

# Operation Manual

## Professional Flashlights



Thank you for purchasing a professional quality STARTECH® flashlight. Please read this document in its entirety to ensure you are getting the most out of your flashlight. With proper care your STARTECH® flashlight 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
- Machined aluminum reflector gathers and focuses light for maximum output
- Advanced Focus System allows user to focus from spot to wide angle beam
- Aircraft-grade aluminum body for durability and resistance to corrosion
- Premium Stage III anodization resists scratches and meets military specifications
- IPX-6 water resistant rating
- Drop tested to 1.5 meters
- Gold-plated contacts prevent corrosion
- 5-way switch cycles between 100%, 50%, 25%, flashing, and SOS modes (except model JLPL-100)
- Tail-mounted switch for tactical applications (except model JLPL-500)

- Reverse polarity protection prevents damage if batteries are inserted incorrectly
- All models include batteries, lanyard, and spare o-rings (batteries not included with model JLFL-600U)

### Operating Instructions

1. Remove tail cap and insert batteries with positive (+) pole facing toward front of flashlight.
2. Press tail switch halfway for temporary light or to cycle through various power modes if available (see chart). Press fully until button clicks to turn flashlight on. Press button multiple times to cycle through 100%, 50%, 25%, flash, and SOS power modes. Once a mode has been selected and engaged for 5 seconds, pressing switch again turns off flashlight.
3. Pull head of flashlight forward or backward to focus from narrow spot to wide beam
4. **For model JLFL-600U:** to recharge, plug included cable into any USB charging device. To reveal USB port rotate center collar. Can also be powered with 3 x AAA batteries (not included).

### Maintenance

1. Do not attempt to dismantle sealed parts of the flashlight.
2. Use quality batteries and replace all batteries at the same time with the same brand.
3. Periodically inspect the o-rings at the base of the threads on the battery cap and lens housing and replace if nicked, torn, gouged or otherwise damaged to maintain water resistance.

4. If flashlight is to be stored for long periods, remove batteries to prevent damage due to leakage.
5. If light does not turn on, replace batteries. If performance is not satisfactory, clean battery contact points inside tube with rubbing alcohol. If performance is still not satisfactory, return light to your dealer for repair or replacement under our standard warranty policy.
6. Do not dispose of batteries in household trash.



**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.**

### 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.

### Specifications

Prod. No.	Model No.	Beam Distance	Lumens @ 100%	Lumens @ 50%	Lumens @ 25%	Run Time @ 100%	Run Time @ 50%	Run Time @ 25%
849802	JLPL-100	50m	100	n/a	n/a	5 hours	n/a	n/a
849812	JLFL-150	200m	150	70	35	2 hours	4 hours	8 hours
849817	JLFL-230	200m	230	110	50	6 hours	12 hours	24 hours
849818	JLFL-500	300m	500	300	150	3 hours	10 hours	20 hours
849819	JLFL-600U	150m	600	300	150	2 hours	3.5 hours	7 hours