



NIGHTSNIPE HUNTING LIGHTS MANUAL



NightSnipeTM

Interchangeable LED colors and additional accessories available for the
NightSnipe Hunting Lights at:

166 Lake Pleasant Road. Attica, MI 48412

www.predatorhunteroutdoors.com

Telephone: 855-766-4364



SAFETY PROVISIONS FOR YOUR NIGHTSNIPE HUNTING LIGHT

Safety Provisions:

WARNING: The NightSnipe Hunting Lights are high intensity light emitting device for adult use only. Keep out of reach of children. Looking directly into the light may damage eyesight.

WARNING: Only use the 18650 NightSnipe batteries provided by Predator Hunter Outdoors. Other brands may explode or leak causing personal injury and damage to your device.

WARNING: Only use NightSnipe brand AC/DC chargers and accessories for charging your 18650 batteries. Other branded devices can cause electrical shock and or damage to your device. Using anything other than NightSnipe branded accessories can cause personal injury or fire and void the manufacturers warranty.

Operative Note: Rechargeable Lithium Ion NightSnipe brand batteries do not reach optimum performance until three charging cycles are completed. Fully charge battery prior to first use. Do not run batteries completely dead, it will damage the batteries. Remove & recharge battery when LED light begins to noticeably dim.

TROUBLE SHOOTING:

Your NightSnipe Hunting Light fails to illuminate or flickers:

1. Check to see if your battery is fully charged.
2. Swap batteries if necessary. Try another battery that may of been provided to eliminate a battery issues.
3. If the batteries fail, try the other tailcap (regular) or (coiled).
4. If the light still isn't working, please contact Predator Hunter Outdoors at 1-855-766-4364 or email Paul@predatorhunteroutdoors.com



OPERATING YOUR NIGHTSNIPE HUNTING LIGHT

BATTERY CHARGING:

Warning: Always monitor batteries while they are charging. NEVER leave batteries unattended.

Insert your NightSnipe battery/s into your provided NightSnipe brand charger with the positive (+) end to the positive (+) end of the charger.

Depending on your charger,

- 4 - Battery Charger: Lights will flash while charging and stay solid when fully charged.
 - 2 - Battery Charger: Lights will be red when charging and turn green when fully charged.
 - 1 - Battery Charger: Lights will be red when charging and turn green when fully charged.
- Depending on battery discharge, fully charging a battery can take from 2-10 hours.



Predator Hunter Outdoors TV Episode 6

Watch Predator Hunter Outdoors TV on Youtube.
www.youtube.com/user/PredatorHuntVideo



4 Port - Battery Charger



2 Port - Battery Charger



Single Battery Charger





NIGHTSNIPE HUNTING LIGHTS HEADLAMP

Battery Installation: On the back side of your headlamp, remove the rubber battery compartment cover and install 1, or 2 batteries with the positive (+) end to the positive (+) end of the compartment. Re-install the rubber compartment cover and your headlamp is ready for operation.



WARNING: NEVER leave batteries in your headlamp when not in use.

NOTE: 1. Depending which NightSnipe Headlamp kit you purchased, your kit was either equipped with 1, or 3 led colors.
Additional LED modules are available.





NIGHTSNIPE HUNTING LIGHTS HEADLAMP

Interchanging your LED on your NightSnipe Headlamp:

1. Grasp the head of your headlamp and remove the end cap housing / reflector by unscrewing in a counterclockwise rotation.
2. Once the end cap is removed, remove the LED module by also unscrewing in a counterclockwise rotation.
3. Remove the large silver spring from the back of the LED, this will need to be transferred to your new LED when re-installing.
4. With your new led in hand, re-install by screwing back into the reflector clockwise.
5. Re-install the large silver spring and re-assemble the whole assembly back into the body of your headlamp.
6. Re-install the back rubberized battery cover.
7. Click your headlamp on by pressing the white power button on the back of the headlamp assembly. Your light will illuminate on low power, click the power button again for high power, click again to shut off.



Trouble Shooting:

1. When interchanging LED module, be sure to transfer the large silver spring. Your light will not function without doing so.
2. After changing your led module the beam of your light is not focused or appears to have a black spot in the center. This can be caused by having 2 vapor seal washers either stuck in the reflector hole, or on top of each other. Be sure only 1 washer surrounding the small LED chip is present.

Vapor Seal Washer





TAILCAP / DIMMER OPERATIONS ON YOUR NIGHTSNIPE HUNTING LIGHT

Step 1: Insert your NightSnipe brand battery positive end in first.

Step 2: Screw on your coiled remote switch.



Slide here to illuminate / dim your light.



- Red light indicates illumination, on / off.

DIMMER SLIDE SWITCH: Press on / off button on the top of the slide switch. You can now slide the switch forward / backwards for desired illumination. The small red indicator light will illuminate red when your lights are on.

DIMMER DIAL SWITCH: Press the dimmer dial down to turn on / off, turn the dial to achieve desired illumination. The small red indicator light will illuminate when your light is turned on.



COILED REMOTE ON / OFF SWITCH: Press the button on the switch to turn the light on / off. Lightly press the on / off button to change from low / high modes.



DIMMER DIAL TAILCAP: Press the dimmer dial to turn on / off, turn the dial to achieve desired illumination.

If the NightSnipe Hunting Light you purchased is NOT equipped with a dimmer dial or a slide switch, please follow these instructions.

1. Tailcap Operations: With the tailcap attached and battery properly installed, “click” the button on the back of the cap to turn your light on. Click again to turn your light off. Lightly press the on/off button to change from low / high modes.

2. Coiled Remote Tailcap: The coiled remote tailcap is designed to be mounted in a position that allows the shooter to turn the light on and off from a natural shooting position. This can be mounted on the forend / hand grip of the weapon to allow for quick light activation and minimal movement.



ADJUSTING THE NIGHTSNIPE LIGHT BEAM

Adjusting the beam of your NightSnipe Hunting Light

(Some NightSnipe Lights do not come equipped with an adjustable beam).

1. Firmly grasp the handle of your Nightsnipe. At the first point above the handle, rotate the head/bell of the light to achieve a focused / tight beam, or open / flood beam. Grasping your light and rotating at the proper location will ensure your adjusting the beam properly and not unscrewing the bezel of your light.



- Fully extended for a focused tight beam.



- Fully pushed back for an open / flood beam.

For instructional & action videos
check out Predator Hunter Outdoors on YouTube.
www.youtube.com/user/PredatorHuntVideo





MOUNTING YOUR NIGHTSNIPE HUNTING LIGHT

If your NightSnipe Hunting Light Kit is equipped with an Adjustable Mount System, you have the ability to mount your light to your scope OR any picatinny rail on your scope or weapon.

1. Remove the top 4 screws on your adjustable mount and place your NightSnipe Hunting Light into place. NOTE: (The wordage on the handle of the light should be showing on both sides of the light, not the top and bottom. This will ensure a proper fit). The top ring can then be replaced and the 4 screws should be tightened equally to ensure proper seating. A maximum of 10 inch lbs of torque should be used when tightening the screws. You can also use the long end of the provided allen wrench to tighten without overtightening.

NOTE: Once your light is secured in the mount, it does not need to be removed when not in use.



- Assembled





MOUNTING YOUR NIGHTSNIPE HUNTING LIGHT

2. Mounting to your Weapon: Now that you have your light mounted in your adjustable mount, you can now mount to any picatinny rail on your weapon.



- Attach to an AR picatinny rail quick and easily.



3. Mounting to your Scope: If you choose to mount to your scope, you can secure the provided picatinny rail ring mount. The picatinny rail ring mount can be used with the provided spacer rings to accommodate a 1-inch scope tube or 30mm tube without the spacers. Once mounted to your scope, the picatinny rail ring mount does not need to be removed. Once in place, you can now attach your adjustable scope mount with light to the top of the picatinny rail ring mount.

- Mount to your scope quick and easily.





ADJUSTING YOUR MOUNT ON YOUR NIGHTSNIPE HUNTING LIGHT

Adjusting your mount will ensure that the focused beam of your NightSnipe Light will align properly with your crosshairs when looking threw your scope. (This will need to be done in the dark).

1. With your NightSnipe Hunting Light properly mounted to your scope or picatinny rail, turn the light on and fully adjust the beam of your light to a fully focused, tight beam.
2. Looking threw your scope, you will then notice if the beam of your light is focused in the center of your crosshairs or needs to be adjusted. If your light is to the left or right of your target, turn the left / right / (windage) adjustment dial when looking threw your scope. If your light is to high or low, use the up / down (elevation) dial to make proper adjustments.

NOTE: Do not over adjust your adjustable mount by overturning the dials in one direction or the other. If the mount starts getting stiff as if it's fully adjusted out, STOP turning the dial. Do not force more clicks out of your mount when it starts to get stiff. If your NightSnipe model did not come with the Adjustable Mount System, mount your weapon with the provided mount be either mounting to your scope tube, barrel, or picatinny rail.



- Adjusted correctly





INTERCHANGING YOUR LED ON YOUR NIGHTSNIPE HUNTING LIGHT

Your NightSnipe Hunting Light is designed to interchange LED light modules available in red, green, white and IR (Infrared 850nm & 940nm).

NOTE: LED modules are designed differently for each NightSnipe Hunting Light. Be sure to purchase the correct led replacement for your specific NightSnipe model.

Changing the LED Module:

1. Remove the battery from your light.
2. Firmly grasp the handle of your light at the first point above the handle and unscrew the large bezel end of the light.
3. This now gives you access to the led module which you can unscrew and replace with your desired color.
4. Once you have re-inserted your new LED module, screw the bezel of your light back on and re-insert the battery.

NOTE: IR Infrared LEDs are only intended to be used with night vision scopes. IR lights is not visible to the human eye and cannot be seen threw your “normal” day time scope.





NIGHTSNIPE WARRANTY INFORMATION FOR YOUR HUNTING LIGHT

NightSnipe Hunting Lights: Warranty Information:

Limited lifetime warranty on the body of the light, THREE-year warranty on the LED, ONE year on parts and accessories to the light such as batteries, charger, mounts, wired tactical tailcaps. Within the 1st year we will repair or replace any item free of charge due to product malfunction and/or defect that is not due to customer abuse or carelessness. After 1 year we will still repair any item that CAN be repaired for a nominal fee of \$25.00 to cover labor and return shipping excluding batteries since they cannot be repaired. If item cannot be repaired, the \$25.00 fee can be used towards the cost for the replacement part. **All warranty repairs will require proof of purchase** (packing slip, paypal statement, ebay point-of-purchase statement) including purchase date.

NightSnipe Hunting Lights: Headlamp Warranty Information:

Limited ONE-year warranty on the entire headlamp assembly. Within the 1st year we will repair or replace the headlamp assembly free of charge due to product malfunction and/or defect that is not due to customer abuse or carelessness. After ONE year we will still repair any item that CAN be repaired for a nominal fee of \$25.00 to cover labor and return shipping excluding batteries since they cannot be repaired. If item cannot be repaired, the \$25.00 fee can be used towards the cost for the replacement part. **All warranty repairs will require proof of purchase** (packing slip, paypal statement, ebay point-of-purchase statement) including purchase date.

The Limited Warranty does not cover abuse, cosmetic damage, or damage due to acts of God, misuse, negligence, improper disassembly or modification of any part of the product. The limited warranty does not cover damage due to the failure to follow proper installation and operating procedures, in addition to the following reasons: Loss of or damage to the product due to abuse, mishandling, alteration, accident, battery leakage, improper battery or charger usage, current fluctuations. The warranty is non transferable, valid only for the original purchaser with proof of purchase. Purchaser MUST return warranty card and copy of receipt within 30 days of purchase.

THE REPAIR OR REPLACEMENT IS THE SOLE REMEDY AVAILABLE, WHETHER IN CONTRACT, IN TORT, OR OTHERWISE ARISING FROM THE FAILURE OF A PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IS HEREBY EXPRESSIBLY EXCLUDED.



18650 RECHARGEABLE BATTERY SAFETY

The 18650 cell contains flammable chemicals such as organic solvents. If the battery is mishandled, it may cause fire, smoke, or an explosion and the batteries functionality will be seriously damaged. 18650 batteries are the most popular lithium-ion batteries. Even though there are many safety precautions, they are surprisingly hardy and safe to use. Each authentic cell is rigorously tested for safety, including one-meter drop tests, before they reach you. Nonetheless, you must treat your 18650 battery with respect.

THE TWO MOST COMMON MISTAKES PEOPLE MAKE:

1. Exceeding your battery's maximum continuous discharge rating.
2. Short circuiting your battery. Don't Place a battery in your pocket or put them somewhere with loose change, metal objects, or other loose batteries.

SAFETY PRECAUTIONS

1. **IMMERSION** - Do not immerse the battery in ANY liquid such as water, ocean water , soda, or beer.
2. **HIGH TEMPERATURE** - Do not use or place the battery near fire or high temperatures (over 70 degrees C).
3. **WRONG CHARGER** - Do not use unauthorized chargers . Max charge should be 4.2 V for most 18650s.
4. **REVERSE POLARITY** - Make sure the + and - poles are oriented correctly. Do not force into the mount.
5. **DIRECT CONNECTION** - Do not connect the battery with AC plug (outlet) or car plugs.
6. **SHORT-CIRCUIT** - Do not connect the+ and - terminals with conductive material. Keep out of pockets.



18650 RECHARGEABLE BATTERY SAFETY

SAFETY PRECAUTIONS CONT.

7. **IMPACT** - Avoid unnecessary impact to the battery. Keep in a hard case during transport.
8. **PENETRATION** - Be careful to not penetrate the battery in any way.
9. **SOLDERING** - Do not directly solder on to the battery: the insulator could melt or damage the vent.
10. **DISASSEMBLY & RECONSTRUCTION** - Do not disassemble the battery. You may damage the protection circuit or worse.
11. **DEFORMATION** - Do not use a battery with conspicuous damage or deformation.
12. **INGESTION** - The battery should be kept away from infants and children.
13. **STORING** - Do not put the battery in the microwave or other cooking appliances.
14. **MIXED USE** - Do not use the battery with other batteries unless they will always be used together .
15. **RUST, COLOR CHANGE** - Stop using battery if there is abnormal smell, heat, deformities, or discoloration.
17. **LEAKAGE** - Do not touch leaking batteries. Battery liquid exposed to your skin or eyes could cause significant damage.
18. **TRANSPORT**-To prevent short-circuits or damage, tightly pack the battery in a case or box.
19. **DIRECT SUNLIGHT**- Do not use or leave the battery in excessive heat such as in a car in direct sunlight.
20. **STATIC ELECTRICITY** - Do not use batteries where it generates more than 100V of static electricity.
21. **CHARGING TEMPERATURE** - The charging temperature range is regulated between 10 and 45 Celsius.
22. **MANUAL** - You should read both the manual for your device and the battery charger before use.
23. **FIRST TIME USE**- If battery has unusual odor, heat generation, or rusts, contact vendor.
24. **FLAMMABLE MATERIALS** - Do not charge or discharge near flammable materials”
25. **LEAKAGE ON SKIN** - If leakage gets on skin or clothing, flush with water to help prevent irritation.
26. **INSULATION** - If wires or metal objects come out from battery, please seal and insulate them.
27. **RECYCLE** - Recycle battery at local battery drop-off point or contact vendor you bought from.

NIGHTSNIPE HUNTING LIGHT WARRANTY CARD

(Warranty card must be mailed within 30 days of purchase for warranty to be valid)

COPY OF RECEIPT MUST BE INCLUDED WITH WARRANTY CARD.

Name: _____ Telephone: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Name of Business where purchased: _____

Purchased Date: ____/____/____

Invoice/Purchase number from dealer: _____

COPY OF RECEIPT MUST BE INCLUDED WITH WARRANTY CARD.

Send to:

**Attn: Warranty Claims
Predator Hunter Outdoors
166 South Lake Pleasant Rd.
Attica, MI 48412**



Keep hunting after the sun goes down!!!