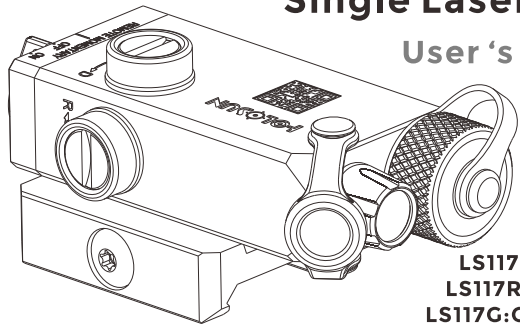


LS117 Single Laser Sight User's Manual



LS117IR: IR Laser
LS117R: Red Laser
LS117G: Green Laser



LASER RADIATION
DO NOT STARE INTO BEAM

1. GENERAL INFORMATION

1.1 SYSTEM DESCRIPTION

The LS117 is a Class II/IIIa laser device for civil use that features a Visible Laser Pointer for daylight (LS117R/G) or Invisible Laser Pointer for night (LS117IR). The LS117 emits the highly collimated laser for precise aiming and can be weapon mounted via the Quick Release Mount.

1.2 COMPONENT DESCRIPTION

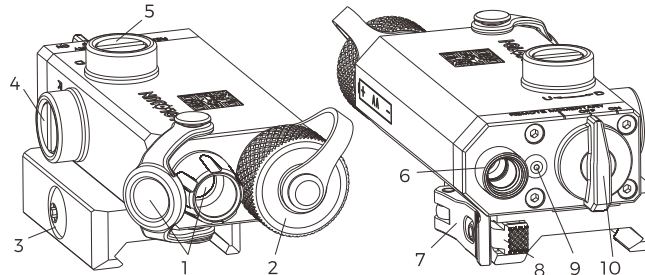


Fig 1

1	Laser and Lens Cover	6	Cable Switch
2	Battery Cap	7	QR Lever
3	Bolt	8	Handle Lock
4	Elevation Adjuster	9	IR Pointer Indicator
5	Windage Adjuster	10	Mode Selector

1.3 PACKING

The package should contain the following items:

- LS117 Lasers Sight
- 1*AA Battery (LS117R/LS117IR) or 2*CR2 Battery (LS117G)
- User manual
- tory tool

2. FEATURES

- The green laser is direct green laser that is more energy-saving, brighter, more stable than DPSS laser.
- The LS117 features the low-battery indicator and IR Pointer indicator.
- Quick Release Mount and additional Pica-tinny rail.
- Waterproofed Remote cable switch.
- Aluminum housing with Microarc oxidation finish.

3. SPECIFICATIONS

Parameter	LS117G	LS117R	LS117IR
Wavelength(nm)	520	635	830
Output Power(mW)	<5	<5	<0.7
FDA Class	IIIa	IIIa	II
Divergence(mrad)	0.5		
Adjustment range	±50MOA		
Battery	2*CR2	AA×1	
Operating Temperature	-40°C~51°C		
Storage Temperature	-40°C~65°C		
Water Proof	Ip67		
Color housing	Desert Sand/ Matte Black		
Length:mm	85		
Width × height:mm	46×36		
Weight: (g)	135		

4. OPERATING INSTRUCTIONS

4.1 SAFTY SUMMARY

WARNING - LASER RADIATION



- DO NOT stare into the laser beams.
- DO NOT look into the laser bean through binoculars or telescopes.
- DO NOT point the laser beam at mirror-like surfaces.
- DO NOT shine the laser beam into other body's eyes.

SAFTY ALERTS

WARNING

- DO NOT store this device with battery installed.
- Ensure the Mode Selector is OFF before checking the Lens.

CAUTION

- Identifies risk of damage to the equipment.
- All the directions are given from the shooter's viewpoint.

- DO NOT over-adjust the W&E adjuster by forcing them beyond their end of travel.

4.2 BATTEY INSTRUCTIONS BATTERY INSTALLATION:

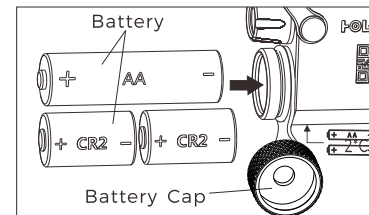


Fig 2

- 1) Unscrew the battery cap in a CCW direction. Remove and properly discard the used battery.
 - 2) Inspect the battery compartment for dirt, moisture and 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 a direction marked on the nearby housing and then screw the battery cap in a CW direction.
- LOW BATTERY INDICATOR:When the sight is switch on either mode V or mode IR, the flickering Visible Pointer or the IR Pointer Indicator represents the low battery situation.

4.3 MOUNTING INSTRUCTION

The repeatability accuracy is less than 2 MOA.

First Use:

- 1) Use screwdriver to loose the mount of LS117 in order to install the LS117on the rail.

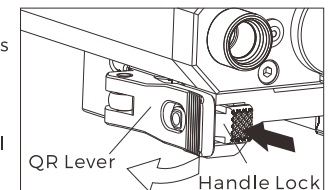


Fig 3

- 2) Open the handle lock and then load the LS117 on the leftward pica tinny rail.
- 3) Latch the handle lock and use screwdriver to adjust the tightness.

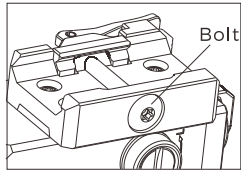


Fig 4

- Repeat Use:
- 1) Open the handle lock and then load the LS117 on the pica tinny rail.
 - 2) Latch the handle lock.

4.4 Mode Switch Instruction

The LS117 has 3 modes. Please make sure the mode selector is at one of 3 modes and do not locate the mode selector at any position between two modes. The IR indicator will work when the IR pointer is on.

- Mode OFF: Visible Pointer or IR Pointer will be OFF.
 Mode ON: The Visible Pointer or IR Pointer will be always ON.

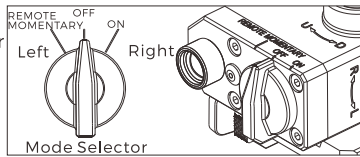


Fig 5

6

5. MAINTAIN

The LS117 is rugged, compact laser device that is designed to operate in severe environments. The exterior housing is made of aircraft grade aluminum and the other components are made of chemically resistant materials that will not be harmed by chemicals normally encountered during military operation. Operator maintenance is limited to the inspection and cleaning of the LS117 external surfaces, replacement of battery before each mission and removal of the battery after each mission.

6. WARRANTY

Holosun will furnish its standard form LIMITED WARRANTY in favor of its customers and the first end users of its products. The LS117 has a one year limited warranty on parts and workmanship from the date of purchase. The warranty is void if the serial number or the manufacturer's labels affixed to the product has been removed or if the product has been misused, modified, neglected or has been disassembled prior to return to manufacturer. To the maximum extent permitted

9

Mode CABLE: The LS117 is controlled by the remote cable switch and is OFF.

REMOTE CABLE SWITCH

INSTALLATION:

Insert the plug of Remote Cable Switch into the socket after matching the interfaces of plug and socket.

OPERATION:

- 1) Momentary On Mode: Single press button of Remote Cable Switch and hold it, the laser will be activated and last until the Switch Button was

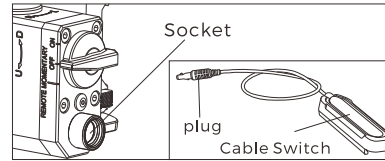


Fig 6

7

released. If the button is pressed over 1 minute, the sight will be OFF.

- 2) Continuous On Mode: Double press the button without holding, the laser will be activated and last 5 minutes and then automatically turn off. The user also can press Switch Button once to turn off the unit manually.

by law, Holosun's election to repair or replace the device shall constitute the purchaser's sole remedy in the event of a defect.

7. NON-WARRANTY INFORMATION

Non-warranty repairs are subject to an evaluation fee. LS117 units that are not covered by the warranty will be tested and evaluated for failure. Customer permission and payment terms will be obtained prior to perform any repairs.

8. RETURN INSTRUCTIONS

- For service, repair or replacement email:warranty@holosun.com, call 909-594-2888.

- Please provide the following information to assist technician to determine if the item is repairable:

- 1) Serial Number of the defective item.
- 2) Thorough description of the malfunction, defect or damage
- 3) An explanation as to how the malfunction, defect or damage occurred, if known.

(NOTE: If the technician determines that the item is under warranty or should be returned for repair, a Return Material Authorization (RMA) number will be provided.)

- LS117 should be followed to prevent any additional damage:

10

4.5 WINDAGE & ELEVATION ADJUSTMENT

The windage and elevation adjustment range is ± 50 MOA. ADJUSTOR

Adjuster	Position	Mark	Direction	Pointer Movement
Elevation Knobs	Top	U	CW	Up
		D	CCW	Down
Windage Knobs	Side	L	CW	Left
		R	CCW	Right

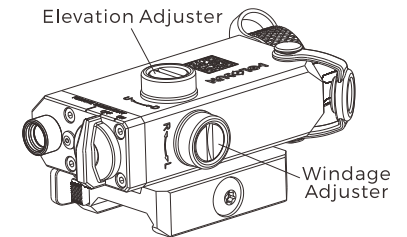


Fig 7

8

ADJUSTMENT

Use wrench or coin to rotate the adjuster as needed according to the instruction table above.

- 1) Be sure that the is free of all contaminants such as dirt or any other foreign material.
- 2) Remove the battery.
- 3) Place the Exit Port Covers over each of the lenses.
- 4) Place the LS117 in the Shipping Case or Carrying Case if available.

If the Shipping Case is not available, individually package each LS117 unit being returned in a suitable container. Place the LS117 and a copy of the test report or detailed description of the failure in a suitable packing/shipping container. Mark the package with the RMA number. Ship the fastest, traceable. Please refer to www.holosun.com for current and complete warranty information.

LS117G/LS117R/LS117IR Single Laser Sight



Holosun Technologies Inc.

Customer Service

www.holosun.com
 (909) 594-2888
warranty@holosun.com

11