Thank you for choosing MOON light!
*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**

- **MK-2-W 1 pc (16 chips)** COB high brightness white LED
- **MK-2 1 pc (30 chips)** COB high brightness red LED
- Day flash mode
- *Auto safe mode
- *Light mode memory
- Rechargeable lithium polymer battery (3.7V 500mAh)
- 7 modes: Mode1 / Mode2 / Mode3 / Flash1 / Flash2 / Flash3 / Day Flash
- *3 O-rings for mounting: RS-D (fits 20-26mm diameters) RS-E (fits 26-35mm diameters) RS-F (fits 35-52mm diameters)
- *Rubber pad: (fits AREO / ISP PROPEL / Standard)
- *Low battery, charging and fully charged indicator
- *Automatic fully charged cut-off system
- *Side visibility
- *Water resistant (IPX 4)

**CONTENTS INCLUDED**

- **Contents:**
  - MK-2-W
    - *MK2-PP-00 (Rubber pad)
    - *3 O-rings for mounting: RS-D (fits 20-26mm diameters) RS-E (fits 26-35mm diameters) RS-F (fits 35-52mm diameters)
    - *USB-MICRO (USB cable)
  - MK-2
    - *MK2-PP-00 (Rubber pad)
    - MK2-PP-AR (Rubber pad)
    - 3 O-rings for mounting: RS-D (fits 20-26mm diameters) RS-E (fits 26-35mm diameters) RS-F (fits 35-52mm diameters)
    - *USB-MICRO (USB cable)

**LIGHT OPERATION**

1. Press the power button to choose the modes: In this method three modes are cycled.

2. Press and hold the on / off button around 1 second to turn off.

**HOW TO MOUNT THE LIGHT**

1. Choose the strap to fit in the bar.
2. Make sure the strap is click in place of the hook.
3. Hold the light on the seat post/handle bar.
4. Wrapping rubber strap around bar and stretching strap around hook to secure.

**BEAM ADJUSTMENT**

To adjust the horizontal beam, spin the light 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.

**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

   Rubber pad replace
   1. Release the rubber pad.
   2. Choose the appropriate rubber pad to install
**HOW TO CHARGE BATTERY**

Attention: If you do not use the battery for a long time, be sure to make it a fully recharge every 3 months before storing again. Please keep the battery in cool and dry place when storing. Once you start using the light, you’d better keep using it.

1. Find the charging place at the back of the light.
2. Lift the rubber cover and you’ll see the charging port.
3. Plug the USB cable to your computer USB port.
4. Plug the charger cable to the charger port.
5. The charging indicator shows slow flashing orange when the light is charging, after fully charged it changes to steady.

6. 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.

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

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

9. 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 will return normal when the temperature 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 temperature should never exceed 104°F/40°C, it will lose about 5% of its capacity per day.

10. If you do not use the battery for a long time, be sure to make it a fully recharge every 3 months before storing again. Please keep the battery in cool and dry place when storing.

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 light if no use.
*Unplug connector by the plug, never by the cable.
*Provide sufficient airflow to the light for cooling during 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 light away from fire and combustible materials.
*Do not store head unit when hot or straightway after use.
*Unplug the USB cable when fully charged.
*This light is for bicycle use only.

**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.
- Unplug the light, charger and cable once the battery is fully charged.

**MK-2 W RUN TIME**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Lumen</th>
<th>Runtime</th>
<th>Weight</th>
<th>Charge Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mode 1</td>
<td>30</td>
<td>Up to 5 hours 30 mins</td>
<td>29 g</td>
<td>2 hours</td>
</tr>
<tr>
<td>Mode 2</td>
<td>60</td>
<td>Up to 2 hours 30 mins</td>
<td>20 g</td>
<td></td>
</tr>
<tr>
<td>Mode 3</td>
<td>120</td>
<td>Up to 1 hour 30 mins</td>
<td>15 g</td>
<td></td>
</tr>
<tr>
<td>FL1</td>
<td>50</td>
<td>Up to 17 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FL2</td>
<td>120</td>
<td>Up to 7 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FL3</td>
<td>120</td>
<td>Up to 11 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day Flash</td>
<td>240</td>
<td>Up to 21 hours 30 mins</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CAUTION**

- Power button
- Indicator
- USB port
- Charging indicator
  *Flashing Orange - charging
  *Steady Orange - charged
- Low battery indicator
  *Flashing Orange - low

**MK-2 run time**

- Water resistant is for rain water only. Do not submerge the battery or battery internals.
- Batteries are covered by 120 days warranty.

**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.