

Night Trek 3x

Night Trek 5x

NIGHT VISION MONOCULAR



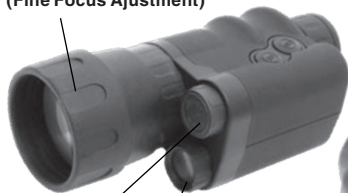
user's guide

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**AMERICAN
TECHNOLOGIES
NETWORK
CORP.**

**Objective Lens
(Fine Focus Adjustment)**



Battery Housing

**Built-in
IR illuminator**

**Power indicator
(Red LED)**

**IR indicator
(Green LED)**

**IR On/Off
digital control**

**Power On/Off
digital control**



**Rear Ocular
(Diopter Adjustment)**

FEATURES

- 3x/5x magnification
- High resolution Gen 1+ Image intensifier tube
- Built-in infrared illuminator
- Lightweight
- Water and fog resistant
- Limited Two-Year Warranty

CAUTION:

**THIS PRODUCT CONTAINS NATURAL RUBBER LATEX WHICH MAY
CAUSE ALLERGIC REACTIONS.**

Manual (Night Trek 3X/Night Trek 5X) Revision 1 - Januar 2009

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SPECIFICATIONS

	Night Trek 3X	Night Trek 5X
Image intensifier tube classification	Gen1+	
Magnification	3x	5x
Lens diameter	42 mm	52 mm
Field of view	15°	12°
Resolution	40 lp/mm	
Focus range	1 yard/m to inf.	5 yard/m to inf.
Eye relief	10 mm	12 mm
Diopter adjustment	±5	
Power supply	3V(CR123A)	
Estimated battery life (w/out IR)	up to 30 hours	
Operating temperature	-22°F to +140°F/ -30°C to +60°C	
Dimensions	6.9 x 3 x 2.5"/ 175 x 76 x 64 mm	7.2 x 3 x 2.5"/ 183 x 76 x 64 mm
Weight	1.0 lb/ 450 g	1.1 lb / 500 g

* ATN reserves the right to change the above specifications at any time without notice

APPLICATION

For today's budget conscious outdoor enthusiast ATN presents Night Trek night vision monoculars. The Night Trek 3x is a compact first generation night vision monocular that provides the user with superior clarity and a high light gain at a minimal cost.

The Night Trek 5X 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.

The NightTrek 3x/5x is perfect for camping, boating, or home security.

BATTERY INSTALLATION

Unpack the device. Put switch in the OFF position. Attach the carrying strap if necessary. Insert the battery, as follows:

- 1) Take off the battery compartment cover.
- 2) Insert the battery in the battery compartment observing the right polarity, which is giving on the bottom of the battery compartment.
- 3) Put in place battery compartment cover .

After installing the battery, Night Trek is ready for use.

OPERATION

To check the device in daytime conditions:

- Make sure the lens cap is on.
- Turn on the device by putting switch in the ON position.

After this you can start observing. The greenish-lit screen of the image tube means that the device is working normally.

- Direct the device at an object located 15-25 yards/m from you and obtain a sharp image by turning eyepiece.

To check operation of the IR illuminator:

- Turn on the IR illuminator by putting switch in the ON-position.
- Through the protective glass of IR illuminator you will see the red light of the operating LED diode, besides IR Illuminator ON-indication on the eyepiece's side must be on.
- Turn off the illuminator by putting switch in the OFF-position.

CAUTION

NEVER OPERATE YOUR NIGHTVISION DEVICE IN DAYLIGHT AREAS WITHOUT THE LENS COVER ON!

NEVER DIRECT THE LENS IN THE DIRECTION OF BRIGHT LIGHT!

Turn on the device by putting switch in the ON-position. The greenish-lit screen of the image tube (when looking through the eyepiece) means that the image tube is powered.

When using the device at night or in dark rooms take the lens cover off. Operating without the lens cover on is admissible only at the illumination level of no more than 1 Lux (at this illumination one can read a newspaper text with difficulty after 5-10 min. of eyes adaptation that is twilight and darker).

Turn eyepiece to ensure clear screen image.

Turn lens to obtain a sharp image of viewed objects.

In extremely dark environment (no star or moon light in a basement or cave) turn on IR illuminator by putting switch in the ON-position.

After using the Night Trek do not forget to turn off the device and the IR illuminator by putting switches in the OFF-position. Please note that after

turning off the device the screen stays luminous for 5-10min. Secure the lens with the lens cover.

Do not keep the battery in the battery compartment when not using the device for a long time. This will prevent leakage of the battery and damage of contacts in the battery compartment.

STORAGE AND CARE

- If the device will not be in use for extended period of time (more than 10 days) remove the battery.
- Avoid touching of lenses. If fingerprints or traces of dirt or dust appear, clean their surface with a Photographic lens cleaning tissue.
- Keep lens cap/daylight filter on when not in use.
- The Night Trek is not harmful to the user or the environment.
- Do not disassemble except to clean the front lens and eyepiece: **it will void your warranty.**
- Evaluate the scope functionality 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.**
- **Never point the Night Trek at a bright light source.**
- Adverse atmospheric conditions such as fog, smog, or haze and a lack of ambient light (moon or starlight) may diminish the effective viewing distance.
- 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.

TROUBLESHOOTING

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.

2 YEAR PRODUCT WARRANTY

This product is guaranteed to be free from manufacturing defects in material and workmanship under normal use for a period of 2 (two) years from the date of purchase. 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 interpreted, construed, or regarded,

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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 or complete warranty registration on our website at www.atncorp.com. Please complete the included form and immediately mail it to our Service Center: ATN Corporation, 1341 San Mateo Avenue, South San Francisco, CA 94080.

OBTAINING WARRANTY SERVICE

To obtain warranty service on your unit, End-user must notify ATN service department by calling **800-910-2862** or **650-989-5100** or via e-mail **service@atncorp.com** to receive a Return Merchandise Authorization number (RMA). When returning please 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. When sending product back, please clearly mark the RMA# on the outside of the shipping box. Please include a letter that indicates your RMA#, Name, Return Address, reason for service return, Contact information such as valid telephone numbers and/or e-mail address and proof of purchases that will help us to establish the valid start date of the warranty. **Product merchandise returns that do not have an RMA listed may be refused or a significant delay in processing may occur.** Estimated Warranty service time is 10-20 business days. End-user/customer is responsible for postage to ATN for warranty service. ATN will cover return postage/shipping after warranty repair to end-user/customer only if product is covered by aforementioned warranty. ATN will return product after warranty service by domestic UPS ground and/or domestic mail. Any other requested or required shipping method the postage/shipping fee will be the responsibility of the end-user/customer.



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