

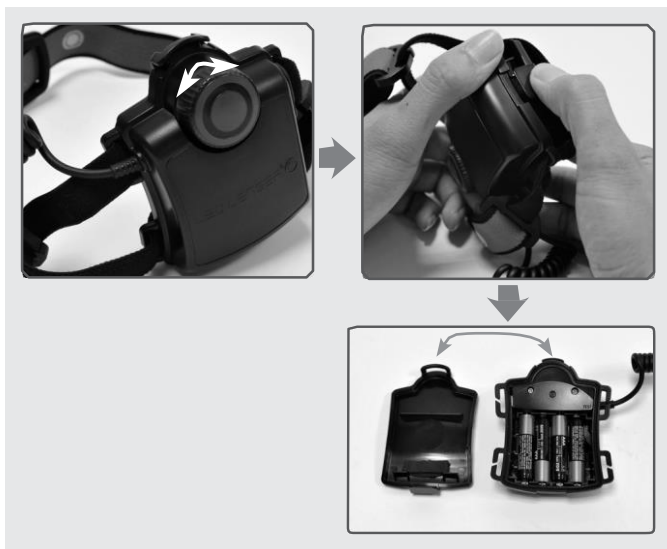
# LED LENSER® H7.2



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# LED LENSER® H7.2

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We are delighted that you have purchased one of our products. These are the usage instructions to help you familiarize yourself with your new purchase. All the documents accompanying the product must be read attentively before using this product, stored for future use and if the product is transferred to a third party, the documents should be handed over as well.

This ensures that maximum benefit is drawn from the product and questions from users can be resolved when they arise. Above all, comply with the warnings and safety instructions and dispose of the packaging material properly. Further information on the "TEST IT" feature is below.

Your LED LENSER H7.2 headlamp is packaged with a "TEST IT" function (item no. 7397). This allows users to test the brightness while the product is still in the package. For testing, simply push the yellow "TEST IT" button on the front of the package. When testing, please do not look directly into the light. The "TEST IT" button is connected to the battery housing of the H7.2 via two wires and should be removed prior to use.

To remove the "TEST IT" button and wires, open the battery box and remove the 4 x AAA batteries (see also "Changing Alkaline Batteries" further below). Separate the two "TEST IT" button wires from the battery housing by pulling on each wire until it releases from the battery housing. Insert the 1xLi-ion battery pack or 4 AAA batteries, noting the correct polarity. Close the battery box. Please dispose and recycle the packaging and "TEST IT" button with the wires according to the local regulations.

#### Product:

7297, LED LENSER® H7.2 (gift box)

7397, LED LENSER® H7.2 (Blister with TEST IT" function) Version of the operating manual: V 1.3

#### 1. Battery set:

4 x AAA / LR03 (1.5 VDC)

#### 2. Turning it ON and OFF

There are two switches on the H7.2. The front switch is located in the upper part of the headlamp housing. This button is used to turn the H7.2 ON/OFF. It is also used to activate the various Light Programs, Lighting Functions (see Section 5.1), and to activate the "transport lock" function (see Section 6).

The Multi-function "Wheel" switch is located on the backside in the upper part of the battery box. This allows you to adjust the brightness and flash rate infinitely and to change the light modes (see Section 5.1).

#### 3. Focus

In the front, narrower region of the headlamp housing is the reflector lens through which the light of the LED is focusable. The reflector lens is held by a plastic ring. You can rotate that plastic ring using two fingers, and adjust the focus quickly and easily. This is our Patented Rapid Focus system, which allows the adjustment of the light beam's focus.

You also can adjust the hinge of the headlamp, depending on whether you want to illuminate an area in the distance or in front of you. To do

This, you simply tilt the part of the head lamp containing the reflector lens and the LED.

#### 4. Smart Light Technology (SLT)

Smart Light Technology (SLT) is a program that consists of computer optimized micro controllers which allows our products to have various lighting functions. The H7.2 is equipped with this kind of technology and is therefore able to use various Light Programs and Functions (see Section 5), with the kind of interface that is simple and user friendly. By pressing the front switch on the lamp head you can activate the following light functions: On (Power) – Off, Low Power, Boost and Signal. With the Multi-function "Wheel" switch on the back, you can turn the light intensity (down to 5 lm), and flashing rate (1–24Hz) is infinitely adjustable by easily rotating the switch. By pressing the "Multi-function Wheel" switch you can change the light mode.

#### 5. Light Programs and Light Functions:

The H7.2 is equipped with one LED (Light Emitting Diode). The LED is very strong and ideal for normal use. For example turning the focus or the adjustment of the angle of light beam to the horizontal should be used. The boost mode of H7.2 can be turned on when the flashlight is off and then pushing the front switch for approx. 5 seconds. Release the switch when the boosted light is on, otherwise the product will enter "transport lock mode" (see Section 6).

#### 5.1 Light Programs

In H7.2, there are three different modes (Easy Low, Easy Power, and signal). The default mode is the Easy Low mode. When the product is off, press the "Multi-function Wheel" switch on the back for 5 second. It will go to transition mode. Then the LED will blink once to indicate that it is mode one; then blink twice for mode two; and finally blink three times, for mode three.

**a) Light Mode one - Easy Low:** when the product is off, firmly press the front button until it blinks once. The LED will glow at the lowest brightness (light function: dim light). Touch two times the button on top of the lamp within 1 second, and it will turn on the lamp to its full brightness, (light function: strong light), and three times touch will turn the lamp off.

**b) Light Mode two - Easy Power:** when the product is off, firmly press the front button until it blinks twice. The LED will glow at its fullest brightness (light function: strong light). Touch two times the button on top of the lamp within 1 second will turn on the lamp to its lowest brightness (light function: dim), and three times, touch will turn the lamp off.

**c) Light Mode three - Signal:** when the product is off, firmly press the front button until it blinks three times. The LED will glow with full brightness (light function: strong light). Touch two times at the button on top of the lamp within 1 second will start the strobe (12 Hz), and three times will turn the lamp off. The speed at which the strobe will blink can be adjusted by turning the knob on the battery box. When the flashlight is on, rotate the "Multi-function Wheel" switch on the back to adjust the

# LED LENSER® H7.2

LED brightness turn to the left the brightness of LED will get lower or strobe slowly; turn to the right the brightness of LED will get brighter or strobe faster.

**d) Boost Mode:** in any state, push the front switch for 2 seconds to achieve boost mode. After 10 seconds the flashlight will return to the previous setting. The Light Functions above are in a loop. Note that when switching modes, press the "Multi-function Wheel" switch on the back for no longer than 4 seconds, otherwise the product will turn off.

**6. "Transport Lock":** When the H7.2 is off, push the front switch for approx. 5 seconds till the light turns off in order to enable the "Transport Lock." Then the H7.2 cannot be turned on again. The H7.2 therefore cannot be switched on; either intentionally or unintentionally and inadvertently consume energy. To deactivate the "Transport Lock", just press the front switch again for 5 seconds. The headlamp will now return to the Light Program.

**7. Reset function:** If the alkaline batteries are taken out the battery box you have to "reset" the H7.2. You have to reset a few functions so that the "Transport Lock" (see Section 6) is deactivated and the Light Function Dim (see Section 5.1) is set to low brightness.

**8. Changing Alkaline Batteries:**  
Prior to the change, turn off the H7.2. On the back of the battery back, where the headband is attached, there is the opening to the inside of the battery box. Once you open the battery box, there will be a silk tab that runs underneath the battery. In order to remove the battery pull the silk belt and then insert a new one. During insertion, it is always necessary that it is in the correct direction. Therefore, pay attention to the polarities (+ and -) both on the battery box, and the on the alkaline batteries. Otherwise, there is a risk for damage to the batteries and possible explosion. After replacing the batteries, the cover of the battery box has to be put back into place. To close the battery box, hold the battery box and battery cover against each other in the same direction, hook the battery cover above the multi-function switch, and then push the cover against the bottom, until you hear a small "Click" sound. Then push the middle of the cover again, until you hear another "click". Now the battery cover is securely closed.

## 9. Head Band

The headband can be washed by water. Please refer to the picture to disassemble and assemble the headband.

## 10. Batteries

Never use non rechargeable batteries and accumulators together. Always change all batteries at the same time. In the H7.2, use only the alkaline batteries AAA/ R03/Micro (1.5 V DC). If you intend not to use the item for an extended period, please take out the batteries to avoid damage. Used batteries and accumulators have to be taken out and disposed of in accordance to local laws.

## 11. Cleaning

To clean, use a dry, lint-free, clean cloth. If salt water is spilled on the head lamp, it must be immediately, entirely removed with a cloth. The headband can be washed in a washing machine at 30 °C.

## 12. Scope of delivery

The H7.2 headlamp is supplied with the following accessories:

1 x H7.2 Headband  
4 x AAA Alkaline batteries  
1 x Manual

## 13. Caution

Do not swallow any small parts or batteries/ accumulators that are present. The products or parts, (including batteries / accumulators) must be stored out of the reach of children. For safety and approval reasons (CE), the product must not be modified and/or changed. The product is to be used exclusively as an accumulator or battery powered lamp. If The H7.2 is used for any other purpose, or incorrectly, it can get damaged and the hazard-free use is no longer guaranteed (danger from fire, short-circuit, electric shock etc.) and therefore there will be no liability for harm anyone or damage to property. The warranty of the manufacturer is also rendered null and void.

The H7.2 can be operated between -20 °C and +50 °C (or between -4 °F and 122 °F). Ensure that the H7.2 is not subjected to more extreme temperatures, intense vibrations, explosive atmosphere, solvents and/or vapors. Also continuous exposure to direct sunlight, high humidity and/or moisture must be avoided.

Changes, repairs and maintenance over and above those described in the documents accompanying the product may only be carried out by authorized technical personnel. If it is found that the product is filled with full batteries/accumulators in the correct orientation (polarity!) and properly closed, and still is unable to function safely and normally, or the product shows damage, it must be rendered inoperable and not used any further. In this case, for warranty matters, contact your dealer.

## 14. Safety instructions

This product is not a children's toy. Since it has small parts that can be swallowed, it is especially not suitable for those under the age of 5. The article may not be used for examinations of the eyes (e.g. for a pupil test). When in use, heat accumulation, e.g. by covering, must be avoided. If the product does not work correctly, the first thing that must be checked is whether this is due to discharged or incorrect placed battery/ accumulators. If using in traffic, please follow the respective legal regulations.

The most hazardous threat posed by this product is the optical radiation known as Blue Light Hazard (400 nm to 780 nm). The Thermal hazard threshold values are not clearly determined yet. The risk for the viewer depends on the use or on how the product is installed. However, there is no optical hazard as long as there is a limit on the time of exposure and the information. Contained in this instruction manual is observed.

The aversion reactions are triggered by the exposure and they are a natural reaction that protects the eye from hazards through optical radiation. This includes in particular conscious aversion reactions such as eye or head movement (e.g. turning away). When using the product it is of particular importance to bear in mind that the aversion reactions of a person at whom the light is directed at may be weakened, or completely suspended as a result of medication, drugs or illness.

Because of the blinding effect of the product, improper use may lead to reversible, i.e. temporary impairment of sight (physiological blinding) or after images, or it may trigger queasiness, and fatigue (through physiological blinding).

The intensity of the temporary discomfort or the time until the side effects subside depends primarily on the brightness between the blinding-light source and the surrounding area. Photosensitive people in particular ought to consult a medical consultant prior to using this product. As a matter of principle the rule is that high- intensity light sources carry a high secondary hazard potential due to their blinding effect. Just like looking into other bright light sources (e.g. headlights of a car), the temporary limited impairment of vision and after images may lead to irritation, inconveniences, impairments and even accidents, depending on the situation.

This information applies to the use of a single product. If more light-emitting products of the same type or of a different type are used together, the intensity of the optical radiation may increase. Longer viewing/eye-contact with the source of radiation of this product by the user or other persons, with and without other light-bundling instruments, are to be avoided. Instead, the eyes are to be closed deliberately in such cases and the head ought to be turned away from the light beam. In case of commercial use or the product's use by public bodies, the user must be instructed to follow all applicable laws and regulations that correspond to the individual case of usage.

**Important rules of conduct:**

Do not aim the light beam directly into the eyes of a person. The user or any other person should not look directly into the light beam. In the event of optical radiation hitting the eye, one must shut their eyes and turn their head away from the beam. The instruction manual and this information must be stored safely and must always be kept together with the product. It is prohibited to look straight into the light that is being emitted by this product.

