

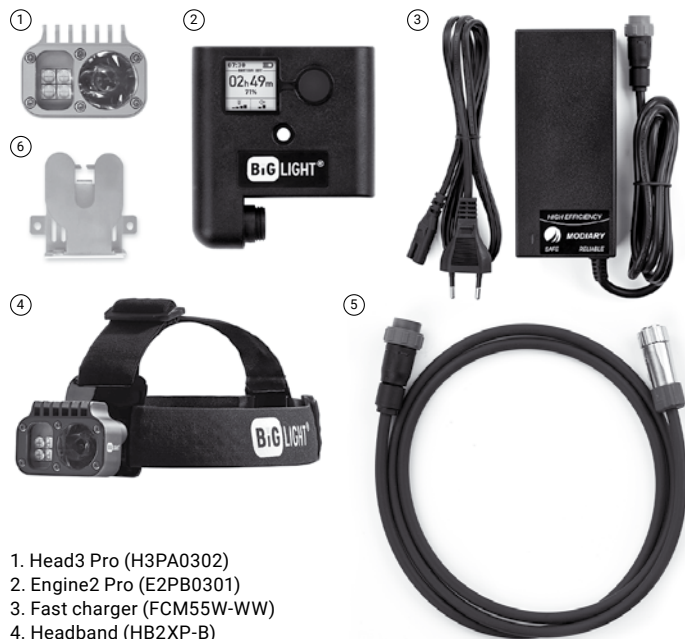
**BIG LIGHT®**

# Headlamp for professional use



USER MANUAL

## BASIC DESCRIPTION AND CONTENTS OF THE PACKAGE



1. Head3 Pro (H3PA0302)
2. Engine2 Pro (E2PB0301)
3. Fast charger (FCM55W-WW)
4. Headband (HB2XP-B)
5. Short or long cable (SC450BH-B/LC1250BH-B)
6. Battery helmet mount (BM14021-N)

Please contact the vendor / distributor if any items are damaged or missing.  
The headlamp is suitable for persons above 12 years of age without any limitations.

People with physical or technical limitations and children between 6 and 11 years may only use the headlamp under the supervision of a parent or guardian.

## SAFETY INSTRUCTIONS

1. Do not use defective headlamps or accessory parts and contact vendor / distributor.
2. Always check the headlamp for functionality prior to use and, to be on the safe side, carry a replacement lamp and sufficient replacement batteries with you.
3. Repairs, additions or modifications to the headlamp or battery are not permitted as these may lead to damages to the headlamp or a safety risk.
4. **RISK OF SHORT-CIRCUITING**  
In order to avoid the risk of a short-circuit when recharging:
  - Do not touch the charging contacts with damp or metal objects.
  - If needed, clean the charging contacts.
  - Only recharge headlamp/battery packs in dry rooms.
5. **EXPLOSION OR RISK OF ACID BURNS**
  - Batteries/battery packs can explode if exposed to strong heat.
  - Leaking of battery fluid can cause chemical burns.
6. Therefore do not expose batteries and battery packs...
  - To direct sunlight or great heat over an extended period of time.
  - Do not heat them or throw them into the fire and avoid heat buildup in the headlamp by covering it, for instance.
  - Do not open, damage, or short-circuit them.
  - Only recharge them if they are labeled as rechargeable.
  - Do not store them within the reach of children.
7. In case of leaking batteries, place a cloth underneath them and prevent the skin, eyes and mucous membranes from coming into contact with the battery fluid. In the event of contact, immediately rinse the affected parts with plenty of clean water and consult a doctor.
8. Do not attempt to charge under +10°C
9. Do not attempt to use above +60°C
10. The battery is not fireproof, do not throw into fire.
11. Do not attempt to perform any physical modifications to the device. The manufacturer does not take responsibility for the damage caused by such modifications.

## STARTUP AND OPERATION

1. Connect the cables paying heed to the orientations of the position signs.
2. The light shall blink once to indicate the operability.
3. There are 2 buttons on the headlamp: one of them for the **four-grade diffused light** (each press increases the luminosity, after the fourth it shuts down the light; the first press activates the mildest intensity, which is also a bivouac night light or a power saving mode).
4. The other button operates the **reflector** LED in two stages (the first press activates the strongest light, the second decreases the luminosity, the third shuts down the light).  
Runtime and lumens: [www.biglight.io/pages/tech-specs](http://www.biglight.io/pages/tech-specs)
5. The light sources can be operated simultaneously, in any combination.
6. If the light is turned off, after 3 minutes it goes to power save mode. In order to activate the operation mode, press either button for at least 3 seconds. Please keep in mind that there is some discharge even in power save mode, therefore in order to save battery power, store the device with disconnected cables.
7. The screen displays the charge level percent (%) and the estimated running time in the given operating mode continuously.

## CHARGING THE BATTERY

1. During charging the screen displays the estimated remaining charging time.
2. You can leave the battery on the charger as long as you want to, the charging stops when completed.
3. For the best results, store in full charged mode.
4. If the battery depletes completely, the display shuts down. Connect the charger, but be aware that the charging might not start until hours later. Be patient.

## BATTERY SETTINGS

There is a button on the battery. Short press it to change the screens:

- (a) Main screen, battery information;
- (b) Temperature;
- (c) Clock (long press the button to activate the clock setting screen. Short press to increase the active item, long press to jump to the next item. When finished the last item, long press to save the setting and go back to the clock display screen).

## TROUBLESHOOTING AND MAINTENANCE

To extend battery life, always keep it between 10-90% charge level and check it every month if the battery is not in use.

### Disposal

- The headlamp must be disposed of at a suitable place of disposal according to the local recycling regulations concerning electronic waste
- Submit used batteries/battery packs to a local battery collection point or anywhere where batteries/battery packs are sold in accordance with the local regulations.

### Cleaning

The following should be noted for cleaning:

- Clean the headlamp and its accessories only dry using a lint-free cloth.
- If the headlamp comes into contact with salt water, remove the salt water immediately and fully with a lint-free cloth.
- Wash the headband in clear water and let it dry before use.
- Do not use any chemical or solvent-based detergents or disinfectants.
- **Attention:** Damage to surfaces. Solvents can damage surfaces or decompose materials! Therefore:
  - (a) Do not use any cleaning agents or disinfectants.
  - (b) Do not use scouring agents.
  - (c) Do not use gasoline, paint thinners or similar products.

## WARRANTY INFORMATION

BigLight ensures the safety and proper functioning of the headlamp only under the following conditions:

- The headlamp and battery is used according to the intended purpose, and operated and maintained in accordance with the information incorporated in this Manual;
- Only original spare parts or accessories approved by BigLight are used;
- The headlamp and the battery is not modified in any way.
- BigLight is committed to continuously improve its products to serve the community with high quality tools in order to continue earning the trust of its customers.
- All BigLight products are warranted for one year against any faults in materials or manufacturing. For headlamps our warranty is three years.
- Limitations of the guarantee include normal wear and tear, modifications, or improper storage, and corrosion or oxidation. Also excluded from the guarantee is any damage caused by accidents, negligence, poor maintenance and uses for which the product was not designed. BigLight Europe will repair or replace defective merchandise at its discretion; items that cannot be economically repaired will be replaced. All warranty judgements will be made by BigLight's after sales and service staff.
- Every BigLight product is marked with a manufacturing date and serial number. Using this informations our after sales and service staff is able to determine if a product is within the warranty window. If a product is within the warranty window, BigLight Europe will perform any necessary repairs or replacement at no charge to customer. BigLight Europe is not responsible for inbound return freight, but will pay outbound freight on product repaired or replaced under warranty.
- If a product is outside the warranty window, or if the damage is due to user neglect or improper usage (i.e. corrosion), the warranty department will contact the customer to discuss possible options for repair. No charges will be levied without the consent of the customer.

## CUSTOMER SERVICES CONTACTS

Web: [www.biglight.io](http://www.biglight.io)  
Email: [shop@biglight.io](mailto:shop@biglight.io)