

Instruction manual Headlight

Vail 100

Art.-Nr. 51252538-14

1. Introduction

Congratulations on the purchase of your new product. You have chosen a high quality product. The instructions for use are a part of this product. It contains important safety, assembly and disposal information. Before using the product, please familiarise yourself with all safety notes and instructions for use. The product must only be used as described and for the specified fields of application. When passing the product on to others, be sure to also include all documentation.

2. Scope of delivery

- Vail 100 headlight**
- 1 x Vail 100 headlight
 - 1 x USB-C-charging cable
 - 1 x bracket
 - 1 x set of installation instructions and instructions for use

3. Symbols used			
	Green Dot - recycling of packaging.		Recycling code for the disposal of cardboard
	USB – Universal Serial Bus – interface to port, e.g. on a computer (charging only)		Product meets the applicable European productspecific directives
	Dispose of the product and packaging in an environmentally-friendly manner		Improper disposal of rechargeable batteries may result in environmental damage!
	Symbol identifying electrical and electronic devices		German Federal Motor Transport Authority test symbol (K followed by approval number)
	UKCA mark indicates conformity with relevant Great Britain regulations applicable for this product. (The UKCA mark logo is valid in Great Britain only.)		

4. Intended use

- The product is intended exclusively for use on bicycles and serves to illuminate the road.
- This headlight are approved according to valid StVZO as the sole lighting on all bicycles.
- The product is intended for outdoor use.

5. Safety instructions

- Do not look into the headlight.
- The light cone of the headlight must always point straight ahead in the direction of travel.
- The headlight must be adjusted so that it does not dazzle other road users.
- The light distribution must not be obscured, not even partially.
- The battery must be charged immediately when the control device is activated.
- The LED is not replaceable. If the LED fails, the entire light must be replaced.
- Never charge the lights unattended!
- Note: The LEDs and rechargeable batteries are not replaceable.

6. WARNING! DANGER TO LIFE AND RISK OF ACCIDENT FOR INFANTS AND CHILDREN!

Never leave children unsupervised with the packing material due to the suffocation hazard posed by swallowing parts thereof. Children frequently underestimate the dangers. Always keep the product out of the reach of children. This product is not a toy! This product may be used by children aged 8 years and up, as well as by persons with reduced physical, sensory or mental capacities or lacking experience and knowledge when supervised or instructed in safe product use and they understand the associated risks. Do not allow children to play with the product. Cleaning and user maintenance must not be performed by children without supervision. Never take the product apart. Improper repairs may result in considerable risks for the user. Always have repairs performed by a professional. The LED(s) and rechargeable batteries cannot be replaced.

7. Rechargeable battery safety notes

CAUTION! DANGER OF EXPLOSION!

Keep rechargeable batteries away from children, do not throw rechargeable batteries into fire, do not short-circuit and do not take apart. Failure to observe this may discharge the rechargeable battery beyond their end voltage. This poses a risk of leaking. Avoid contact with the skin, eyes and mucous membranes if fluid has leaked from the rechargeable batteries. In the event of contact with battery acid, thoroughly flush the affected area with clean water and seek immediate medical attention.

8. Mounting

8.1 Mounting headlight

Position and attach the holder **1** to the desired location on the handlebar. Tighten the rubber tab and hook it into place. To set the optimum angle to the direction of travel, you can rotate the headlight **1** in the holder **1** without using tools. Push the headlight **1** onto the holder **1** until it audibly engages. To release, press the headlight lock and slide the headlight **1** forward from the holder **1**.

9. Setting product

9.1 Headlight adjustment

Align the headlight so that the light cone reaches the road approximately 10 meters in front of the wheel (see illustration). Attention! Regularly check the correct setting and mounting height of your headlight. The headlight must be mounted within a range of 400 to 1200 mm above the road surface

10. Operation

10.1 Headlight operation

Switch on the headlamp **1** by briefly pressing the switch **2**. To switch between operating modes, just press the switch **2** briefly.

- First press - Power mode (approx. 100 lx).
- Press second time - High mode (approx. 70 lx).
- Press third time - Medium mode (approx. 40 lx).
- Press fourth time - Eco mode (approx. 15 lx).
- Press fifth time - Back to Power mode (see Press first time)

Turn off the headlight by holding down the switch **2** for 2 seconds. Memory function: When switching off, the active mode is stored and active when switching on again.

After the battery control system lights up, the headlight **1** continues to shine for at least 30 minutes.

11. Explanation Battery charge level indicator

Each LED of the battery charge level indicator represents 25% of the available charge capacity. 4 green LEDs lit, means that the battery is fully charged. 1 green LED lit, means that the battery has max. 25% remaining capacity. 1 red LED flashing, means that the battery still has approx. 10% remaining capacity and must be recharged.

12. Explanation of the operating mode display

The operating mode display consists of four blue LEDs. The last/bottom LED lights up in Eco mode. The lower 2 LEDs light up in Medium mode. The lower 3 LEDs light up in High mode. All 4 LEDs light up in Power mode.

13. Charging the battery

13.1 Charging the headlamp's battery

The headlight **1** is equipped with a control device **2** which lights up red when the battery is low. The battery must be charged immediately when the control device **2** lights up. During charging, the LEDs of the battery charge level indicator **3** flash. They light up continuously as soon as the battery is fully charged. Charging the battery should be performed with the included USB-C charging cable **10**. To charge, connect the USB-C charging cable **10** to a standard USB power supply (5 V, max. 1 A) or to a computer. To do this, open the rubber cover on the back of the light and connect the charging socket **9** underneath to the small plug of the USB-C charging cable **10**. Then connect the large plug of the USB-C charging cable **10** with the charging plug, if not already done. Then plug the connector into a power outlet. Once the battery is fully charged you can use the light again.

14. Cleaning and care

Switch off the product before cleaning. Never completely immerse the product in water. Do not use corrosive or abrasive cleaning agents. This will cause damage. Use a dry and lint-free cloth for cleaning and care. For heavier soiling, use a slightly damp cloth.

15. Disposal

If the lights are disposed of improperly, valuable resources are lost due to the rechargeable batteries they contain, and the pollutants they contain can pose a significant risk to health and the environment. The separate collection / disposal of used batteries / accumulators avoids hazards to health and the environment and valuable raw materials are recovered through recycling.

The packaging is made of environmentally friendly materials that you can dispose of at local recycling points.

In the interest of environmental protection, do not throw your product in the household waste when it has reached the end of its service life, but dispose of it properly. You can find out about collection points and their opening hours from your local administration.

You can find out about options for disposing of the discarded product from your local community or city administration. Defective or used batteries / accumulators must be recycled in accordance with Directive 2006/66/EC and its amendments. Return batteries / accumulators and / or the device via the collection facilities offered.

16. Environmental damage due to incorrect disposal of rechargeable batteries!

Rechargeable batteries must not be disposed of with household waste. They may contain toxic heavy metals and are subject to hazardous waste treatment. The chemical symbols of the heavy metals are as follows: Cd = cadmium, Hg = mercury, Pb = lead. Therefore, hand in used rechargeable batteries at a municipal collection point. If batteries are disposed of improperly, valuable resources are lost and the pollutants contained in the batteries may pose a considerable risk to health and the environment. By collecting / disposing of used batteries separately, hazards to health and the environment are avoided and valuable raw materials are recovered through recycling.

17. Warranty

Dear Customer, You receive a two-year warranty on this product from the date of purchase. In the event of defects in this product, you are entitled to legal rights against the seller of the product. These legal rights are not limited by our warranty set forth below.

18. Warranty terms

The warranty period begins with the date of purchase. Please keep the original receipt in a safe place. This document is required as proof of purchase. If a material or manufacturing defect occurs within two years from the date of purchase of this product, we will - at our option - repair or replace the product for you free of charge. This warranty service requires that within the two-year period, the defective product and the proof of purchase (receipt) are submitted and briefly described in writing what the defect is and when it occurred. If the defect is covered by our warranty, you will receive the repaired or a new product back. Repair or replacement of the product does not start a new warranty period. The warranty period is not extended by the warranty. This also applies to replaced and repaired parts. Any damage and defects already present at the time of purchase must be reported immediately after unpacking. Repairs occurring after the expiration of the warranty period are subject to a charge.

19. Extent of warranty

The product has been carefully produced according to strict quality guidelines and conscientiously tested before delivery. The warranty service applies to material or manufacturing defects. This warranty does not cover product parts that are subject to normal wear and tear and can therefore be considered wear parts or for damage to fragile parts, e.g. switches, batteries or that are made of glass. This warranty is void if the product has been damaged, improperly used or maintained. For proper use of the product, all instructions listed in the user manual must be strictly followed. Uses and actions advised against or warned against in the operating instructions must be avoided at all costs. The product is intended for private use only and not for commercial use. Misuse, improper handling, use of force and interventions not carried out by our authorized service branch will void the warranty. To ensure quick processing of your request, please follow the instructions below: For all inquiries, please have the receipt and part number ready as proof of purchase. Please refer to the type plate or the title page of these operating instructions for the article number. Should functional errors or other defects occur, please first contact the service department named below by telephone or e-mail. If a product is found to be defective, you can then send it postage paid to the service address provided, enclosing the proof of purchase (receipt) and stating what the defect is and when it occurred. Please note that the service department must be informed before dispatch!

20. Product

Model: Vail 100

20.1 Product features headlamp

lighting time: at approx. 100 lx approx. 150 min
at approx. 70 lx approx. 200 min
at approx. 40 lx approx. 300 min
at approx. 15 lx approx. 1200 min

Battery capacity: 2000 mAh
Rated voltage: 3.7 V

21. Service + Supplier

Büchel GmbH & Co. Fahrzeugteilefabrik KG
Niesiger Straße 115
DE-36039 Fulda
Tel. +49 (0)661/9595-0
www.buechel-online.com
info@buechel-online.com

