MOUNTAINLAB

FLASHLIGHT KIT
X1800

User Manual

For warranty service please visit
mountainlabgear.com

⚠️ **WARNING**

Never look directly at or shine the flashlight into the eyes of a person or animal.

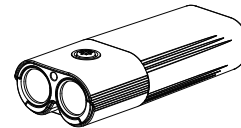The flashlight should be used under adult supervision only.

Avoid contact with the area near the lens of the flashlight after periods of use, as it may be extremely hot.

Avalanche transceivers can experience interference from all electronic devices in close proximity, including flashlights —even when they are powered off. Do not use your flashlight in close proximity to an avalanche transceiver in use. For more informat ion on avalanche transceiver interference, refer to the manufacturer of your transceiver.
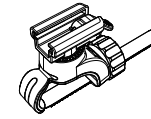
Charge the flashlight battery in temperatures between 5˚C and 40˚C. Do not charge or store the battery in extreme environments.

This product should be charged before first use and at least once every three months in storage. Failure to do so may result in damage to the battery.
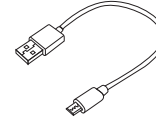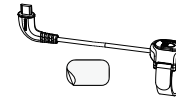

▶ **X1800 KIT CONTENTS**
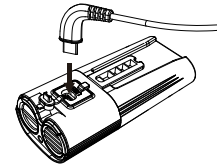

X1800 Flashlight   Handlebar bracket

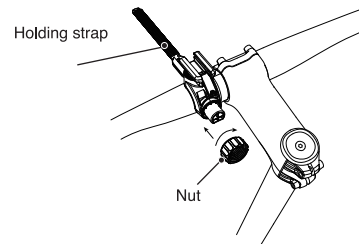micro-USB charging cord   Wired remote

Helmet mounting bracket *(not shown)*
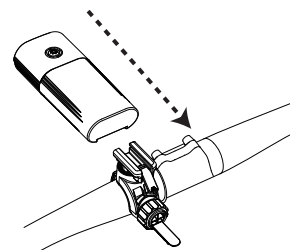
▶ **HOW TO CHARGE THE FLASHLIGHT**

Charge the flashlight battery fully before first use.
To charge the battery, insert the included micro-USB charging cable plug into the micro-USB port on the bottom of the flashlight. Then, insert the USB plug on the other end of the charging cable into a household USB charging adapter or computer USB port.
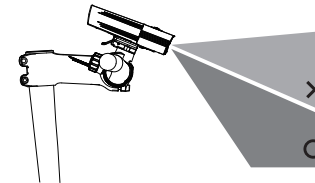

Battery Charging Indicator

Flashing red light – the battery is charging

Solid blue light – the battery is fully charged

USB Port

Power Bank Function
The X1800 may be used as a power bank to charge your smartphone or other electronic devices.

To do so, insert the USB plug of your device's charge cord into the USB port on the bottom of the flashlight.

▶ **FLASHLIGHT OPERATION**

Power On and Off
Press and hold the button for ¾ second to power on or off the flashlight. The flashlight will turn on in the same intensity setting it was last used. The default factory brightness intensity setting is 'Eco'.

Adjust Brightness
With the flashlight powered on, briefly press the button to change the brightness intensity setting.

Intensity Setting	Brightness (lumens)	Battery Life
Turbo	1800	1h 55m
High	900	4h 30m
Medium	500	6h 25m
Low	200	12h 30m
Eco	50-100	50h

Strobe Mode
To enter Strobe Mode, press and hold the button for two seconds. The flashlight will strobe continuously at full power. Press and hold the button for two seconds to exit strobe mode.

Setting	Lumens	Battery Life
Strobe	1800	2h 45m

Lockout Mode
To prevent the flashlight from being powered on unintentionally (for example, when carried inside a backpack), the flashlight may be placed into Lockout Mode.

To enter Lockout Mode, press and hold the button for 10 seconds while the flashlight is powered on. The flashlight will power off and become locked out.

In Lockout Mode, the flashlight cannot be powered on normally. Lockout Mode must be exited before normal operation can resume.

To exit Lockout Mode, press and hold the button for 10 seconds. The flashlight will power on and resume normal operation in the lowest intensity setting.

▶ **MOUNT FLASHLIGHT BRACKET TO HANDLEBARS**

Holding strap

Nut

To mount the flashlight bracket to handlebars, first remove the nut, then wrap the strap around the bars and insert it back through the slot in the bracket. Slide the nut over the end of the strap and tighten it onto the threads.
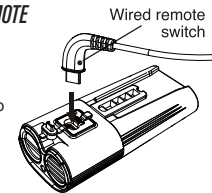

To attach the flashlight to the bracket, slide flashlight onto the bracket until it clicks. Check to see that it is secured. To remove, press down on the release tab and slide the flashlight off the bracket.
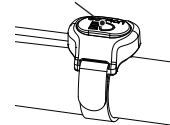

To adjust the beam angle of the handlebar mount, loosen the nut slightly. Rotate the bracket on the handlebar so that the light does not shine directly into oncoming traffic, then tighten the nut firmly to secure the bracket in place.

▶ **MOUNT AND USE THE WIRED REMOTE**

Insert the micro-USB plug of the remote switch into the port on the bottom of the flashlight. Ensure the micro-USB plug is fully inserted into the plug in order to prevent moisture from entering the unit.
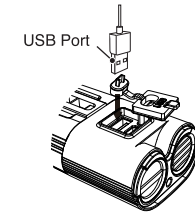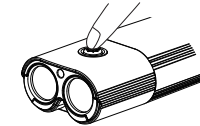
Wired remote switch

Remote switch button

Secure the remote switch firmly to the handlebar using the included sticky pad and the hook-and-loop strap.

The remote switch can be used to turn the light on or off or change intensity settings while riding.

▶ **HOW TO DISPLAY THE BATTERY LEVEL**

When the flashlight is powered off, briefly press the button. The button will become illuminated.

Blue light – 60% to 100% battery life remaining

Orange light –20% to 60% battery life remaining

Red light – 1% to 20% battery life remaining

Heat Warning
The Mountain Lab Gear X1800 is an incredibly bright flashlight that produces more than twice the light output of a 60 watt incandescent light bulb. Heat is a natural and unavoidable byproduct of such intense energy output, and the generation of heat should be expected with normal use of the product.
For safety, the X1800 is marked with a "HOT" warning in the area near the flashlight lens, where the heat is generated.
WARNING: Avoid contact with the area near the lens of the flashlight after periods of use, as it may be extremely hot.

Circuit Protection
Should the internal components of the X1800 Flashlight reach 75˚C as a result of extended use at a bright intensity setting, the flashlight will automatically switch to the Medium intensity setting. Once the temperature drops to 65˚C, the flashlight will revert back to the higher intensity setting.

High Temperature Protection
If the temperature of the internal components reaches 85˚C, the light will automatically shut down as a safety measure.

SPECIFICATIONS

Dimensions: 118*53*32.5 mm
Max Brightness: 1800 Lumens
Light Source: LUMINUS LED
Battery: 18650 7.4V 3350mAh *2
Input/Output: 5V/2A
Charging time: 4h
Weight: 201g
Waterproofness: IPX6
Light range: >200m