

IMPORTANT

Although the headlights and batteries are waterproof (from rain), they cannot be used under water.

Baoch BLB-2508 uses a power voltage of DC8-12 volt.

Do not try to modify the lighting system.

Please do not use the Lithium-ion batteries provided for any other electrical system.

Please do not try to open the batteries or the battery box. If the battery box is dropped, the batteries may be short-circuited.

Please replace the batteries if this happens.

This light system has a special feature. Light output will be at its maximum until batteries are low at which the light will begin to dim until the batteries die out.

Check the power of the batteries periodically and always carry backup batteries.

When not in use, please remove the batteries from the battery box.

Before every use, please check to make sure the batteries are working.

If the headlights are dirty, use a soft cloth dipped in a small amount of warm soapy water and wipe the headlights clean.

Please do not use strong chemicals to clean the headlights as it may damage the external casing.

When connecting or disconnecting cables, do not use excessive force as it may damage the cables itself.

WARNING

People with heart-monitoring devices are not advised to install the system.

Under prolonged high wattage use, the temperature of the headlights will be high, please refrain from touching headlight lenses.

Allow the headlights to cool to avoid risk of burns.

When turning on the lights, do not look directly at the headlight as it may harm your vision.

Do not use on public street where this light may not suitable.

This light system is brighter than the halogen lights in automobiles.

Please aim the light so that it will not blind incoming traffic.

Please stop use if the wiring harness or the battery box is damaged to prevent any danger associated with this fault.

Please make sure the plug of the battery box is safe from being short-circuited.

Dispose of any used batteries according to the rules/laws in your area.

Keep this light system and its components in a safe location away from reach of children.

This system can only use the provided battery box as its source of power.

Because riding at night is more dangerous than riding in the morning, BAOCH recommends you to use this light system or any other light system safely with regards to both your safety and that of others.

While using BAOCH BLB-2508, please also be aware of other vehicles and ride safely.



BAOCH BLB-2508

BAOCH BLB-2508 Bicycle Standard Equipment Installation Please read before first time usage.



Thank you for purchasing BLB-2508. This is designed especially for intense nighttime biking. This features a unique and highly effective DC 8-12 volt lighting system. Before operating, please make sure you fully understand this manual so that you may safely operate this lighting system.

Please keep this manual for future reference.

Before off-road usage, please test the system at home so that any accidents may be prevented.

Like any electrical system, there may be unexpected problems or errors so please inspect the equipment before every usage.

This lighting system is designed to suit your purposes, whatever it may be, but any restrictions in your area may still apply.

This system recommends using a high capacity rechargeable battery as its power source. If using normal one-time use batteries, please use 35% of 3W type to prevent overheating, thus reducing effectiveness.



Power Controller

↑ 3W
□ off
↓ 8W

Battery
DC8-12V

Your local BAOCH Dealer



Suggestions for use while traveling on long trips/distance

The following are solutions for unexpected circumstances or emergencies - which may violate warranty restrictions/policies. For example: batteries are out of power - obtain a BNC connector from an electrical supplies store - the needle as the (+) end and the outer metal piece as the (-) end.

Under the emergencies described, DC 8V-14V can be used. Regular DC-12V (Lead) that doesn't need water can also be used.

Emergency situations - the lighting system must be used but the power source is not working or any other unexpected situations occur and replacements for the required parts cannot be immediately obtained and this is the only way to troubleshoot.

Installation package contents:



Headlights



Battery box



Battery bag



Appendix

Installation instructions:

Place the headlights on the bike handles.
Use a strong rubber band to secure its location. If the bike handles are too large, use a screwdriver as leverage to secure the rubber band.
Follow the instructions on the battery box to install the batteries and then place the battery box inside the battery bag.



Using the strap on the battery bag, secure the battery bag at a location you so choose.



Connect the battery cable to the headlight. You will hear a "click" signifying that the connection is properly secured.
If the battery box is placed on the shocks of the battery, please be sure that the movement of the shocks will not disturb the lighting system or its connection.

Please check the system before each use by turning on the lights to make sure it is working properly.
On rare occasions, the batteries may fall out of the battery box due to vibrations.
In such cases, you may want to secure the batteries using battery box strap provided.



WARNING
Please make sure if batteries are installed in the battery box, that the needle and the outer metal part of the plug of the battery box do not touch metal surfaces so that the battery is not short-circuited. *



TROUBLESHOOTING:

Issue: Light does not turn on (neither 3W nor 8W)
Possible causes: BNC is not properly connected or the batteries are defective or has no power.
Solution: Check power connections and make sure that batteries are good.
Issue: 8W does not turn on
Possible causes: Temperature is too high, causing the light to shut off.
Solution: Switch to 3W output
Issue: Low light output
Possible causes: Battery installation error
(one or more batteries installed in reverse)
Solution: Check/reinstall batteries

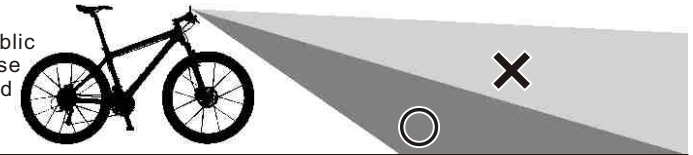
Issue: Short usage time
Possible causes: Bad battery
Solution: Use new batteries
Issue: Light turns off due to vibrations
Possible causes: Batteries may have come loose from the battery box.
Solution: Reinstall batteries and secure with strap provided.
Issue: Light flickers, does not turn off
Possible causes: Moisture in the headlight
Solution: Disconnect the battery from the headlight, reconnect when headlight dries or moisture is no longer present in headlight.

Instruction for aiming the light:

On a flat road with no other lights nearby, turn on the lights and aim the lights to suit your preference. It is recommended to aim the lights at between 6-10 meters.



If you are riding on public roads or streets, please make the light is aimed so that it will not blind incoming traffic.



Power usage and battery suggestions:

This system can use rechargeable batteries as its power source. If using one-time use batteries the light output can only be 35% effective of 3W type battery.
If using fully charged 8W batteries, the expected operation time is 2.5 hours after which the light output will begin to dim.
Before turning on the light, make sure that the cables are properly connected and select an output type.

Power usage options:

- 3W - expected operation is 10 hours
- 8W - expected operation is 2.5 hours



High wattage power usage cautions:
When using 8W, please be aware that the temperature of the headlights may be hot. Do not use over 20 minutes in areas where there is no air circulation. Under situations where the temperature of headlights is too high, the lights will turn off to prevent damage due to overheating.



Power usage times are only an estimate and may vary.

Options for recharging batteries:

While charging, the LED will illuminate as red and will turn green to signify that the batteries are fully charged.
While charging, the AC charging equipment and the batteries will be warm - this is normal.
Please keep the battery at full charge when not in use to extend the battery life.
Do not place battery charger in a damp or dusty location or areas affected by oil fumes or steam.
Do not open battery charger case.
Battery charger is for indoor use only.
Do not leave battery connected to charger over 48 hours continuously.



Charger



BL-0822
7.4V 2200mA



BL-0846
7.4V 4400mA

SPECIFICATIONS & WARRANTY

Lamp: 5 Watt LED x 2
8W 450 Lumens Maximal
Battery box: 8 AA Alkaline
Input Voltage: DC 8-12V

Operating Temperature : 0°C - 40°C (32°F - 104°F)
Storage Temperature : -20°C - 60°C (-4°F - 140°F)

1 Year Warranty-covers manufacture defects (headlights, battery box, securing equipment)
90-day Warranty: All batteries and chargers against manufacturer defects only.
Warranty Policies:
Must have original receipt of purchase. If there is no receipt, the product date of manufacture will be used to determine eligibility.
The warranty does not cover damage or defects due to wear and tear from normal/off-road use, from modifications, or from misuse.
We are not responsible for any harm or accidents resulting from use of this product.

We reserve the right to make any changes to our policies and design without notification.