

DOERR 160 LED Sensor Headlight



# DOERR 160 LED Sensor Headlight Instruction Manual

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# DÖRR

DOERR 160 LED Sensor Headlight



## FAQ

- **Q:** How do I activate the sensor mode?
- **A:** In any lighting mode, press the sensor button to activate the sensor mode. The blue LED indicator will light up, indicating the sensor function is active.
- **Q:** Can I use the headlamp while charging?
- **A:** It is recommended to disconnect the headlamp from the charging source before turning it on to ensure safe operation and avoid potential hazards.

## THANK YOU very much for choosing a quality product by DÖRR.

- Please read the instruction manual and the safety hints carefully before using the device for the first time.
- Keep the operating instructions together with the device for reference.
- If other people use this device, provide them with these instructions.
- If you sell the unit, this manual forms an integral part of the device and must be supplied with it.
- DÖRR is not liable for damage caused by improper use or failure to observe the operating and safety instructions.
- In the event of damage caused by improper handling or by external influence, the guarantee or warranty claim becomes void. Any manipulation, structural modification of the product or opening of the housing by the user or an unauthorised third party shall be considered improper handling.

## SAFETY HINTS

- This device is not a toy! To prevent accidents and suffocation keep the device, the accessories, and the packing materials away from children and pets.
- Do not look directly into the LED and do not direct the light beam into the eyes of humans or animals.
- Do not point the light at vehicles or aircraft.
- People with physical or cognitive disabilities should use the device with supervision.
- People with cardiac pacemakers, defibrillators, or any other electrical implants should maintain a minimum distance of 30 cm, as the device generates magnetic fields.
- Do not submerge or throw the device into water. Do not throw the device into fire – risk of explosion!
- Protect the device from rain, moisture, direct sunlight, and extreme temperatures.
- Do not operate or touch the device with wet hands.
- Never leave the device unattended while charging the battery. After charging, disconnect the device from the USB power supply.

- If the device is not used for a longer period, charge the battery to approx. 60% to avoid deep discharge of the battery.
- Protect the device against impacts. Do not use the device if it has been dropped. In this case, a qualified electrician should inspect the device before you use it again.
- Do not attempt to repair the device by yourself. Risk of electric shock! When service or repair is required, contact qualified service personnel.
- The built-in battery and the LEDs cannot be replaced.
- Protect the device against dirt. Never use aggressive cleansing agents or benzine to clean the device. We recommend a soft, slightly damp microfiber cloth to clean the outer parts of the device. Before cleaning, turn off the device and disconnect from the power source.
- Store the device in a dust-free, dry, and cool place.
- If the device is defective or without any further use, dispose of the device according to the Waste Electrical and Electronic Equipment Directive WEEE. For further information, please contact your local authorities.

## PRODUCT DESCRIPTION

Ultra slim and lightweight LED headlamp with sensor function.

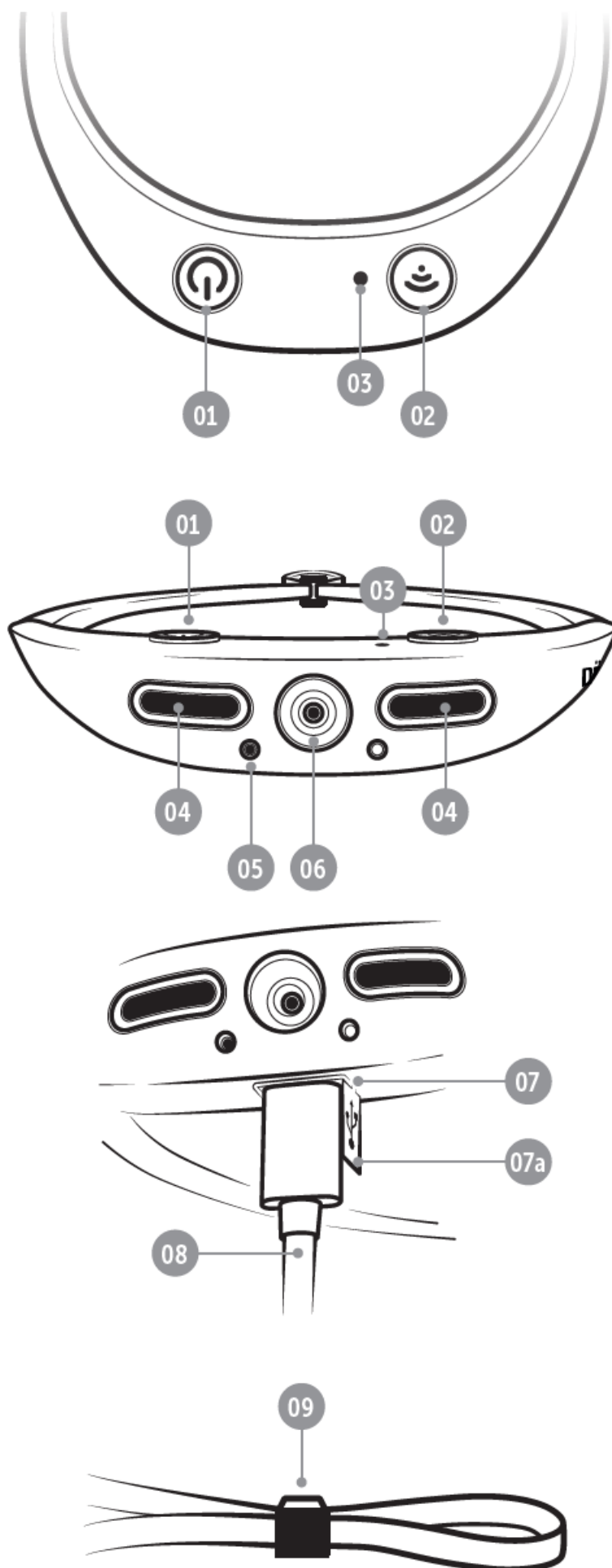
The DÖRR S-Light headlamp is a reliable LED light source for cycling, jogging, hiking, and other outdoor activities. Depending on your needs, you can choose between different lighting functions and brightness levels. With the practical sensor function, you can switch the lamp on or off in the dark with just a wave of your hand and always have both hands free.

- Ultra-bright, white 3W XPG LED + 2x COB LEDs
- Sensor mode in the dark
- Very slim housing with rubber coating made of non-slip, soft silicone
- Quick and easy adjustment to head or helmet size
- Built-in, long-lasting lithium polymer battery 3.7V, 500mAh
- Including USB-C charging cable

## NOMENCLATURE

1. On/Off button
2. Sensor button
3. Blue LED indicator sensor function
4. Auxiliary lights COB LED
5. Sensor
6. Main light 3W XPG LED
7. USB-C charging socket with LED indicator
  - Rubber cover
8. USB-C charging cable
9. Fixation headband

## ILLUSTRATION OF PARTS



## FIRST STEPS

## Charging the integrated battery



### NOTICE

Please fully charge the built-in lithium polymer battery before first use.

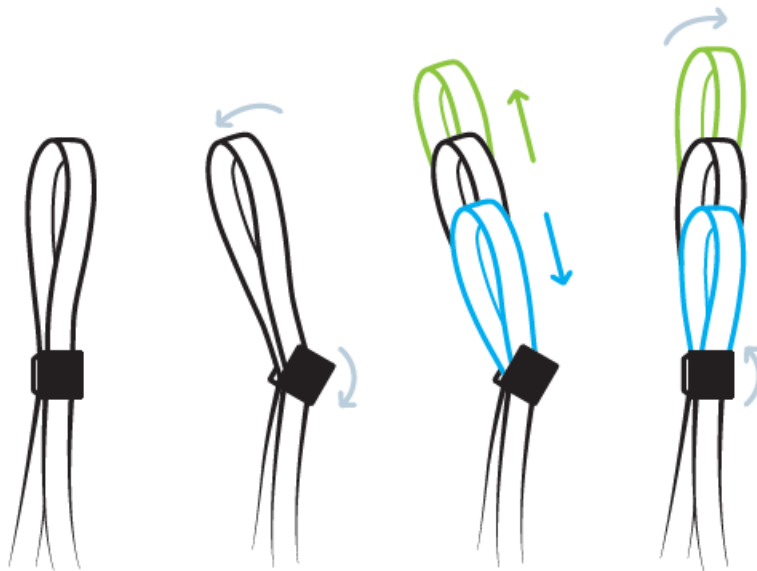
- Open the rubber cover (07a). Below is the USB-C charging socket (07). Connect the headlamp to a USB charging source, e.g. PC/laptop/ power bank, using the supplied USB-C charging cable (08).
- During the charging process, the USB-C charging socket (07) lights up red. After approx. 2 hours the battery is fully charged and the USB-C charging socket (07) lights up green. Disconnect the headlamp from the USB charging source before turning on the lamp. Close the rubber cover (07a) again properly to ensure splash protection.

### CAUTION

- Never leave the device unattended while charging the battery.
- After charging, disconnect the device from the USB power supply.
- If the device is not used for a longer time, charge the battery to approx. 60% to avoid deep discharge of the battery.

## Adjusting the Headband

To adjust the headband to your head or helmet, carefully push the headband out of the fixation (09). Adjust the required length and press the headband back into the fixation (09).

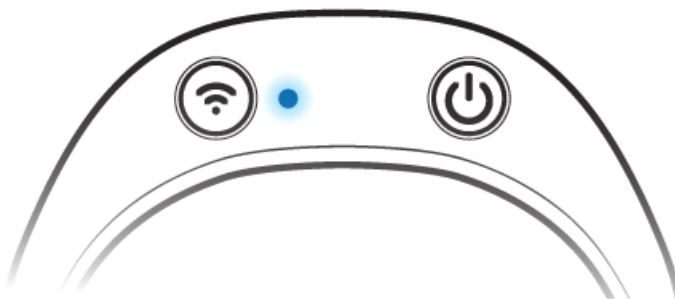


## HEADLIGHT FUNCTIONS

Press On/Off button (01) <b>once</b>	<b>Main light (06) lights up. 100% brightness.</b>
Press On/Off button (01) <b>a 2nd time</b>	<b>Only the two auxiliary lights (04) light up. 100% brightness.</b>
Press On/Off button (01) <b>a 3rd time</b>	<b>Main light (06) and both auxiliary lights (04) light up. 100% brightness.</b>
Press On/Off button (01) <b>a 4th time</b>	<b>Main light (06) and both auxiliary lights (04) light up. 50% brightness.</b>
Press On/Off button (01) <b>a 5th time</b>	<b>Main light (06) and the two auxiliary lights (04) flash (strobe).</b>

**In any lighting mode, press the sensor button (02) to activate the sensor mode. The blue LED indicator (03) lights up.**

#### **Sensor function**



### NOTICE

The sensor mode only works in the dark.

Now the headlight can be switched on and off with just a wave of the hand in front of the sensor (05). Press the sensor button (02) again to exit the sensor mode (blue LED indicator (03) off).

When the lamp is switched off, you can directly activate the sensor mode by pressing the sensor button (02). To switch to normal lighting mode, press the sensor button (02) again.

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## Turn off the headlamp

In any lighting mode, press the On/Off button (01) for about 2 seconds to turn off the headlamp.

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### NOTICE

If the headlamp is in sensor mode and the light is off, the headlamp is still under voltage and consumes energy. Therefore, do not forget to switch off the headlamp after use with the On/Off button (01) (blue LED indicator sensor function (03) = off).

### CLEANING AND STORAGE

Never use aggressive cleansing agents or benzine to clean the device.

We recommend a soft, slightly damp microfiber cloth to clean the outer parts of the device. Before cleaning, switch off the device and disconnect it from the power supply. Store the device in a dust-free, dry, and cool place. This device is not a toy – keep it out of reach of children. Keep away from pets.

### TECHNICAL SPECIFICATIONS

- **LEDs:** 1x 3W XPG LED + 2x COB LEDs
- **Brightness:** approx. 160 lumens
- **Range:** max. 50 m
- **Internal battery:** Lithium Polymer 3.7V, 500mAh

- **Charging time:** approx. 2 hours
- **Operating time:** approx. 2,5 hours (with a fully charged battery)
- **Protection class:** IPX4
- **Housing:** Silicone, ABS, PC
- **Colour:** black
- **Dimensions:** approx. 27,5 x 12,5 x 2,2 cm
- **Weight:** approx. 62 g

DÖRR GmbH reserves the right to make technical changes without notice.

## SCOPE OF DELIVERY

- 1x LED Sensor Headlight S-Light
- 1x USB-C charging cable
- 1x Safety hints

## DISPOSAL, CE MARKING

**DISPOSAL OF BATTERY/ACCUMULATOR** Batteries and rechargeable batteries are marked with the symbol of a crossed-out waste bin. This symbol indicates that empty batteries or rechargeable batteries that can no longer be recharged must not be disposed of in household waste. Old batteries may contain harmful substances that can cause damage to health and the environment. As the end user, you are legally obliged to return used batteries (under German battery law, Section 11 Act Revising the Law of Waste-Related Product Responsibility for Batteries and Accumulators). You can return batteries free of charge after use at the point of sale or in your immediate vicinity (e.g. at municipal collection points or in shops). You can also return batteries to the seller by post.



## WEEE INFORMATION

The WEEE (Waste Electrical and Electronic Equipment) Directive, which came into force as European law on 13 February 2003, led to comprehensive changes in the disposal of discarded electrical equipment. The primary purpose of this directive is to prevent e-waste while promoting reuse, recycling, and other forms of reprocessing to reduce waste. The WEEE logo (dustbin) shown on the product and on the packaging indicates that the product must not be disposed of in normal household waste. You are responsible for delivering all discarded electrical and electronic equipment to appropriate collection points. Sorting waste for separate collection and sensible recycling of packaging waste helps to use natural resources more sparingly. Furthermore, e-waste recycling is a contribution to preserving our environment and thus also people's health. Further information on the disposal of electrical and electronic equipment, recycling, and collection points can be obtained from local authorities, waste disposal companies, specialist retailers, and the manufacturer of the device.



## CONFORMITY WITH ROHS

This product complies with the European RoHS Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment and variations thereof.

## CE MARK

The imprinted CE mark complies with the applicable EU standards and indicates that the device meets the requirements of all EU directives applicable to this product.




## CONTACT

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  - <https://www.doerr-outdoor.de>
  - [doerr-outdoor.de](https://www.doerr-outdoor.de)
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## Documents / Resources

 The image shows the cover of the instruction manual for the DOERR LED Sensor Headlight. It features the DOERR logo at the top, followed by the product name 'LED SENSOR HEADLIGHT'. Below this is a small diagram of the headlight and a list of icons representing various features or certifications. The bottom of the cover has the text 'S-LIGHT'.	<p><a href="#">DOERR 160 LED Sensor Headlight</a> [pdf] Instruction Manual</p> <p>160 LED Sensor Headlight, 160, LED Sensor Headlight, Sensor Headlight, Headlight</p>
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## References

- [DOERR Dörr Outdoor](#)
- [User Manual](#)

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