

NITESTRØM II

USER MANUAL

# Nitestrøm - Your new headlamp with LED safety wristband

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Thank you very much for choosing the ZNEX Nitestrøm headlamp.

This headlamp is equipped with an infrared motion sensor, allowing the contactless control of Nitestrøm with hand gestures. A simple swipe with your hand is sufficient to turn the Nitestrøm on or off, or dim one level. The contactless control of the lamp is very comfortable, especially in the cold season. You can keep your gloves on in the cold - that means easier and faster operation as well as greater security.

See and be seen - especially on the road, that's extremely important. Therefore, we have added a LED safety wristband in the package. The band is adjustable in size, can be attached to the arm or leg and is so bright that you will be perceived even from a distance.

To draw attention to yourself in emergency situations, activate the white SOS signal on the Nitestrøm and/or the red flashing function on the wristband. For any case, we have integrated an emergency whistle into the headband, which you can use in addition to make yourself noticeable.

Please read this manual carefully to become familiar with all the functions of this lamp.

**220** Lumens (ANSI FL1)

White LED: CREE XP-E

Red LED: 2 x  $\varnothing$  5mm

## **Scope of delivery:**

Nitestrøm headlamp with head band + SOS whistle

LED wristband including battery

3 x AAA batteries, protection bag and user manual

# How to insert the batteries

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## 1 Open the battery compartment

Pull the grid knob slightly upwards to open the battery compartment.



**Note:**  
Please only use commercially available AAA batteries. Do not mix old and new batteries or batteries of different manufacturers.

## 2 Insert the batteries

Put the enclosed AAA batteries into the battery compartment. Pay attention to the polarity +/-!



**Note:**  
If you do not use the Nitestrøm for a longer period of time, it is advisable to remove the batteries and store them in a dry place separately.

## 3 Close the battery compartment

If all three batteries are inserted, you can close the battery compartment.



**Note:**  
If you want to change the batteries, turn off the Nitestrøm before doing so.

# Turn on the Nitestrøm (white LED)

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The Nitestrøm has two pressure switches. Probably you have pressed one switch or the other already and therefore know which switch emits white or red light. If you have not tried it yet, here's a little guide:

Right switch  
White LED +  
sensor  
operation

Left switch  
Red LEDs +  
sensor  
operation



1

Briefly press on the **right** switch once - and the Nitestrøm turns on at the highest level.

2

If you press the right switch again within 3 seconds, the Nitestrøm will change from the highest luminous stage to the average stage, then to the lowest and then to SOS mode. After another click it turns off.



HIGHEST  
BEAM LEVEL



AVERAGE  
BEAM LEVEL



LOWEST  
BEAM LEVEL



SOS  
SIGNAL



OFF

**Caution:** If a lighting mode is active more than 3 seconds, the Nitestrøm will turn off when you press the switch again. The advantage of this feature is that you do not have to click through all other luminous stages again to turn the Nitestrøm off.

# Turn on the red light

The red light is a nice additional function. You can read in the dark without being blinded and you do not bother anybody, if you might have to get out of the tent at night and need an orientation light.

- 1 Briefly press on the **left** switch once to turn on the red LEDs of the Nitestrøm.
- 2 If you press the left switch again within 3 seconds, the red light will start flashing quickly (stroboscopic effect). After another click the red light of Nitestrøm turns off again.



**Caution:** The same caution applies here as for the white light: If a lighting mode is active more than 3 seconds, the Nitestrøm will turn off immediately when you press the switch again.

# How to activate the infrared motion sensor

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- 1** If you want to enable the white light with gesture control, press and hold the **right** switch until both switches light up green. To activate the red light with gesture control, press and hold the **left** switch long enough until both switches are light up green.
- 2** As soon as both switches light up **green**, the gesture control is activated and the Nitestrøm can be controlled by "wiping" with the hand.
- 3** What is "wiping"? Imagine: A mosquito tries to land on your nose and you try to scare the insect away with a simple hand movement. This is similar to the wiping. With a gesture - as close to the front of the light as possible - you can dim the white light from the brightest to the average stage. At the next "wiping" the Nitestrøm turns off and can be turned on by wiping again. If you want to change from sensor mode back to manual control again, simply press one of the two switches.



**Caution:** When the IR sensor is activated the white light has only two brightness levels and no SOS!



## ADJUSTABLE BEAM

The beam angle of the lamp is 45° adjustable for oriented lighting

## SOS whistle

If you should ever get into a situation where you - in addition to light signals - also want to make yourself noticed acoustically, the small SOS whistle on the headband renders a valuable service.



# How to activate and turn on the LED wristband

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## 1 To activate the LED safety wristband

The LED wristband is equipped with a small button cell, which is located directly below the On/Off switch on the back of the wristband. Before the first use, you must activate the button cell first, by removing the protective foil (PULL) from the battery.

## 2 To turn on the LED wristband

Press the On/Off switch once to turn on the LEDs. Press the same switch again and the LEDs will start blinking. If you wish to turn the LED wristband off, press the On/Off switch for a third time.

## 3 To change the battery

Open the battery compartment on the back side of the On/Off switch, remove the old button cell and replace it with a new one of the type CR2032.



**Note:** The wristband is adjustable in size. To adjust the size, you pull the band through the buckle and fasten it by folding the locking latch to the right. When the latch folded correctly, the band cannot loosen up anymore and sits perfectly on the arm or leg.



## Safety instructions

- + Please do not aim with the light beam at your own eyes or at those of other living beings.
- + The Nitestrøm can be used between  $-20^{\circ}\text{C}$  and  $+50^{\circ}\text{C}$ . Colder or hotter temperatures must absolutely be avoided.
- + The Nitestrøm does not like it at all, when it is exposed to direct sunlight or high humidity for a longer time. So look for a dry spot for it and make sure that the storage temperature does not exceed  $20\text{--}25^{\circ}\text{C}$ .
- + If the Nitestrøm has been used in a humid environment, we recommend to take out the batteries and dry the light while the housing is open.
- + The headband can be removed for washing.
- + Take the necessary precaution to ensure the Nitestrøm is properly seated in your backpack to avoid any possible damage. To avoid any energy loss while transporting we recommend to take the batteries out.

## Disposal



Alkaline batteries can be safely disposed of with normal household waste. Never dispose of batteries in fire because they could explode.

Where possible, recycle your batteries where communities offer recycling or collection programs. You can contact your local government for information about the disposal options in your area.

The headlamp must be disposed of at a suitable place of disposal for recycling electric and electronic equipment according to the country-specific regulations.

## Miscellaneous

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### CE certification + declaration of conformity

The Nitestrøm is CE certified, RoHS compliant and complies with European disposal guidelines.

### Disclaimer

We have made every effort to ensure that all information in this manual is correct and complete. However, we assume no liability for any errors and/or omissions. We reserve the right to change and improve all functions described in this manual without prior notice.

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