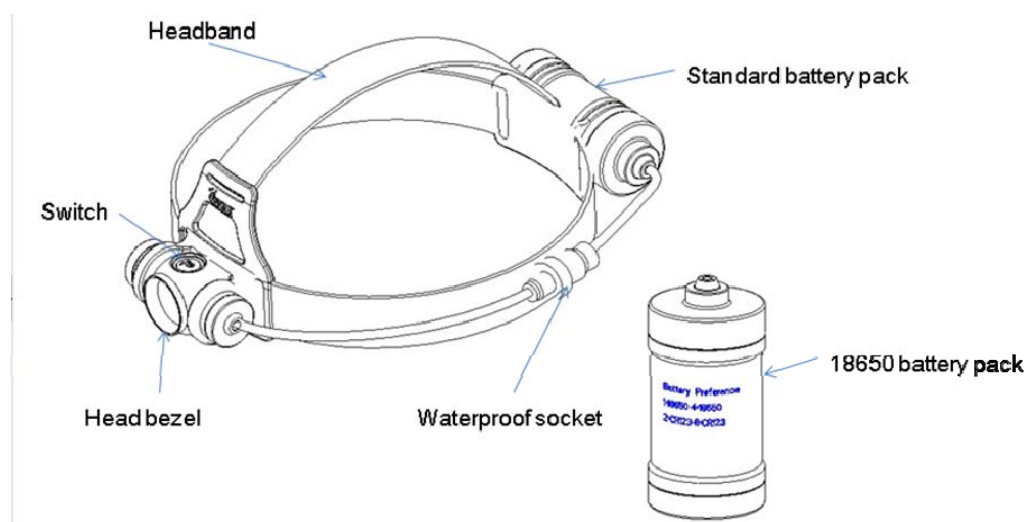


## User Manual for SX5 series

### ⓘ Cautions

- Keep your lamp away from children
- Do not leave your lamp on unattended
- Do not shine your lamp directly to eyes
- Do not leave the battery inside the headlamp when not in use for extended periods
- Loosen the battery tailcap to avoid mis-operation when storing the headlamp

### Structure



### Insert battery

Please choose battery type based on different personal favorites, then insert batteries into the according battery rack, follow the polarity indication on the battery rack.

#### Battery types

- 3\*AAA
  - 3\*AA
  - 1\*26650 Li-on rechargeable
  - 1~4\*18650 Li-on rechargeable or 2~8\*CR123(only in optional 18650 battery pack)
- ※ **Please do not use RCR123 or 16340 Li-on cells to prevent circuit damage causing by over-voltage discharge, working range is below 6.8V.**

### Features

- Aluminum alloy material with Class III hard anodized finishing
- SCHOTT ultra clear lens
- Reverse polarity protection
- IPX8 waterproof

Thanks for choosing Spark product, please visit [www.spark-light.com](http://www.spark-light.com) for more information, or you can contact [service@spark-light.com](mailto:service@spark-light.com) for any questions.



- Weight
  - without battery: 90g
  - with battery and headband: 140g
- Dimension
  - Length: 65mm
  - Width: 35mm

## Operation

- Single click to turn the headlamp on & off.
- Hold on button to go through Minimum, Medium 1&Medium 2, Max modes. When desire mode is reached, release to stop brightness ramping and current mode is memorized.
- At any mode, quick double click on button to trigger the Super mode. Double click again to return to the previous mode.
- When using optional 18650 battery pack, please screw off and pull out the waterproof socket to plug in. Remember to screw tight for securely waterproof.

## Emitter Information

- SX5-NW XML T5 neutral white
- SX5-CW XML T6 cool white

## Output & Run time

P/N	Battery	Super	Max	Med2	Med1	Low
SX5-CW	3*AAA	350lm/0.9hours	180lm/1.9hours	60lm/6.5 hours	8lm/40 hours	0.5lm/35days
	3*AA	350lm/2hours	180lm/4.2hours	60lm/14.5hours	8lm/150hours	0.5lm/70days
	1*26650	350lm/4.5hours	180lm/10hours	60lm/34hours	8lm/15days	0.5lm/180days
	4*18650	350lm/11.5hours	180lm/25hours	60lm/86hours	8lm/42days	0.5lm/380days
SX5-NW	3*AAA	320lm/0.9hours	170lm/1.9hours	55lm/6.5 hours	8lm/40 hours	0.5lm/35days
	3*AA	320lm/2hours	170lm/4.2hours	55lm/14.5hours	8lm/150hours	0.5lm/70days
	1*26650	320lm/4.5hours	170lm/10hours	55lm/34hours	8lm/15days	0.5lm/180days
	4*18650	320lm/11.5hours	170lm/25hours	55lm/86hours	8lm/42days	0.5lm/380days

## Maintenance

- Avoid sharp objects around the lens to prevent scratching or damage
- Remove the battery when not in use extended periods
- Replace the worn out or damaged O-ring for better water seal
- Do not attempt to fully disassemble the headlamp for case of damage
  - \* For any case of can not recover it to normal operation, please contact local dealer or distributor for warranty service or contact [service@spark-light.com](mailto:service@spark-light.com)

## Standard parts

- SX5 with headband and standard battery pack
- 3\*AAA & 3\*AA battery rack each
- 26650 battery sleeve

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**Optional parts**

- 18650 battery rack with 4\*18650 battery rack
- 80CM extension cable
- AC adaptor for 18650 battery pack

**Warranty**

Spark Technology provides one year warranty and free replacement within 7 days after receipt.

Misuse voids warranty. More detail please contact us or visit [www.spark-light.com](http://www.spark-light.com).