SAFETY PRECAUTIONS AND WARNINGS

<u>Warning</u> ⚠️

- When using, please ensure that each light strip connector is equipped with an O-ring. And the connectors of the headlights and light strips are fastened in place. Do not forcefully pull on the headlight wire and light strip wire.

- The waterproof level of Nose Searchlight and LED Strip Lights is IPX7, and they cannot be immersed in water for a long time. The immersion depth is ≤ 1m, and the immersion time is ≤ 0.5 h.

- Before each use of the Nose Searchlight, check and confirm that the USB plug must be tightly covered to prevent water from entering the USB port and damaging the device.

- Check if the battery is sufficient before each use.

- The wire of Nose Searchlight should not be used to connect other products to avoid damage or danger.

- In emergency situations, the LED of Nose Searchlight can be switched to an SOS flashing light for help.

- To ensure safety, wear a safety vest or life saving equipment on site.

- When carrying this device during transportation or on an aircraft, please carry it in accordance with relevant regulations and keep it properly.

- Keep equipment away from gas, oil, rubber solutions, or other volatile or acidic substances.

- The charging power supply should use 5V 3A or 9V 1.8A. Charging with a current higher than the recommended value may cause issues with the charging and discharging performance, mechanical performance, and safety performance of the battery, and may lead to heating or leakage.

- Users should always charge the Nose Searchlight in an open area away from flammable materials, liquids, and surfaces.

- Do not throw the Nose Searchlight into the fire.

- Do not put the Nose Searchlight in a microwave, high-pressure container, or induction cooker.

- Unauthorized repair of this equipment is not allowed to avoid leakage, damage, fire or electric

shock accidents. If there are any abnormalities, please stop using and contact after-sales service.

FCC ID：2AVFRRC-24GL

FCC statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with radio frequency exposure limits set forth by the FCC for an uncontrolled environment.

FCC Caution:

Changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.
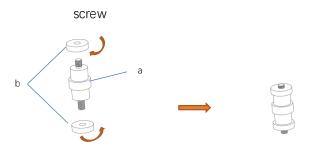
1. TECHNICAL SPECIFICATIONS

	Item	Parameter
GLOW Ambient Light System	Model	ALS-24GL
	Waterproof grade	IPX7 (short-term immersion depth ＜ 1m/30 minutes）
	Endurance	2.0 H （ Headlamp white strong light+light strip white light 100% continuous on）
		4.5 H （ Headlamp white strong light+light bar white light breathing mode）
		5.0 H （ Headlamp white strong light+light bar color changing breathing mode）
		6.0 H （Headlamp white highlight+light bar party mode）
GLOW Nose Searchlight	Model	NS-24GL
	Weight	496 g
	Size	115 x 78 x 118 mm
	Charging voltage Charging current (type-C)	DC 5V 3A or 9V 1.8A
	Charging voltage ,current	DC 5V 2.4A
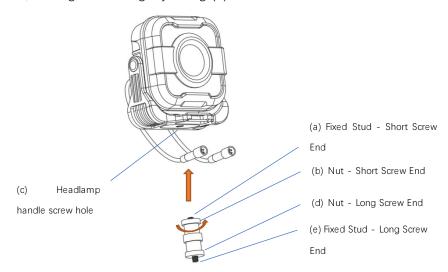
|		
	（USB）	
	Charging duration （type-C）	about 5.0 H （5V 3.0A）
	Discharge duration （USB）	About 3.5H(5V 2.4V)
	lithium battery Rated capacity	4500mAh 11.1V
	Power	Max 2.9W
	Illumination distance	2m
GLOW LED Strip Lights	Model	LSL-24GL
	Weight	170 g X2
	Length	2.8m LED light strip section+0.3m extension line X2
	Power	Max 13.8W 12V X2
GLOW Remote Control	Model	RC-24GL
	Weight	15 g(Without battery）
	Size	85 x 35 x 7 mm
	Battery specifications	1 X CR2032 3V (Not included in the packaging, must be purchased by oneself）
	Handling distance	Distance from Nose Searchlight≤ 8m

2. Nose Searchlight installation
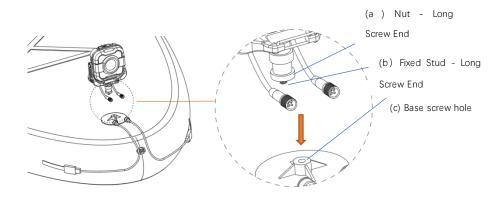
Step 1. Tighten the (b) nuts at both ends of the (a) fixing studs.
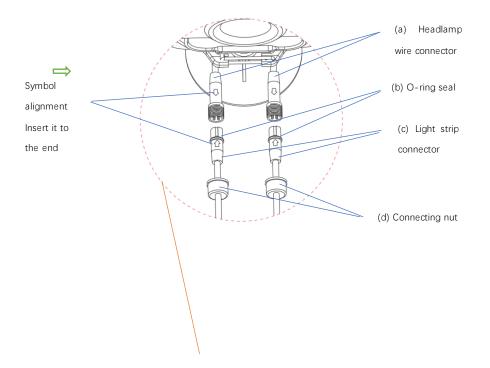
screw

a

b

Step 2. Screw the (a) fixing stud short screw end into the (c) headlight handle screw hole, and tighten the tightly fitting (b) nut short screw end.

(a) Fixed Stud - Short Screw End

(b) Nut - Short Screw End

(d) Nut - Long Screw End

(e) Fixed Stud - Long Screw End
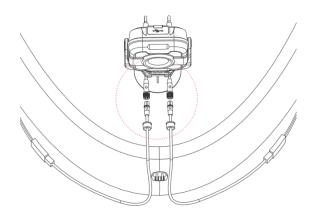
(c)　　　Headlamp handle screw hole

Step 3. Screw the (b) fixing stud long screw end into the (c) base screw hole on the slurry board, adjust the headlight angle, and then tighten the bottom (a) nut long screw end to secure the headlight.
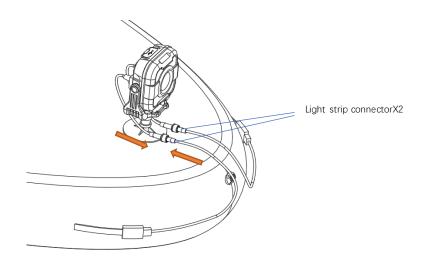
(a) Nut - Long Screw End

(b) Fixed Stud - Long Screw End

(c) Base screw hole

Step 4: Check that there should be one (b) O-ring seal installed on each of the two light strip connectors. Align the arrow symbol " ⇨ " on the (c) light strip connector with the (a) headlight strip connector and insert it to the end. Then manually tighten the (d) connecting nut to the end until it cannot be tightened.
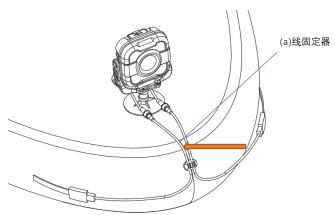

⇨

Symbol alignment Insert it to the end

(a) Headlamp wire connector

(b) O-ring seal

(c) Light strip connector

(d) Connecting nut

Headlamp wire connectorX2

Light strip connectorX2

⚠️ 1. The connector of the light strip must ensure an O‑ring seal, and the connecting nut of the light strip must be tightened to the end to ensure reliable waterproof sealing.
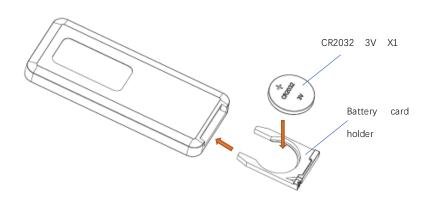
Step 5. Clip the light strip wire into the (a) wire holder.

(a)线固定器

3. Remote control installation

Step 1. Please prepare 1 CR2032 3V battery (remote control battery not included in the packaging).

Step 2. Remove the remote control battery holder, insert the CR2032 battery, and then reinstall the remote control.

CR2032 3V X1

Battery   card holder

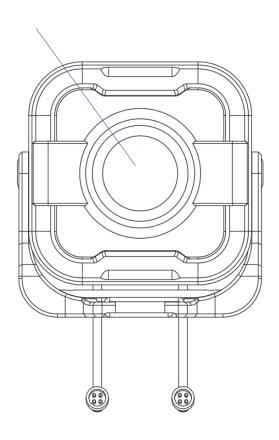## 4. Matching headlights and remote control

In the case of multiple BT-24GL near the pairing of headlights and remote controls, to avoid mutual interference, one-on-one control can be achieved through pairing operations:

Step 1. Press and hold the button on the headlight for 3 seconds at the same time, and the headlight power light will turn on a red light, entering pairing mode.
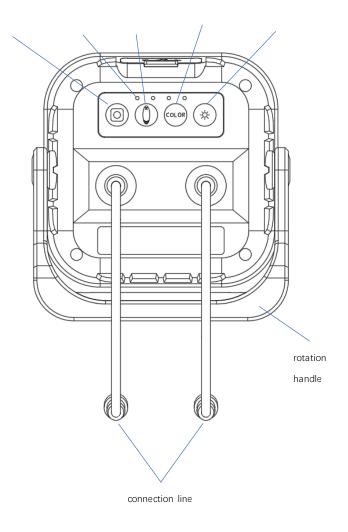
Step 2. Press any button on the remote control to pair, and after successful pairing, the battery red light will turn off. If pairing is not successful within 10 seconds and the battery red light goes out, please start pairing again from step 1.

5. Nose Searchlight Introduction

LED light

Electricity level

Switch/light   Indicator lig   Switch/mode   Light   color   Brightness

color switching   switching   switching   adjustment
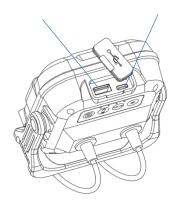
rotation
handle

connection line

USB output
port

Type-C charging
port

5.1 ⊚ On/Color Switch Button：

1) Press and hold for 1.5 seconds to turn on/off the headlight LED. When the headlight LED is turned on, it defaults to white highlight.

2) Click on the cycle to switch between white highlight → white dim light → warm highlight → warm dim light → warm white highlight → warm white dim light → red highlight → red SOS → white highlight →.

5.2 ⬭ switch/mode switch button：

1) Press and hold for 1.5 seconds to turn on/off the LED light strip. When the LED light of the light strip is turned on, it defaults to a continuous white light.

2) Click to cycle through the light bar mode, which consists of 4 modes. The cycle sequence is: long light mode → monochrome breathing mode → color changing breathing mode → party mode → long light mode →.
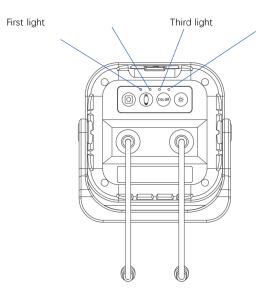
5.3 COLOR light color switch button：

When passing through the light strip channel：

1) When the light bar is in the long light mode:

a) Click to cycle through the LED color of the light bar, with a total of six colors.

b) The order of clicking on the light color cycle is: white → red → blue → orange → purple → yellow → white →.

2) When the light bar is in monochromatic breathing mode:

a) When the light bar is in monochromatic breathing mode, click to cycle and switch the LED light color of the light bar, with a total of six colors.

b) The order of clicking on the light color cycle is: white → red → blue → orange → purple → yellow → white →.

5.4 ☼ brightness adjustment button:

When the light bar is in the long light mode:

a) When turning on the LED light strip, it defaults to 100% brightness 。

Click on the cycle to switch brightness 100% → 20% → 40% → 60% → 80% → 100% →.

5.5 battery indicator:

Second

light

Fourth

light

First light   Third light

1) Charging state battery indicator

When the charging power is connected to the headlight type-c charging port, the built-in lithium battery of the headlight will be charged, and the battery indicator light will flash to display the current battery level. After the battery level is fully charged, it will automatically stop charging

	The first blue light flashes	Battery level less than 25%
Nose Searchlight charging	The first blue light flashes, the first blue light is constantly on, and the second blue light flashes	Battery level 25%~50%
	The first and second blue lights remain on, while the third blue light flashes	Battery level 50%~75%
	The first, second, and third blue lights remain on, while the fourth blue	Battery level 75%~99%

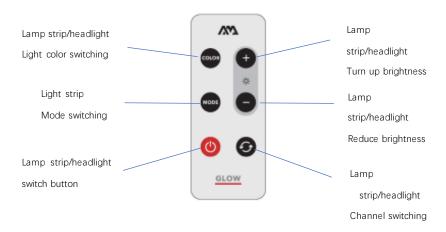|	light flashes	
头灯充满电	Four blue lights stay on for a long time	Battery level equal to 100%

2）Usage status battery indicator

Note ：

1. When in sleep mode, all four battery indicator lights do not light up. Click the button , and the battery indicator lights up. When not working, the battery indicator light will turn off for about 10 seconds and enter sleep mode.

2.When the LED light of the headlight or the LED light of the light bar is turned on, the headlight power indicator light will remain on, displaying the remaining power.

3. When the external device is plugged into the headlight USB output port through a USB cable, the battery indicator light will light up and the product will start power transmission.

	The first blue light flashes	Battery level less than 5%
	The first blue light remains on	Battery level 5-25%
	The first and second blue lights are constantly on	Battery level 25-50%
Working	The first, second, and third blue lights are always on	Battery level 50-75%
	The first, second, and third blue lights are always on	Battery level 75-100%

6. Introduction to Remote Control

Lamp strip/headlight
Light color switching

Light strip
Mode switching

Lamp strip/headlight
switch button

Lamp strip/headlight
Turn up brightness

Lamp strip/headlight
Reduce brightness

Lamp strip/headlight
Channel switching

Note：

When the product light strip and headlight are working simultaneously, the remote control prioritizes the control of the light strip.

6.1   switch button：

Click to control the light on/off of the current channel (light

bar or headlight)。

Note：

1. 1. When both the headlights and light strips are not on, use the remote control to turn on the lights. To do so, press and hold the remote control for 1.5 seconds. At this time, the default light strip LED will be turned on and the white light will remain on。

2. When the light bar and headlights are on simultaneously, click to close the current channel and then automatically switch to another lit channel。

6.2 ⟳ Light bar/headlight channel switch button：

Click to cycle between the light bar channel and the headlight

channel.

1) When the light strip is on separately：

a) Click on the headlight to quickly flash two white lights, indicating that you have switched to the headlight channel。

b) Press the button to turn on the white highlight of the headlights within 10 seconds, and if the button is not pressed within 10 seconds, the channel will automatically switch back to the light bar channel.

2) When the headlights are on separately：

a) Click on the light bar to quickly flash two white lights, indicating that you have switched to the light bar channel.

b) Press the button to turn on the light bar within 10 seconds, and the white light will stay on for a long time. If the button is not pressed within 10 seconds, the channel will automatically switch back to the light channel.

3) When the light strip and headlights are on simultaneously：

a) Click ⟳ to switch channels between light bars and headlights。

b) When switching, the LED light of the corresponding channel will quickly flash twice, indicating that it has been switched to the corresponding channel. After switching, the channel will be controlled.

6.3 `MODE` Light bar mode switch button：

1) Click to cycle through the mode of the light bar。

2) The cycle sequence is long light mode → breathing mode → color changing mode → party mode → long light mode →.

6.4 `COLOR` Light bar/headlight color switch button：

1. When passing through the light strip channel：

1）When the light bar is in the long light mode：

a) Click to cycle and switch the LED color of the light bar, with a total of six colors;
b) The order of clicking on the light color cycle is: white → red → blue → orange → purple → yellow → white →.

2）When the light bar is in monochromatic breathing mode：

a) Click to cycle through the LED color of the light bar, with a total of six colors；
b) When clicking on the headlight channel, the order of the light color cycle is: white → red → blue → orange → purple → yellow → white →.

2. When in the headlight channel：
Click on the cycle to switch between white highlight → white dim light → warm highlight → warm dim light → warm white highlight → warm white dim light → red highlight → red SOS → white highlight →.

6.5 `+` Light Bar/Headlamp - Turn Up Button：

1) **Light bar channel - in long light mode ：**

   Click to increase brightness and switch between 20% → 40% → 60% → 80% → 100% brightness. The function does not cycle.

2) **When in the headlight channel ：**

   Click to adjust the brightness of three levels (low medium high) without cycling the function.

6.6 ⚫ Light bar/headlight - decrease brightness button：

1) **Light bar channel - in long light mode ：**

   Click to decrease brightness and switch between 100% → 80% → 60% →40% → 20% brightness in sequence. The function does not cycle.

2) **When in the headlight channel ：**

   Click to adjust the brightness of the three levels (high medium low) without cycling the function.

7. Headlamp charging and discharging

7.1 Headlamp charging

Using a DC5V 3A (max 4A) power supply to connect to the headlight type_ C charging port, for charging the built-in lithium battery, the battery indicator light flashes to display the current battery level. After the battery is fully charged, it automatically stops charging.

7.2 Headlamp output power supply

When the external device is plugged into the headlight USB output port through a

USB cable, the battery indicator light is on, and the product starts to power up and output DC5V 2.4A.

8. Trouble Shooting

PROBLEM	CAUSE	SOLUTION
The remote control is not working properly	1. The remote control battery is dead; 2. The control distance is too far;	1. Replace with a new battery; 2. Remote control operation with a distance of ≤ 8m from the headlight
The LED light of the light strip does not light up	1. The light strip connector is not installed in place; 2. The headlights are dead; 3. The light strip is damaged;	1. Reconnect the light strip connector in place; 2. Charge the headlights and use them; 3. Replace with a new light strip;
The battery indicator light remains on after the headlight is removed	Before disassembling the headlight, the light strip channel was not closed	Turn off the light bar channel

9. Storage

- Do not store the product in environments such as high temperature, excessive dryness and humidity, direct sunlight, and flying dust. Adverse environments can cause damage to electronic equipment, and the storage temperature should not exceed 45 C° (113 C° ° F).
- Do not over-discharge.

a. Charge the battery after each use.
b. Recharge the battery every four months even if it hasn't been used.
c. Over-discharge during storage may damage the battary and reduce its lifetime.

- After each use, please dry the nose searchlight and the LED strip lights to avoid damage to the electronic components.
- When not in use for a long time, please remove the battery from the remote control.
- The original packaging is recommended for storage.

10.   Disposal And Environmental Protection

The battery must be disposed properly according to local regulations.This mark indicates that the product should not be disposed with other household waste.To prevent possible harm to the environment or human health from uncontrolled waste disposal,recycle it responsibly to promote the sustainable reuse of material resources.Information on disposal can be obtained from your local authorities. To return your used device,please use the return and collection systems or contact the retailer where the product was purchased for environmentally safe recycling.