	Divergence(mrad)	0.5			
Laser Illuminator	Wavelength(nm)	850			
	Output Power: Low/High(mW)	<10/<60			
	Divergence(mrad)	Adjustable:15~120			
	FDA Class	3B			
Adjustment Range		±50MOA			
Battery		CR123A×1			
Working Temperature		-35℃~51℃			
Storage Temperature		-40℃~65℃			
Water Proof		IPX8			
Housing Color		Black			
Dimension: mm		80×50×35			
Weight: (g)		180			

4. BATTERY

1. Unscrew the battery cap in a CCW direction. Remove and properly discard the used battery. (See Fig 2)
 2. Inspect the battery compartment for dirt, moisture or corrosion, and then clean the battery compartment if needed.
 3. Inspect the O-ring seal on the battery cap to make sure that it is free of sand and dirt particles and that it has not been damaged.
 4. Install the battery in the orientation marked on the housing and then reinstall the battery cap by screwing in a CW direction.
- LOW BATTERY WARNING:** If the battery voltage is below 2.3VDC, the red indicator LED is always on.

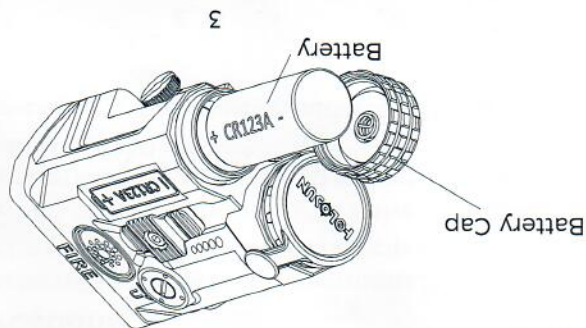
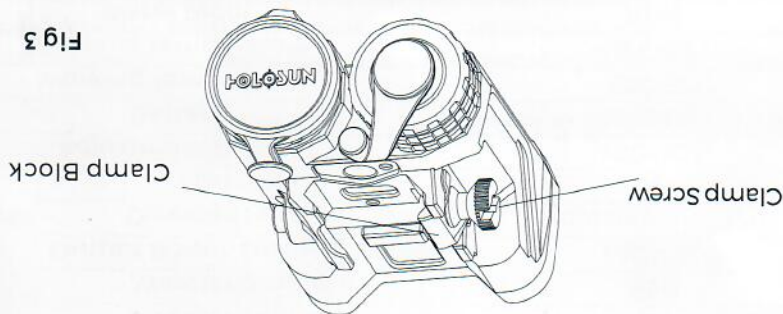


Fig 2

5. PRODUCT INSTALLATION

- When removing and reinstalling IRIS, return to zero shift is less than 2 MOA.
1. Use the included T10 torx tool to loosen the clamp screw by rotating counterclockwise. (See Fig 3)
 2. Adjust the clamp block enough to attach the mount to a Picatinny rail.
 3. Apply forward pressure to the IRIS and tighten the mounting clamp screw 30INCH/lbs.



6. OPERATION

6.1 Mode and Power Selector

The IRIS has four modes and 2 power levels as shown in the table 3 below.

Table 3 Function Description

Mode	Description
OFF	Powers OFF the IRIS unit.
L	Low power setting for visible laser, infrared laser, and IR
H	High power setting for visible laser, infrared laser, and IR
VIS	Visible laser pointer
IR	Infrared laser pointer
IL	Infrared illuminator
DI	Dual IR pointer + IR illuminator

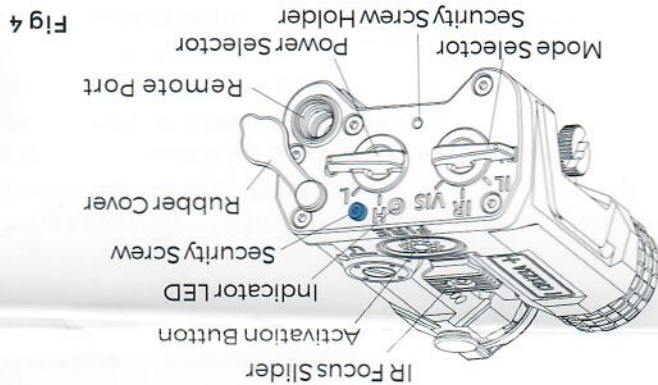
CAUTION: The Armorer will remove and store the security screw.

Use the included 1.5mm Hexwrench to remove the blue Security Screw and place it into the Security Screw holder if using the high power mode below. (IRIS-GR3-HP/IRIS-RD3-HP only)

DO NOT over tighten the blue Safety Screw when installing it into the Security Screw holder.

6.2 Operation Instructions:

- 1) Rotate the power selector to H (high) or L (low), then rotate the mode selector to the desired mode, and press the activation button to activate the laser. (See Fig 4)
- Momentary ON Mode:** press the activation button to activate the laser until the button is released. Maximum momentary time is 60 seconds. After 60 seconds the laser will turn OFF while button is still pressed.
- Constant ON Mode:** Double press the activation button to activate the laser



continuously for up to 5 minutes. The laser will turn OFF automatically after 5 minutes of continuous use. You can also short press the activation button to power OFF manually.

2) In IL or DI mode, push the slider forward to increase IR illuminator spot size and slide towards user to decrease spot size. (See Fig 4)

3) Auto OFF Timer: When the power selector is dial to OFF, press and hold the activation button for 5 seconds, the visible laser will flash once indicating that Auto OFF is activated after 5 minutes; or the visible laser flashes 3 times indicating Auto OFF is deactivated.

4) Remote cable switch: (See Fig 5)

Installation:

i. Remove the rubber cover from the remote port (fig 4) and insert the plug of the remote cable switch into the port.

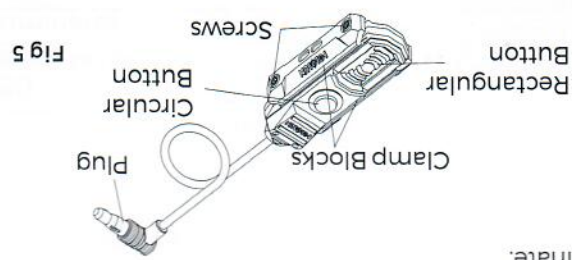
ii. Use the included T10 torx tool to loosen remote switch clamp screws by rotating counterclockwise enough to attach the remote switch to a Picatinny rail.

iii. Apply forward pressure to the remote cable switch and tighten the clamp screws enough to prohibit movement without over tightening.

Remote Power Switch VIS Override: Press the circular button on the remote switch, in any power setting including OFF, to activate the low power visible laser in either momentary or constant ON as described in 6.2.1.

Activation button: The rectangular button on the remote switch functions in the same way as the activation button on the top of the IRIS.

5) IR indicator LED: When the IR, IL, or DI modes are activated, the green indicator LED will illuminate.



7. ZERO SETTING

1. The Elevation adjustment is located at the top of the housing and the Windage adjustment is located on the right side of the housing. Adjustment can be performed by inserting the flat-tipped end of the included tool into the turret slot and rotating. (See Fig 6)
 2. Windage and Elevation adjustments are approximately 0.5 MOA per click.
 3. The maximum adjustment range is ± 50 MOA from center.
- caution:** If you feel the knobs can no longer be rotated, you may have reached the mechanical limit of the adjustment turret. Do not try to rotate the knobs further if you feel a bind or you may cause damage.

Table 4 Adjustment and Movement Instructions

Adjuster	Position	Mark	Direction	Point of Impact
Elevation Adjustment	Top	U	CW	Up
			CCW	Down
Windage Adjustment	Side	R	CW	Left
			CCW	Right

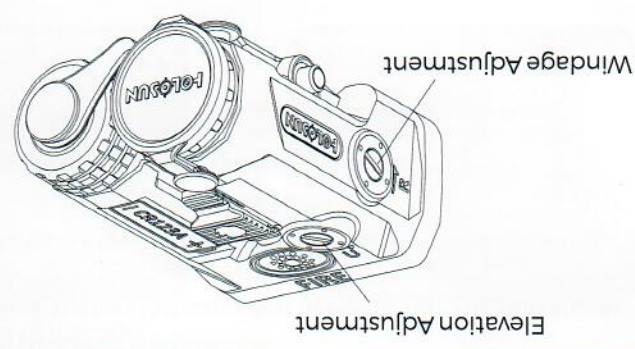


Fig 6

8. PACKING

The package should contain the following items:

1. IRIS laser sight
2. 1*CR123A battery
3. Remote cable switch
4. User manual
5. Cleaning cloth
6. Desiccant
7. T10 Torx tool
8. 1.5mm Hexwrench (IRIS-CR3-HP/IRIS-RD3-HP)

9. MAINTENANCE & CARE

The IRIS is a rugged, compact laser device. The following tips are provided to ensure a long product life. The optical lenses are multicoated optical glass. When cleaning the lenses, blow away the dust on the surface, wet the lens with lens cleaner or clean water, then wipe away smudges with lens tissue, soft cotton or a microfiber cloth. Avoid touching the glass surface with dry cloth or tissue paper. Do not use organic solvents such as alcohol or acetone. No special maintenance is needed for the housing surface. Do not try to disassemble the device as the internal parts are specially cleaned and sealed and with an anti-fog treatment. Any such attempt will void the warranty.

10. LIMITED WARRANTY

We provide a limited lifetime warranty from the date of purchase on parts and workmanship to the original purchaser. At our sole discretion, we will repair or replace products found to be defective under normal use without charge, excluding any delivery costs, which will be born by purchaser. We will not be liable for incidental, consequential, or special damages arising out of or in any connection with the use or performance of this product. This warranty is void if the product has been misused, modified, neglected, or disassembled prior to its return. Please refer to www.holosun.com for current and complete warranty information and other conditions.

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