

Night Trek

NIGHT VISION SPOTTING SCOPE



u s e r ' s g u i d e

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**AMERICAN
TECHNOLOGIES
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FEATURES

- Powerful 5x magnification
- High resolution Gen 1+, Image intensifier tube
- Built in Flood infrared illuminator
- Lightweight
- Water and fog resistant
- Limited Lifetime warranty

SPECIFICATIONS

Total Darkness Technology	Standard
Magnification	5X
Intensifier Tube	High Res. 1st Gen +
Detection Range	150 m/yards
Recognition Range	100 m/yards
Lens System	F1:1.2, 50 mm
FOV	10°
Diopter Adjustment	±4
Resolution	40 lp/mm
Power Supply	Two 1.5 Volt Battery(AA)
Range Of Focus	1.5 m to Infinity
Battery Life	10-20 Hours
Operating Temperature	-25°C to +40°C
Dimensions	240 mm X 60 mm X 80 mm
.....	10" X 2.3" X 3.2"
Weight	0.52Kg/18Oz

APPLICATION

The Night Trek has the highest magnification of a 1st generation monocular available. An amazing 5x power combined with a compact, ergonomic design makes the Night Trek an excellent unit for your night vision needs.

A 5x magnification all glass lens system combined with a high quality 1st generation + light intensifier tube gives you a bright and sharp image in any dark situation you may find yourself in. A free long-range infrared illuminator is also included to let you see even in total darkness.

Do not let darkness impair your vision for a moment longer. Whether you are camping, boating, observing wildlife or surveying your property for intruders the Hight Trek night vision device lets you see what goes bump in the night.

The Hight Trek Night Vision Monocular is a complex optoelectronic system for individual use. The device consists of an objective lens assembly, eyepiece and a body. The body contains 1st Gen.+ image intensifier tube assembly with an integrated high voltage power source and the three volt battery housing. When installing the battery one should keep in mind that the battery polarity should coincide with the diagram on the body next to the battery housing cap.

Objective lens protective cover is intended to protect objective lens from dust and scratches. It also will act as a daylight filter, allowing you to test the scope in daylight or other bright light situations. The pinhole in the center of the protective cover allows a user to check an operation ability of the device in daylight conditions.

NOTE: Do not test the scope in daylight conditions even with the daylight filter/lens cap on for more than ten (10) minutes.

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OPERATION

- Take the monocular out of the case.
- Put power switch and IR illuminator power switch in OFF-position.
- Install the batteries into the housing with the polarity order as shown on the scope. Battery Type: 1.5 Volt , AA .
- Turn on the device by turning the power switch into the ON-position. The greenish-lit screen of the image tube (when looking through the eyepiece) means that the image tube is powered. Do not turn the unit on in the daytime without the protective lens cap on. You should see green glow in the eyepiece.
- Observe the scene and adjust the diopter for optimal image clarity.
- Turn lens to obtain a sharp image of viewed objects.
- You may now enter a dark environment or simply shut the lights off in order to darken the room.
- Next, remove the lens cap/daylight filter. Adjust the front lens for the distance of the focus. You should not have to readjust the diopter.

NOTE: We suggest that you focus the diopter during daylight with the filter on.

NOTE: The front lens should be readjusted as you view objects at different distances.

INFRA-RED ILLUMINATOR

Infra-red (IR) illuminators, are common to night vision. The IR light greatly enhances the performance of the Night Trek while remaining almost totally invisible to the naked eye. The IR illuminator on the Night Trek is located next to the front lens.

Slide the switch to turn on or off the IR illuminator.

It is important to remember that the IR illuminator is simply an infra red light source, and like any light source, it may lose its effectiveness over a great distance.

WARNINGS AND CAUTIONS

- Always remember to turn off the Night Trek when it is not in use. If you do not plan on using your unit for a period of more than 10 days, you should remove the batteries.
- **Keep lens cap/daylight filter on when not in use.**

- Avoid contact with dust, steam, and gas.
- The Night Trek is not harmful to the user or the environment.
- Do not disassemble except to clean the front lens and the eyepiece: **it will void your warranty.**
- Evaluate the scopes function by looking through it in a lit environment with the daylight filter lens cap on. Never use in daylight without the daylight filter lens cap on. Do not surpass ten minutes of testing.
- **Never point the Night Trek at a bright light source.** If the scope shuts off automatically after directing it at a bright light source, turn the unit off and wait 1 - 2 minutes before turning the unit back on.
- Adverse atmospheric conditions such as fog, smog, or haze and a lack of ambient light (moon or starlight) may diminish the effective viewing distance. All technical data for this unit was compiled in a controlled environment.
- If you use the rubber eyecaps for a long period of time, you may suffer skin inflammation. If you develop any symptoms, consult a doctor immediately.

TROUBLE SHOOTING

- Q:** Flashes, flickers or clicking occur while operating
- S:** If it occurs within the first five minutes of inserting new batteries, it is normal and the device will resume normal operation soon thereafter. If it occurs for more than 10 minutes, contact for service instructions.
- Q:** Dark spots on screen.
- S:** These are either cosmetic blemishes in the intensifier tube or dust particles.
- Q:** Screen becomes darker than at previous use.
- S:** Replace batteries. If problem persists, contact your dealer or other authorized service representative for service instructions.
- Q:** Image not clear.
- S:** Adjust objective lens, and/or the eyepiece. such implied warranties are hereby and expressly disclaimed.

ATN LIMITED LIFETIME WARRANTY

ATN Limited Lifetime Warranty is limited to the product being free of manufacturer defects in materials and workmanship. In regards to night vision products the image intensifier tube is warranted to be free from manufacturer defects for a period of 2 years (defects do not include minor black spots or blemishes in viewing area). ATN will repair or replace said products or part thereof which upon inspection by ATN are found to be defective in materials or workmanship. As a condition to the obligation of ATN to repair or replace said product, the product must be returned to ATN together with proof-of-purchase satisfactory to ATN. This warranty does not cover damages caused by misuse or improper handling. This warranty is null and void if modification or maintenance is provided by parties other than ATN Corp. In the event a defect that is covered by the foregoing warranty occurs during the applicable period stated above, ATN, at its option, will either repair or replace the product, and such action on the part of ATN shall be the full extent of ATN's liability, and the Customer's sole and exclusive remedy. This warranty does not cover a product (a) used in other than its normal and customary manner; (b) subjected to misuse; (c) subjected to alterations, modifications or repairs by the Customer or by any party other than ATN without prior written consent of ATN; (d) special order or "close-out" merchandise or merchandise sold "as-is" by either ATN or the ATN dealer; or (e) merchandise that has been discontinued by the manufacturer and either parts or replacement units are not available due to reasons beyond the control of ATN. ATN shall not be responsible for any defects or damage that in ATN's opinion is a result from the mishandling, abuse, misuse, improper storage or improper operation, including use in conjunction with equipment which is electrically or mechanically incompatible with or of inferior quality to the product, as well as failure to maintain the environmental conditions specified by the manufacturer. **CUSTOMER IS HEREBY NOTIFIED THAT OPERATION OF THE EQUIPMENT DURING DAYLIGHT HOURS OR UNDER ANY EXCESSIVE LIGHT CONDITIONS MAY PERMANENTLY DAMAGE THE INTERNAL COMPONENTS OF THE UNIT AND SAID DAMAGE WILL NOT BE COVERED UNDER THIS WARRANTY.** This warranty is extended only to the original purchaser. Any breach of this warranty shall be waived unless the customer notifies ATN at the address noted below within the applicable warranty period.

The customer understands and agrees that except for the foregoing warranty, no other warranties written or oral, statutory, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose, shall apply to the product. All such implied warranties are hereby and expressly disclaimed.

LIMITATION OF LIABILITY

ATN will not be liable for any claims, actions, suits, proceedings, costs, expenses, damages or liabilities arising out of the use of this product. Operation and use of the product are the sole responsibility of the Customer. ATN's sole undertaking is limited to providing the products and services outlined herein in accordance with the terms and conditions of this Agreement. The provision of products sold and services performed by ATN to the Customer shall not be

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PRODUCT WARRANTY REGISTRATION

In order to validate the warranty on your product, ATN must receive a completed Product Warranty Registration Card for each unit. Please complete the form below and immediately mail it to our Service Center: ATN Corporation, 1341 San Mateo Avenue, South San Francisco CA 94080. Products qualifying for warranty repair will be either repaired or replaced within 10 business days of receipt of merchandise unless the customer is notified otherwise.

OBTAINING WARRANTY SERVICE

To obtain warranty service on your unit, take or send the product, postage paid, with a copy of your sales receipt to our service center, ATN Corporation at the address noted above. All merchandise must be fully insured with the correct postage; ATN will not be responsible for improper postage or, missing or damaged merchandise during shipment.

For customer service and technical support, please contact
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