## MAINTENANCE

Use a clean, dry cloth to wipe off body and window. Periodically clean and lubricate threads and O-rings using a thin coat of non-migrating, silicon-based lubricants. Avoid using petroleum-based lubricants that can damage O-rings. To remove any accumulated residue from the window, blow any loose particles from window surface, and then rub window surface with a pencil eraser until residue is removed. Shake away eraser rubbings, then wipe window clean with a soft, dry cloth. For additional tips on maintaining your SureFire illumination tool, visit **www.surefire.com/faqs-maintenance**.

## ⚠ BATTERY INFORMATION & WARNING

Before replacing batteries, read the enclosed BATTERY INFORMATION/ WARNING insert in your original packaging. For additional battery safety, handling, and product information, visit www**.surefire.com/batteries**.

## ACCESSORIES

Available with XT07 & DG swith options.
SureFire makes a full line of accessories for most of its illumination tools.

For a complete listing, visit **www.surefire.com/accessories.**

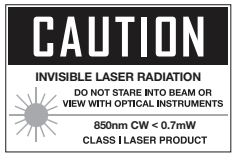
## LASER SAFETY

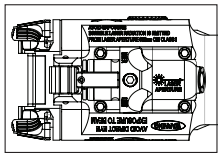
A laser produces a very narrow beam of light, which may cause physical harm to a human being. Subsequently, all lasers are regulated by the federal government. Lasers are classified by the intensity of the light they emit. Operational safety requirements are set by the Food & Drug Administration (FDA) and the Center for Devices & Radiological Health (CDRH) in accordance with the potential hazard to the user. Always follow the following guidelines:

1. Never look directly into the laser beam or stare at it at close range.
2. Never shine the laser in a person's eye at close range.
3. Do not direct the beam at anyone operating a vehicle, boat, or aircraft, as the beam appears very bright (especially at night) in a person's eyes, even at great distances.
4. Be aware that beam can be reflected off of mirrors or shiny surfaces.
5. Use the laser sight only for its intended purpose.

**Do not view laser directly with optical instruments (scopes, binoculars, etc.). Do not attempt to open or modify laser housing. Complies with IEC 60825-1 dated 2007-03, .7 mW, 850 nm CW. Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, dated June 24, 2007.**

**MISUSE OR FAILURE TO EXERCISE CAUTION WHEN OPERATING THIS LASER COULD RESULT IN EYE DAMAGE AND/OR ACCIDENTS.**



**BOTTOM VIEW OF X400V IRc**

## THE SUREFIRE NO-HASSLE GUARANTEE

**We'll do what it takes to keep your SureFire gear running smoothly.**
SureFire warrants that if you — our customer — purchase one of our products, and we determine that it is defective in material and/or workmanship during your lifetime, we will repair or replace it — no hassle!

Our warranty does not cover consumables or normal wear-and-tear — things like batteries draining, headbands and headpads wearing out, ink cartridges running out, and switches wearing out — or damage resulting from abuse, alterations, unauthorized repairs, or use contrary to SureFire's user manuals.

Should you need a replacement product, SureFire reserves the right to replace an obsolete product with a current production, like model. In the event that any issue with a SureFire product is not covered under this warranty SureFire can arrange to have the product repaired for a reasonable fee.

## STANDARD DISCLAIMER

Except as specified above or prohibited by applicable law: all express or implied conditions and warranties, including, without limitation, any implied warranty or condition of merchantability or fitness for a particular purpose, or accuracy of any informational content, are hereby excluded and disclaimed by SureFire; and in no event will SureFire be liable for any special, direct, indirect, consequential, incidental or punitive damages howsoever arising and regardless of the theory of liability, even if advised of the possibility of such damages. Products, prices, availability, specifications, and offers are subject to change or cancellation at any time without notice.

## WARRANTY CLAIMS

For claims, contact Customer Service at 714-545-9444 to obtain a Return Merchandise Authorization number (RMA#). Then package the unit carefully and send to (no CODs):

SureFire, LLC.
Repairs Department, RMA#____
17680 Newhope Street, Suite B
Fountain Valley, CA 92708

SureFire will pay any reasonable shipping costs to return the unit to you.

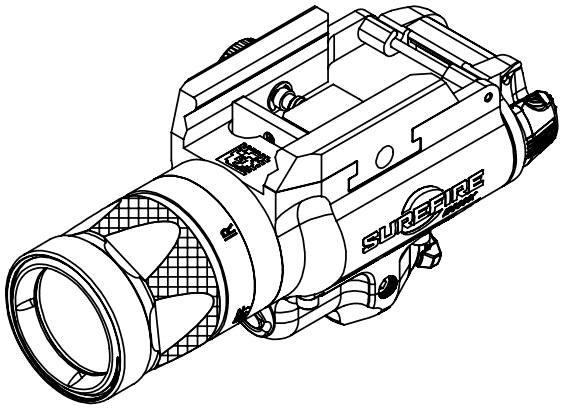
Revision E 02-2019
71-01-938
X400V-B-IRC

18300 MT. BALDY CIRCLE
FOUNTAIN VALLEY, CA 92708-6122
WWW.SUREFIRE.COM

SUREFIRE

# X400V-IRC

WHITE/INFRARED LED + INFRARED LASER WEAPONLIGHT
X400V-B-IRC




| SPECIFICATIONS | | X400V IRc |
|---|---|---|
| OUTPUT | (white light) | 350 lumens |
| | (IR) | 120 mW |
| | (IR laser) | 850 nm @ < 0.7 mW |
| INTENSITY | (white light) | 13,000 candela |
| RUNTIME | (white light) | 2.5 hours |
| | (IR) | 16.75 hours |
| | (IR laser) | 24 hours |
| WEIGHT | | 4.9 oz (139 g) |
| LENGTH | | 4.0 in (10.1 cm) |
| BEZEL DIAMETER | | 1.063 in (27 mm) |

All performance claims tested to ANSI/NEMA FL1-2009 Standard.

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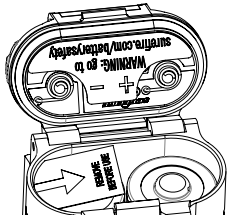
Export and/or release to foreign persons requires prior authorization from the U.S. department of state.

THESE COMMODITIES, TECHNICAL DATA AND/OR SOFTWARE ARE SUBJECT TO EXPORT CONTROLS ADMINISTERED BY THE U.S. GOVERNMENT.
EXPORT AND/OR RELEASE TO FOREIGN ENTITIES MUST COMPLY WITH THE APPROPRIATE U.S. GOVERNMENT REGULATIONS.

USER MANUAL

## BEFORE INITIAL USE, REMOVE BATTERY INSULATOR




## KIT CONTENTS

- X400V IRc WeaponLight
- Tailcap
- Laser Certification Label
- Universal Cross Member (marked "U," installed)
- Picatinny Cross Member (marked "P")
- 5/64" Hex Wrench
- One Set (2 each) Nylok® Replacement Screws
- Two 123A Batteries

## BATTERY INSTALLATION / REPLACEMENT

**⚠ WARNING**

Use of substandard batteries can cause injury or property damage. Visit **www.surefire.com/batterysafety.**

1. Attach Tailcap by aligning cover hinges with X400V IRc's Hinge Pin (Fig. 1) and carefully snapping hinges onto pin.
2. Insert SureFire 123A batteries with terminals oriented as shown on inside of Tailcap (Fig. 1).
3. Close Tailcap until compartment latch clicks, locking cover in place (Fig. 2).
4. To replace batteries, depress latch to open Tailcap and remove and properly dispose of depleted batteries.

*NOTE: X400V IRc must be removed from weapon prior to replacing batteries.*

5. Install two new SureFire 123A batteries and close the Tailcap until it clicks and locks in place.

*NOTE: Replace all batteries at the same time; never mix old and new batteries.*

## MOUNTING X400V IRc TO WEAPON

**⚠ WARNING**

ALWAYS confirm weapon is unloaded and on SAFE before attempting installation.

X400V IRc attaches to both Universal and Picatinny rails but ships with its Universal (marked "U") Cross Member preinstalled. To attach X400V IRc to a Universal accessory rail, skip ahead to **ATTACHING X400V IRc TO ACCESSORY RAIL** instructions. To attach X400V IRc to a Picatinny rail, the Universal Cross Member must first be removed and the included Picatinny Cross Member (marked "P") must be correctly installed as follows:

## INSTALLING PICATINNY CROSS MEMBER

1. Loosen Rail-Adjustment Bolt by turning counterclockwise until Universal Cross Member's wedge is fully exposed (Fig. 3).
2. Remove Universal Cross Member by lifting it out; store in a safe place for future use.
3. Place Picatinny Cross Member into slot vacated by the Universal Cross Member, ensuring the "P" on Cross Member's front edge is facing forward (toward bezel) and wedge is facing rearward.
4. Push Picatinny Cross Member all the way forward and, while holding Cross Member in place, tighten Rail-Adjustment Bolt by turning clockwise until movable Rail Guide overlaps Cross Member wedge, locking it securely in place. Proceed to **ATTACHING X400V IRc TO ACCESSORY RAIL** instructions above.

## ATTACHING X400V IRC TO ACCESSORY RAIL

*NOTE: The appropriate Cross Member MUST be installed ("U" for Universal rails; "P" for Picatinny rails) to attach X400V IRc to a weapon's accessory rail. Some pistols with a MIL-STD-1913 rail may require the Universal cross member to properly interface with the location of the front trigger guard surface.*

1. Adjust gap between stationary and movable Rail Guides by turning Rail-Adjustment Bolt clockwise or counterclockwise until gap is sufficiently wide to fit over weapon accessory rail (Fig. 4).
2. Align Fixed Rail with weapon's accessory rail and hinge X400V IRc over the cross slot of host weapon.
3. Mate Cross Member with corresponding slot in weapon's accessory rail.
4. Secure by turning Rail-Adjustment Bolt clockwise. Turn bolt until the X400V IRc fits snugly onto host weapon rail. Use a coin or flat head screw driver to further tighten bolt no more than a 1/4 turn or until the bolt stops moving. **Do NOT overtighten!** The bolt will break if excessive force is applied with a tool.

## X400V IRc OPERATION

### Mode Switching

X400V IRc has four different modes of operation, including two separate disable positions, which are selected by rotating the Mode-Selector Switch, located behind the laser housing (Fig. 6) to the desired position. Modes include (Fig. 8):

- Light only
- Laser only
- Light and laser together
- Disable (2 positions)

### Light/Laser Activation

**For momentary-on operation,** press and hold either the right or left side of tailcap toggle switch; release to deactivate (Fig. 7).

**For constant-on operation,** rotate tailcap toggle switch up or down; rotate in the opposite direction to deactivate light (Fig. 7).

***IMPORTANT:*** *The Laser Indicator LED (Fig.8) illuminates whenever the X400V IRc's laser sight is activated, both in momentary and constant-on mode. Exercise caution (see LASER SAFETY section) whenever indicator LED is illuminated and IR laser is in use.*

*NOTE: An assortment of weapon-specific remote switches are available for the X400V IRc. Visit* **www.surefire.com/tailcapswitches.**

### Selecting LED Output:

The LED head on the X400V IRc can be switched from white-light to infrared output. A disable mode is located between the white-light and infrared modes to prevent light discharge and for transportation/storage. To change LED output:

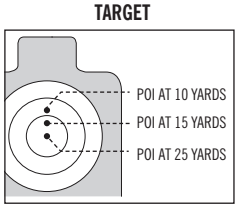


*NOTE: Directions are given from the perspective of user positioned behind the light, holding the weapon at the ready position, and with the light set at the disable-mode position.*

1. Rotate selector ring clockwise to select white-light LED or counterclockwise to select infrared LED (Fig. 4).

## ZEROING/ADJUSTING X400V IRc'S LASER

SureFire recommends zeroing the laser sight at a distance of 25 yards, against a target, to coincide with point-of-aim of the host weapon's factory sights. Any discrepancy in point-of-aim (POA) versus point-of-impact (POI) at target distances between 10 and 25 yards is negligible. Laser sight may require re-zeroing after the first 50 rounds, as the adjustment apparatus may settle into position.




1. While acquiring target with a night vision device (NVD) through host weapon sights at the desired range, determine which direction(s) laser needs to be adjusted for laser dot's position to match weapon's POA.
2. Make the necessary adjustments, using the included 5/64" Hex Wrench to tighten or loosen Windage and/or Elevation adjustment screws (Fig. 7) per below instructions, based on X400V IRc's mounting position (from shooter's perspective) and laser dot's relation to weapon's POA.

*If X400V IRc is mounted at 6 o'clock position and laser dot appears…*

a. …left of POA, loosen Windage screw by turning counterclockwise.
b. …right of POA, tighten Windage screw by turning clockwise.
c. …above POA, tighten Elevation screw by turning clockwise.
d. …below POA, loosen Elevation screw by turning counterclockwise.

*If X400V IRc is mounted at 3 o'clock position (long guns only) and laser dot appears…*

a. …left of POA, tighten Elevation screw by turning clockwise.
b. …right of POA, loosen Elevation screw by turning counterclockwise.
c. …above POA, tighten Windage screw by turning clockwise.
d. …below POA, loosen Windage screw by turning counterclockwise.

*If X400V IRc is mounted at 9 o'clock position (long guns only) and laser dot appears…*

a. …left of POA, loosen Elevation screw by turning counterclockwise.
b. …right of POA, tighten Elevation screw by turning clockwise.
c. …above POA, loosen Windage screw by turning counterclockwise.
d. …below POA, tighten Windage screw by turning clockwise.

3. Once adjustments have been made, use laser to sight target from the designated range and fire several rounds, taking care to steady your aim to minimize any shooter error. Note laser's point-of-aim in relation to weapon's point-of-impact and make any necessary adjustments. Retest and continue to make any adjustments until laser's point-of-aim and weapon's point-of-impact match.

*NOTE: Laser should be recalibrated every time X400V IRc is removed from host weapon.*

4. If adjustments are made frequently, Windage and Elevation adjustment screws may need to be replaced. To replace, unscrew and remove existing screws with included Hex Wrench, then screw in included Nylok® Replacement Screws, and re-zero laser per previous instructions.

FIGURE 1

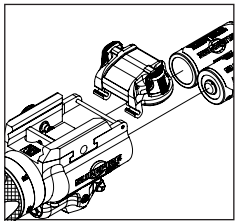


FIGURE 2

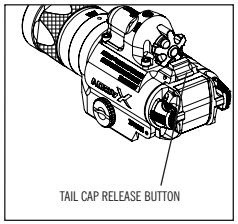



FIGURE 3

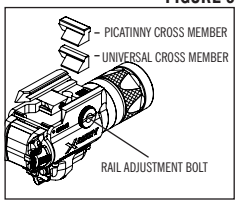



FIGURE 4

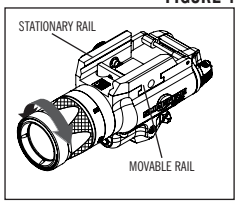



FIGURE 5

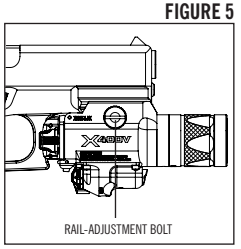



FIGURE 6

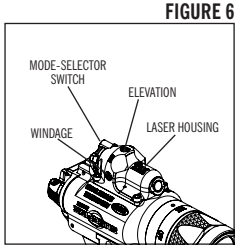
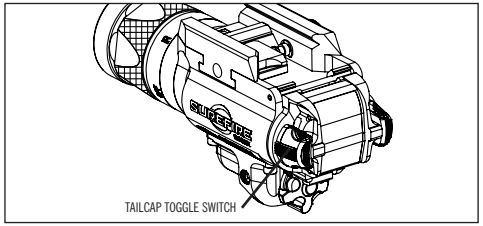



FIGURE 7



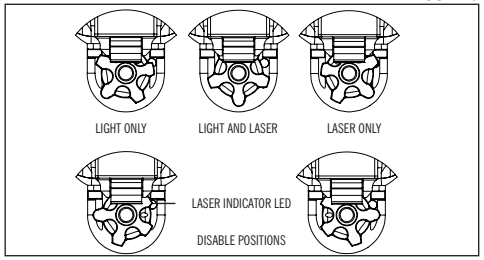


FIGURE 8