RongLand
Digital Night Vision Device
Digital+ Series
NV-440D+/NV-650D+/NV-760D+

Instruction Manual
RongLand

Digital Night Vision Device

Warranty Details

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months distributor warranty from the purchase date. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion.

The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the The Sale and Supply of Goods to Consumers Regulations 2002 (UK).

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
Dear customer,

Congratulations on purchasing a high quality RongLand® product.
You have acquired a modern Digital Night Vision Device with excellent technical features and respective accessories, which is particularly easy to operate. Please study all notices carefully and diligently. Please study this information in detail observing, in particular, the safety instructions.

The device comes with a 1 year warranty. In case of a defect in the night vision device, please contact the distributor; you will be required to present the proof of purchase.
Keep it in a safe place together with the Instruction Manual.
Please include the Instruction Manual when passing the night vision device on to a third party.

1. Contents of box

Carefully unpack the night vision device and check that all of the following components are contained in the box:

2. 3 Batteries type CR 123A
3. 4 GB microSD memory card with SD card adaptor
4. Video cable
5. Pouch
6. Cleaning cloth
7. Instruction manual

Notice: 12 months warranty from the purchase date

Note: Caution! Keep plastic foil and bags away from babies and small children-danger of suffocation.
2. Contents

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3. Hazard, safety and warning notices

Incorrect use of the night vision device and accessories can be dangerous for you and others and can damage or destroy your device. We therefore ask you to read and strictly observe the following Hazard, safety and warning notices.

Intended use
► This night vision device has been designed for private use and is not suitable for commercial purposes.

Hazards for children and persons with limited ability to operate electronic equipment
► This night vision device, accessories and packaging are not toys for children. These should therefore always be kept away from children. Danger of electrocution, poisoning and suffocation.
► Night vision device and accessories may not be used by children and persons with limited ability to operate devices. The night vision device may only be used by persons physically and mentally able to operate it safely. Children should be supervised to ensure that they do not play with the device.

Electrocution hazard in wet and humid conditions
► Do not place any containers filled with liquid, such as vases or glasses on top or immediately next to the device. Danger of fire and electrocution.

Electrical hazard
► Switch off the device and remove batteries if a foreign object or liquid has entered the night vision device. Let all parts dry thoroughly. Otherwise danger of fire or electrocution.
► Switch off the device and remove batteries if night vision device has been dropped or housing is damaged. Otherwise danger of fire or electrocution.
► Do not dismantle, modify or repair your night vision device. Danger of fire and electrocution.
Damage from heat - fire hazard

► Do not leave your night vision device in places that are susceptible to considerable increases in temperature (e.g. a vehicle). The housing and internal parts may be damaged, which in turn could cause a fire.

► Do not cover your night vision device or place it on textiles. This could produce a buildup of heat in the night vision device that can cause deformation of the housing and may represent a fire hazard.

Hazards of using batteries

► Remove batteries from the night vision device if it will not be used for a longer period of time.

► Do not remove battery immediately after the night vision device has been used for a longer period of time. Batteries may become hot during use.

► Risk of explosion in case of incorrect changing of batteries or use of wrong type of batteries. Always check correct polarity when inserting the batteries. So only use batteries of type CR 123A.

► Never expose battery to excessive heat, such as direct sunlight, fire, etc., danger of fire. Consequently do not store batteries near fire, ovens or other heat sources.

► Keep batteries out of reach of children.

► Consult doctor immediately if battery has been swallowed.

► Do not throw batteries into fire, short circuit batteries or take batteries apart. Danger of fire and explosion.

► Batteries must be disposed of in line with the Battery Directive.

► Never store or transport a battery in your pocket/tool box or similar, where it could come into contact with metal objects.

► Should the batteries have run out at any time, remove them from the battery compartment with the help of a cloth and dispose of then properly. Avoid battery acid coming into contact with eyes. In case of contact with eyes, rinse eyes with plenty of water and contact doctor immediately.

► Remove the batteries before disposing of your night vision device.
Injuries and material damage
► Do not aim your night vision device at strong sources of light like car headlights or street lights.
► When moving your night vision device from a cold into a warm environment, wait at least 3 hours before using it. The device can condense moisture that can damage the electronics when the device is used before it is acclimatised.
► Only place your night vision device on sturdy surfaces. Your night vision device could otherwise fall or topple over, causing damage or injury.
► Do not operate your night vision device whilst running or driving. You could fall or cause a traffic accident.
► Do not place any open ignition sources such as burning candles on or near the night vision device.
► Damage to the electronics or lens caused by extraneous effects such as knocks, falls or others are not covered by the guarantee and will be charged for.
► Do not drop or bump night vision device and always handle it with due care. Otherwise it can be damaged.
4. This is your night vision device

4.1. View from left

- Objective Lens
- IR lens
- Tripod thread
- Status LEDs
- Record/Replay Start/Pause/Stop
- Video Start/Pause
- Taking photos
- Video/Photo mode button

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12 MONTH WARRENTY
4.2. View from right

- Battery compartment
- Objective Lens
- Eyepiece
- IR lens
- Memory card compartment and TV/DC connection
- On/Off switch
- Tripod thread

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12 MONTH WARRENTY
4.3. Inserting the memory card

A microSD/microSDHC must be installed before operating the night vision device. Please install it in the night vision device as shown in the following illustration. Ensure that the labelled side of the memory card faces the battery compartment and that the contacts of the memory card are inserted first.

Press the memory card into the night vision device until you hear it click in.

To remove, push on memory card again. The memory card then slides partially out of the night vision device and can be removed.

Note:

- Format the memory card in a computer before using it in a night vision device for the first time.
- MicroSD and microSDHC memory cards up to 16 GB can be used.
4.4. Inserting the batteries

On the eyepiece side of the night vision device, open the battery compartment cover by removing the screw completely and then lifting off the cover. Remove any batteries and install new type LIR123A batteries as shown in the illustration. Ensure correct polarity of the batteries.

After inserting the batteries, close the battery compartment cover again by replacing the cover and tightening the screw completely. If the symbol [m] appears in the display, the batteries no longer have sufficient power. The batteries should then be replaced.
4.5. Connection to TV

You can connect the night vision device to a TV set with the help of the TV cable supplied with it.

Connect the TV cable to the night vision device and the TV set as shown in the following illustrations and switch the night vision device on. On the TV set, select the AV port in use as the source. The monitor image will then be displayed directly on the TV set.

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5. Using the night vision device

5.1. Settings

The RongLand NV-440D+/NV-650D+/NV-760D+ Digital night vision device has a total of three setting options to sharpen the presentation of the subject. Switch the night vision device on via the On/Off button. Like on binoculars, you can set the device to suit your personal eyesight by turning on the eyepiece (1). Once you have adjusted the device to suit your eyesight, you no longer need to change that setting. (2) The equally rotating lens lets you focus on objects in the viewing angle of your night vision device. (3) Your night vision device will autor change to the infrared model at night. This is How you focus via the IR lens.

Note:
• Avoid aiming your night vision device at strong sources of light like the sun. Your eyes may be injured or the device damaged.
5.2. Functions

The RongLand NV-440D+/NV-650D+/NV-760D+ Digital night vision device can be used like conventional binoculars during the day. At night, the IR lens captures the residual light available, boosts it and displays the image produced on the monitor.

When looking through the monitor after switching your night vision device via the On/Off button, you will see various symbols beside the motif.

1. At (1) the video mode [ ] or photo mode [ ] will be displayed. You can change the recording mode by briefly pressing the [ ] button. In the photo mode, briefly press the [ ] button to take a photo.

2. In the video mode you can also start video recording using the [ ] button. Press the [ ] again to pause the recording. You can end the video recording via the[ ] button.

3. (2) in the video mode shows the maximum recording time and in the photo mode the number of photos still possible. The value in each case depends on the space available on the memory card.

4. (3) shows that a memory card has been installed. If no memory card has been installed, “No card” will be shown at the center of the screen.

The charge condition of the batteries is shown at (4).
5.3. Replay
You can view videos and photos available directly via your night vision device. To do that, press and hold the [◄ ] button for approx. 3 seconds to switch to the replay mode.

With video recordings the video symbol [ ] will be displayed in the lower left corner of the monitor. If there is no symbol visible, a photo is currently being displayed. Use the [ ◼ ] and [ / ◼ ] buttons to switch between the shots. Briefly press the [◄ ] button to start replaying a video. Briefly press the button again to put the replay on hold. To stop replaying the video completely, press the [◄ ] button for approx. 3 seconds.
Switch back to the record mode by pressing and holding the [◄ ] button for approx. 3 seconds as long as no video replay is running.

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6. Technical specifications

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>NV-440D+   NV-650D+   NV-760D+</td>
</tr>
<tr>
<td>Enlargement</td>
<td>4 times   6 times   7 times</td>
</tr>
<tr>
<td>Viewing range</td>
<td>260m      320m      400m</td>
</tr>
<tr>
<td>IR rating</td>
<td>0.5 mW</td>
</tr>
<tr>
<td>IR wavelength</td>
<td>850 nm</td>
</tr>
<tr>
<td>IR effective distance</td>
<td>80-100 m</td>
</tr>
<tr>
<td>Viewing angle</td>
<td>16°       12°        13°</td>
</tr>
<tr>
<td>Close-up focus limit</td>
<td>1.8m      1.5m       1.0m</td>
</tr>
<tr>
<td>Distance between eyepieces</td>
<td>12 mm</td>
</tr>
<tr>
<td>Lens diameter</td>
<td>40mm      50mm       60mm</td>
</tr>
<tr>
<td>Sensor</td>
<td>1.3 megapixel CCD</td>
</tr>
<tr>
<td>Photo and video resolution</td>
<td>Photo: 2,048 x 1,536; Video: 752x582 (50 fps)</td>
</tr>
<tr>
<td>Storage medium</td>
<td>microSD/SDHC memory cards up to 16 GB</td>
</tr>
<tr>
<td>Connections</td>
<td>TV out</td>
</tr>
<tr>
<td>Power supply</td>
<td>Batteries 3x type CR 123A, 3.0 V</td>
</tr>
<tr>
<td></td>
<td>Input 9.0 V 500 mA</td>
</tr>
<tr>
<td>Dimensions</td>
<td>185 mm x 83 mm x 58 mm   198x81x61mm 265x100x65mm</td>
</tr>
<tr>
<td>Weight</td>
<td>370 g     460g       630g</td>
</tr>
</tbody>
</table>

Note:
- We reserve the right to make technical and visual changes to the item as part of product improvements.
7. Maintenance, storage and guarantee

7.1. Care
Do not use aggressive cleaning agents, such as methylated spirits, thinners etc. to clean your night vision device. When required, clean system components with a soft dry cloth.

7.2. Storage
Always remove the batteries from the housing if you will not be using your night vision device over a longer period and store them separately. On a day to day basis and over longer periods the batteries should be kept at a dry location out of reach of children. When not in use always apply the lens cap to protect the sensitive lens and keep the device in the respective bag.

7.3. Guarantee and service
Our service outlets will be happy to assist you in case of problems with the operation of the device or with any queries and problems. The device comes with 12 months distributor warranty. Please see the separate Warranty card for details. Please contact our Hotline before sending in your faulty device.

Service address:
Outlet Shop UK
59 Clive Road
Enfield
EN1 1RB
UK

Office@outletshopuk.com
www.outletshopuk.com
www.outletshopuk.co.uk

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8. Disposal

For disposal, separate packaging into different types and dispose of in line with environmental regulations in supplied collection containers. Batteries and storage batteries may not be disposed of in domestic waste. Consumers are obliged by law to return used batteries to communal collection points or dealers selling batteries. Storage batteries and batteries do therefore contain the adjacent symbol.

Correct disposal of product.

The adjacent symbol indicates that electrical and electronic equipment may not be disposed of in domestic waste in the EU. Please use the returns and collection points of your local council or contact the dealer you purchased the product from. This prevents potentially harmful effects on the environment and health as a result of incorrect disposal. For further information contact the respective department of your local council.

9. Conformity

The Manufacturer hereby declares that the CE marking was applied to the product in accordance with the basic requirements and other relevant provisions of the following European Directives.

2011/65/EG RoHs Guideline
2004/108/EC Low Voltage Directive

The EC Declaration of Conformity can be requested from the address specified on the Warranty card.

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Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

We recommend you save this data elsewhere prior to sending the product for repair.

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet our stringent quality specifications.

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please write to us at:

Add: 7/F, Building 7, Dongfang Jianfu Yusheng Industrial Park, Gushu, Bao An District, Shenzhen, 518100 China
Fax: 0086-755-27797856
Tel: 0086-755-29767107

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