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# **IR NIGHT VISION DEVICE 3X25/5X50**

## **Operating Instructions**



Item No. 80-50151/80-50152



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## What's Included

- A. 3x25 Night Vision Device
- B. Case
- C. Wrist Strap



## Parts Overview

1. Infrared illuminator
2. Objective
3. Ocular
4. Decrease brightness (Infrared illuminator/image display)
5. Increase brightness (Infrared illuminator/image display)
6. Power On/Off
7. Battery compartment
8. Status LED (illuminated)

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## General Information



These operating instructions are to be considered a component of the device. Please read the safety instructions and the operating

instructions carefully before use.

Keep these instructions for renewed use at a later date. When the device is sold or given to someone else, the instruction manual must be provided to the new owner/user of the product.



### **DANGER!**

You will find this symbol in front of every section of text which deals with the risk of severe injury or even death in the event of improper use.



### **NOTE!**

You will find this symbol in front of every section of text which deals with the risk of damage to property or the environment.

### **Intended Use**

This product is intended only for private use. It was developed for the magnified display of things in nature.

### **General Warnings**



### **NEVER LOOK DIRECTLY AT THE SUN**

Never use this device to look directly at the sun or in the direct proximity of the sun. Doing so may result in a risk of blindness.



### **CHOKING HAZARD!**

Children should only use the device under adult supervision. Keep packaging material, like plastic bags and rubber bands, out of the reach of children, as these materials pose a choking hazard.



### **RISK OF FIRE/EXPLOSION!**

Do not expose the device to high temperatures. Use only the recommended batteries. Do not short-circuit the device or batteries, or throw them into a fire. Excessive heat or improper handling could trigger a short-circuit, a fire or an explosion. Do not place the device, particularly the lenses, in direct sunlight. The concentration of light could cause a fire.



### **RISK OF ELECTRIC SHOCK!**

This device contains electronic components that operate via a power source (power supply and/or batteries). Children should only use the device under adult supervision. Only use the device as described in the manual; otherwise, you run the risk of an electric shock.



### **RISK OF CHEMICAL BURN!**

Leaking battery acid can lead to chemical burns. Avoid contact of battery acid with skin, eyes and mucous membranes. In the event of contact, rinse the affected region immediately with plenty of water and seek medical attention.

## **!** ATTENTION!

Do not disassemble the device. In the event of a defect, please contact your dealer. The dealer will contact the Service Center and can send the device in to be repaired, if necessary. Use only the recommended batteries. Always replace weak or empty batteries with a new, complete set of batteries at full capacity. Do not use batteries from different brands or with different capacities. The batteries should be removed from the unit if it has not been used for a long time.

## **Privacy PROTECTION!**

The night vision are intended only for private use. Please heed the privacy of other people. Do not use them to look into apartments, for example.

## **Parts Overview**

1. Infrared illuminator
2. Objective
3. Ocular
4. Decrease brightness (Infrared illuminator/ image display)
5. Increase brightness (Infrared illuminator/ image display)
6. Power On/Off
7. Battery compartment
8. Status LED

## **Features**

- This night vision device features an integrated infrared illuminator. The brightness is adjustable by pressing the appropriate buttons (4, 5).
- The brightness of the image display can also be adjusted by pressing the appropriate buttons (4, 5).
- The device magnifies residual light to create

an image when the infrared illuminator is switched off. Observations in total darkness are possible when the infrared illuminator is switched on.

- In low light conditions, the maximum range of finding an object for observation is more than 200 yards. In total darkness, with infrared illumination switched on, the range of finding an object is more than 60 yards.
- The device will automatically power off after 2 minutes if no button is pressed. This function is last display brightness and infrared illuminator settings used before it was turned off.
- Three high-capacity AA batteries are needed. Operating time with these batteries is about 6 hours when the infrared illuminator is switched off. With the infrared illuminator turned on, operating time is reduced to about 4 hours. (Batteries not included.)

## Operation

Line up the device with an object that is 20-30 yards away. Look through the eyepiece (3) and turn it until the black frame of the screen is clearly visible. Adjust the focus to ensure a clear image of the object by turning the objective lens (2). When adjusting the observation distance, you will achieve a higher quality image simply by turning the objective lens (2). No further turning of the eyepiece (3) is required, your device is now set-up and ready to use.

## Multifunction button (3 functions):



- Power On
- Automatic Power Off function (APO)
- Power Off





**Power On:** The device can be turned on by pressing the button for 1-2 seconds.

The status LED will start flashing green at 1-second intervals when the power is on.

**Automatic Power Off (APO):** When the APO function is turned on, a short press (less than 1 second) of the button switches off the APO function. If the APO function is switched off, the green status LED will remain lit instead of flashing.

**Power Off:** Press the button for 3 seconds to switch off the device. When the APO function is off, a short press of the button (less than 1 second) is sufficient to power off the device.

**Note:** When the device is switched off, long presses of more than 3 seconds will be

treated as operating mistakes and the device will not turn on.



**Multifunction button** (3 functions):

• Infrared illuminator On



- Increase brightness of the infrared illuminator
- Increase brightness of the image display

**Increase brightness of the infrared**

**illuminator:** When the infrared illuminator is switched off (red status LED off), a single press (more than 1 second, and less than 3 seconds) of the button turns it on. The red status LED then lights up.

When the infrared illuminator is on (red status LED lit), you can increase the brightness by approx. 20% with each press (more than 1 second, and less than 3 seconds) of the button, until the brightness is 100%. After reaching 100%, long presses will have no effect. You can quickly increase the brightness of the infrared illuminator with a single long press of more than 3 seconds, until it has reached 100%. The red indicator will be lit during this operation. After reaching 100%, long presses will have no effect.

#### **Increase brightness of the image display:**

When the device is turned on, you can increase the brightness of the image display by 10% with each short press (less than 1 second) of the button, until the display reaches 100%. After reaching 100%, short presses will have no effect.

#### **Multifunction button (3 functions):**



- Infrared illuminator Off
- Decrease brightness of the infrared illuminator
- Decrease brightness of the image display

#### **Decrease brightness of the infrared illuminator:**

When the infrared illuminator is on (red status LED lit), a single press (more than 1 second, and less than 3 seconds) of the button decreases the brightness of the infrared illuminator by approx. 20%. This can be repeated until the brightness reaches 0% and the infrared illuminator switches off. The red status LED then switches off as well. After turning off, long presses will have no effect.

When the infrared illuminator is on (red status LED lit), a single long press of more than 3 seconds quickly extinguishes the infrared

illuminator, and the red status LED switches off. After turning off, long presses will have no effect.

### **Decrease brightness of the image display:**

When the device is turned on, you can decrease the brightness of the image display by 10% with each short press (less than 1 second) of the button, until the brightness reaches 0%. After reaching 0%, short presses will have no effect.

## **DISPOSAL**



Dispose of the packaging materials properly, according to their type, such as paper or cardboard. Contact your local waste-disposal service or environmental authority for information on the proper disposal.



In accordance with the regulations concerning batteries and rechargeable batteries, disposing of them in the normal household waste is explicitly forbidden. Please make sure to dispose of your used batteries as required by law — at a local collection point or in the retail market. Disposal in domestic waste violates the Battery Directive. Batteries that contain toxins are marked with a sign and a chemical symbol.



Cd<sup>1</sup>



Hg<sup>2</sup>



Pb<sup>3</sup>

<sup>1</sup> battery contains cadmium

<sup>2</sup> battery contains mercury

<sup>3</sup> battery contains lead

## **WARRANTY & SERVICE**

Warranties Listed Below apply to the following Branded Products:

National Geographic, Laser Range Finder, Cameras and Electronics: 90 Day Warranty

\*Limited\* USA One Year Warranty with Registration

To register your product visit:

[www.explorescientific.com/customerservice/productregistration.php](http://www.explorescientific.com/customerservice/productregistration.php)