

# Operation Manual

## LED Headlamp

Prod. No. 849821 Mod. No. JLHL-220



Thank you for purchasing a professional quality STARTECH® LED Headlamp. Please read this document in its entirety to ensure you are getting the most out of your headlight. With proper care your STARTECH® LED Headlamp will provide many years of reliable service.



**WARNING! Surface Mounted Diodes emit very bright light. Never shine beam directly into anyone's eyes and do not look directly into beam to prevent risk of permanent damage to eyesight.**

### Features

- Highly efficient Cree® Surface Mounted Diode produces an intense ultra-bright white light
- SMD technology is more robust and produces 2 x the light of standard LED bulbs
- Lifetime of up to 100,000 hours
- IPX-5 water resistant rating
- Drop tested to 1.5 meters
- Front light tilts to 9 positions for easy aiming at work
- Equipped with sensor, allowing user to turn light off and on with a wave of the hand
- 5 position switch cycles between 100% with sensor, 100%, 25%, mini-lights, and SOS flash
- Separate switch at back controls rear mounted red warning light
- Fully adjustable head band can be worn with or without a hat or helmet
- Rear mounted battery pack

### Specifications

Beam Distance	Lumens @ 100%	Lumens @ 25%	Run Time @ 100%	Run Time @ 25%
120m	220	50	6 hours	20 hours

### Operating Instructions

1. Twist off battery cap and insert batteries as indicated on battery case. To replace battery cap simply line it up with the battery case and press until hooks engage tabs.
2. Press button on top of front light once. This turns on the light and activates the hands-free sensor. Waving a hand in front of the light will turn the light on and off. Sensor activation is indicated by a small red light visible above the main light.
3. To turn light on without sensor function, press button twice in succession.
4. Continue pressing button in succession to cycle between 100% with sensor, 100%, 25%, mini-lights, and SOS flash functions.
5. Press switch on side of battery box for solid or flashing rear facing red safety lights.

### Maintenance

1. Do not attempt to dismantle sealed parts of the headlight.
2. Use quality batteries and replace all batteries at the same time with the same brand.
3. If headlight is to be stored for long periods, remove batteries to prevent damage due to leakage.
4. If light does not turn on replace batteries. If performance is not satisfactory clean battery contact points inside battery case with rubbing alcohol. If performance is still not satisfactory return light to your dealer for repair or replacement under our standard warranty policy.
5. Do not dispose of batteries in household trash.



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### Warranty

#### One-Year Limited Warranty Against Defects in Materials or Workmanship

STARTECH® warrants this product to be free of defects in materials or workmanship for a period of one year after sale to the end user. Please see your dealer for instructions on making a warranty claim. Note batteries shipped with this product may have been subject to long storage periods prior to final sale. Batteries are provided as a convenience only. Please source replacement batteries locally. Dead or weak batteries do not constitute a warranty claim.