



USER GUIDELINE

Thank you for choosing MOON headlight!

*For using this product safely and conveniently and keeping it well-preserved, please read this manual carefully before using. Please save this manual for future reference.

*Due to the improvement of the product, the product you bought may not be exactly in accordance with the introduction of this manual. We apologize for that.

SPECIFICATION

- *1 pc CREE XM-L2 (U2) high brightness LED
- *CNC Aluminium heat sink light cap
- *Light sensitive auto ON/OFF
- *Mode memory function
- *Quick release rechargeable lithium ion battery (3.7V 1400 mAh)
- *7 modes: Mode1 / Mode2 / Mode3 / FL1 / FL2 / DAY FLASH (DOUBLE BLAST) / SOS
- *Quick release universal bracket RB-25 (fits all round bars and AERO style bars)
- *Low battery, charging and fully charged indicator
- *Automatic fully charged cut-off system
- *High precision optical lens
- *Side visibility
- *Water resistant (IPX 4)

CONTENTS INCLUDED

Contents:

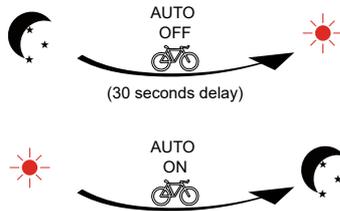
- *METEOR-X AUTO PRO
- *RB-25 (Universal handlebar bracket)
- *USB-WP (Water resistant USB cable)
- *LX-BAT-1400 (Lithium ion battery 1400 mAh)

Optional accessories:

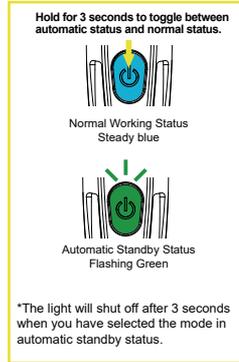
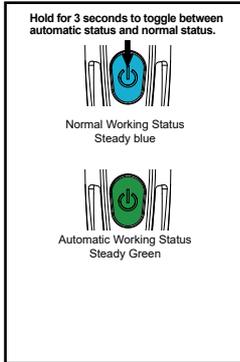
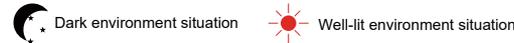
- *XP-USB (Wall charger)
- *RB-26 (Handlebar bracket)
- *RB-16 (Helmet bracket)
- *USB-RM-350 (USB remote control 350 mmL)



LIGHT SENSITIVE AUTO ON/OFF OPERATION

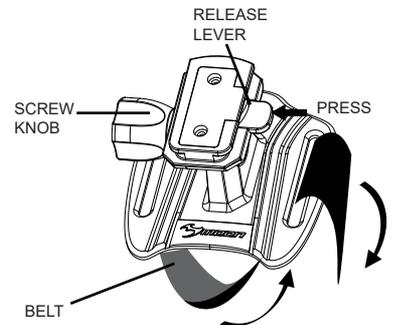
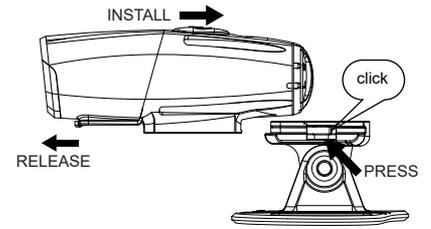


1. Turn on the light.
2. Press and hold the power button about 3 seconds to toggle between automatic status and normal status.
3. Select the mode you want to use by pressing the power button.



HOW TO MOUNT THE HEADLIGHT TO HELMET

1. Remove the belt from one side of the helmet mount.
2. Place the helmet mount into the suitable location on helmet.
3. Wrap belt around helmet and attach the end of the belt to itself tightly.
4. Insert the headlight into the helmet mount until it clicks into place.
5. Press down release lever to remove.



LIGHT OPERATION

Normal status

- * Working - steady blue

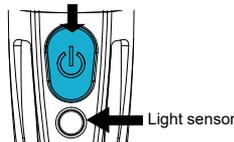
Automatic status

- * Standby - flashing green
- * Working - steady green

Low battery status

- * Steady red

Power button / Indicators



4. Press the power button about 1 second to switch off.

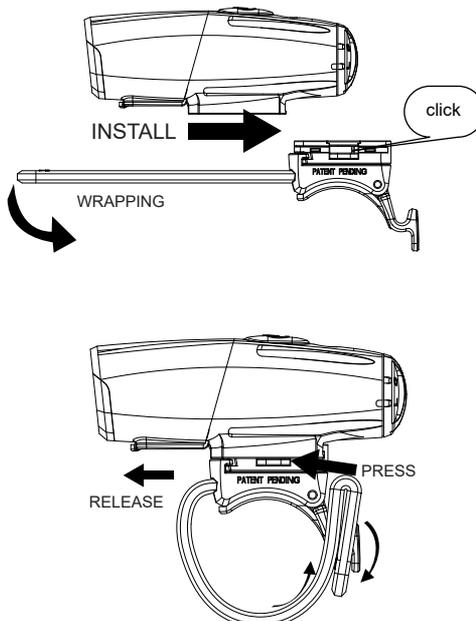


Remember switch off the light when you do not use it.



HOW TO MOUNT THE HEADLIGHT

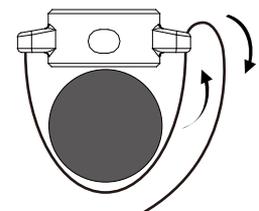
1. Install the bracket onto handlebar by wrapping rubber strap around post/bar and stretching strap around hook to secure.
2. Slide headlight forward onto bracket until it clicks into place.
3. Press down release lever to remove.
4. The bracket fits all round bars and AERO style bars.



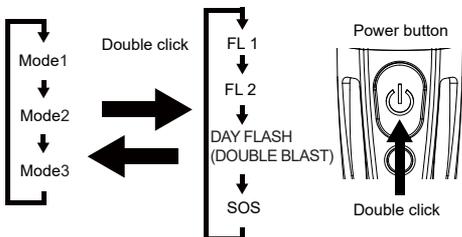
REMOTE SWITCH INSTALLATION



1. Connect the remote switch by using the usb port.
2. Put one end of the belt go through the cycle handlebar.
3. Align to the controller button and pass through.
4. Please pull the Velcro ends tightly.



1. Double click the power button to toggle between the steady and flashing modes. (With mode memory, the light will resume previous mode upon next usage.)



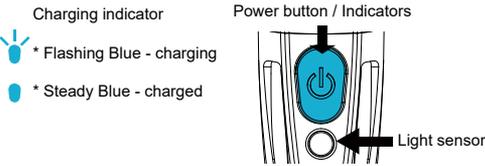
2. Press and hold the power button about 1 second to switch off. (With mode memory, the light will resume previous mode upon next usage.)



Never use the SOS sign unless there is a real emergency or danger occurring. The SOS signal is visible for several miles. The battery can support up to several hours of SOS signal usage.

CHARGE BATTERY OPERATION

Attention: If you do not use the battery for a long time, be sure to fully recharge every 3 months. Please store the battery in a cool and dry place. Recharge battery after each long usage.



CAUTION

- *Do not charge over 5V the battery will result in damage.
- *Light sensor mode must be off before charging.
- *Keep away from flammable objects while charging as this may lead to fire or battery explosion.
- *Do not smoke while charging as the battery may release hydrogen gas. Always charge your battery in a well-ventilated space.
- *Never connect or disconnect the plug or cord with wet hands whilst charging. Do not connect or disconnect the plug or cord when they are wet, it may lead to electric shock.

1. Find the charging place under the head part of the light.
2. Lift the rubber cover and you'll see the charging port.
3. If using USB cable, connect it to your computer USB port.
4. If using wall charger, connect it to the wall outlet. (100 to 240 volts)
5. Charge time may depend on computer or wall charger.
6. When the battery is fully charged, please unplug the USB cable or wall charger. Then replace the rubber cover.

7. It is normal that the battery may get high temperatures during charging (up to 104°F/40°C), as the chemical in battery is in reaction. If the battery is not drained completely before charging, it may also get warm.

8. Several factors can influence the battery's durability: type of cell strain, the maintenance routine, the temperature and number of charges etc. Normally speaking, the higher the battery capacity, the longer the burn time.

9. The battery capacity may become ineffective about 80% of its value after 300-500 charge/discharge cycles. The battery may have 3 years life span under good care.

10. The battery voltage and capacity decrease apparently at low temperatures, especially near or below ice point. The capacity decreases 5%-10% at freezing (burn time decreases 50%). At -20°C, the capacity decreases 30% (burn time decreases 70%). The battery performance will return normal when the temperate gets up to 70°F/20°C. The battery will lose around 1% of its capacity per day when you store the battery at normal room temperature. Battery temperate should never exceed 104°F/40°C, it will lose about 5% of its capacity per day.

11. If you do not use the battery for a long time, be sure to fully recharge every 3 months. Please store the battery in a cool and dry place.

BEAM ADJUSTMENT

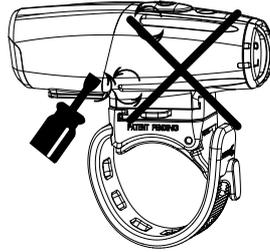
To adjust the horizontal beam, spin the headlight left to right for your best side to side beam angle. To adjust the vertical beam angle, loosen the mounting and rotate the light up and down to your best vertical beam angle, then tighten the mounting.



The beam is widely dispersed, besides its high brightness. To prevent from blinding the oncoming vehicles on the public roads, you'd better adjust the angle downward.

HOW TO CLEAN AND CARE THE LIGHT

*Make sure to clean the dust and dirt on the light with soft damp cloth after every ride.
*Water resistant is for rain water only. Do not submerge the battery or the whole light into water when cleaning.



CAUTION: When riding at night, please follow the guidelines below:

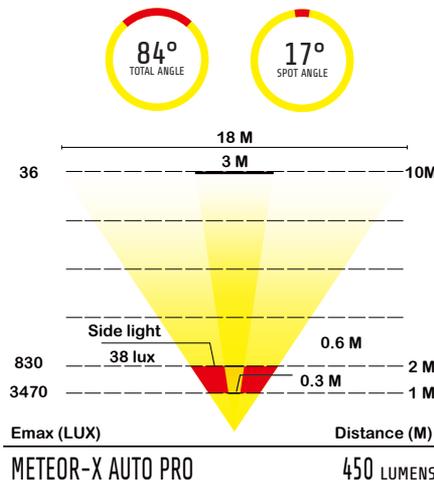
- *Carrying a flash light is recommended.
- *Use caution when handing, the light may get hot.
- *Unplug the battery and headlight if not in use.
- *Unplug connector by the plug, never by the cable.
- *Do not dismantle the headlight and battery case.
- *Do not store head unit when hot or straightway after use.
- *Do not control any part of the system under water.
- *Do not look directly at light.
- *Do not leave the light on and unattended.
- *Keep headlight and battery away from fire and combustible materials.
- *Do not store head unit when hot or straightway after use.
- *Unplug the light, charger and cable once the battery is fully charged.
- *This light is for bicycle use only.

RUN TIME

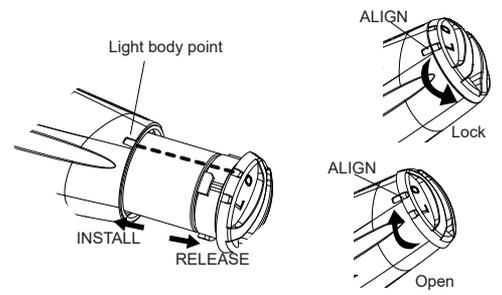
Hold for 3 seconds to toggle between automatic status and normal status.

Mode	Lumens	Run Time	Weight	Recharge Time
Mode1	450	1:30	85 g	2.5 hrs
Mode2	250	3:00		
Mode2	150	5:00		
◆ Double click				
FL1	100	20:00		
FL2	300	18:00		
DAY FLASH (DOUBLE BLAST)	700	45:00		
SOS	100	24:00		

*The time of recharging depends on which method (wall charger or computer) is being used.



HOW TO INSTALL AND RELEASE THE BATTERY



Battery installation

1. Align the "point O" to the light body point. Install the battery cover into the light body.
2. Turn right to close the battery cover until the "point L" align the light body point.

Battery release

1. Turn left to open the battery and the battery will pop out slightly.
2. Pull the battery out from the light body.

***Attention:** To maintain smooth battery installation / release, use bicycle friendly grease to lubricate the battery cover opening and battery o-ring.

OVER HEAT PROTECTION

The over heat protection device can ensure the bicycle light in a good running temperature condition, so that to protect the LEDs without burning case.

When the bicycle light is running and without adequate air flow, this protection device will automatically start to dim the light to standard brightness mode, it can reduce the heat of the light and ensure the LEDs won't get damage due to over heat.

Once the air flow condition of the light is improved, the running temperature of the light will go down, then the over heat protection device will cut, the brightness of the bicycle light will get back to the beginning of the selected mode.

SIMPLE PROBLEMS ANALYSIS AND SOLUTION

1. Problem: The light is not on

Solution: Check if the battery still has power
Check if the power button is pressed hard
Check if the battery is installed correctly
Check if the USB remote control is properly plug in

2. Problem: The light turns off over rough terrain

Solution: Check if the battery is fully inserted.

WARRANTY

MOON warrants to the original purchaser of this product that the product is free from defects in material and workmanship for a period of one year. This warranty does not apply to damage due to heat, physical damage resulting from abuse, neglect, improper repair, improper fit, or alterations of the fixture. This warranty is in lieu of all other agreements and warranties, general or specific, express or implied and no representative or person is authorized to assume liability on behalf of MOON in connection with the sale and use of this product.

MOON reserves the right to request the return of any product submitted for warranty consideration. All customers should contact the local dealer or regional distributor for warranty service.

To make a claim, first call local dealer or regional distributor. Some issues may be resolved upon the initial call. If return of the product is necessary, please refer to the following instructions:

*We recommend that items be sent by a traceable method (such as FedEx or UPS). MOON is not responsible for lost or misdirected packages.

*Please include your full contact information (name, address, phone number, and email (if applicable)), and a description of the issue.
*Address items to: local dealer or regional distributor

What is not covered: MOON Lights are covered by a ONE YEAR LIMITED WARRANTY from the date of purchase. This covers the lights and cables only. It does not cover the battery or battery internals.

Batteries are covered by 120 days warranty.

For more information please contact us at cs@moon-sport.com.
<http://www.moon-sport.com>

*The specifications and design are subject to change without notice.