

# U1 Smart Lights USER MANUAL

## IMPORTANT!

Please read this manual carefully before using your U1 Smart Lights for the first time.

## INTRODUCTION

U1 Smart Lights is a bicycle rear & front light. By using a controller fixed on the handlebar, cyclists can easily operate rear light functions, such as turning right, turning left, stop alarm, etc. Supply great safety for city cycling at night time and help cyclists avoid risk. This product is equipped with the environmental light detection function, which can control the light on/off on day and night.

## SPECS

1. Input : DC 5V 1A
2. Brightness: FRONT 200Lm / REAR 120Lm.
3. Battery Capacity : 570mAh
4. Working Temperature : 0 +45°C
5. Waterproof: IPX6

## PACKAGE CONTENT

1. SMART LIGHT
2. UNIVERSAL MOUNT
3. CABLE
4. NAV REMOTE (OPTIONAL)

## OVERVIEW

1. LIGHT
2. BUTTON
3. USB PORT
4. MAGNETS

## UNIVERSAL MOUNT INSTALLATION

### - FOR REAR LIGHT

1. According to the diameter of your seat post, choose the right position for the silicone puller to fix the universal mount on the seat post, like shown on the photo.
2. Place the smart light in the magnetic universal mount.
3. Position the light to the desired position.

### - FOR FRONT LIGHT

- SYMMETRIC:
- ASYMMETRIC:

## FUNCTION GUIDE

### 1. DOWNLOAD APP:

FARO App

Download the FARO App to customize your helmet's light features and other settings to your liking.

Download

Android: Google Play Store > U1 FARO

iOS: App Store > Unit 1 FARO

or scan the QR code below.



### 2. ON/OFF

Once charged, you can begin using your U1 Smart Lights. To turn in on / off, just press the on/off button for 3 seconds. The center light bar will do a white or red sweep (depending on whether it is in the front or rear position) and then display the battery level using 10 levels.

### 4. PAIRING

#### - U1 App

1. Make sure your phone's bluetooth connection is active.
2. Power up your U1 Smart Light
3. Look for your U1 Smart Light using the U1 App
4. Pair directly from the U1 App

#### - REMOTE

1. Power on your U1 Smart Light (should be off before you begin)
2. Press & hold any button on the Navigation Remote (lights will blink left & right)

3. Wait for connection. U1 Smart Lights will show 3 green flashes when complete, Nav Remote will also flash 3 times.

## - TROUBLESHOOTING

If you are having trouble with your U1 Smart Lights, follow these steps

1. Not powering on  
Charge the U1 Smart Lights using the USB-C cable.
2. Not charging  
Make sure the USB-C power source is switched on and plugged correctly.
3. Not pairing  
Make sure your U1 Smart Lights is fully charged and your bluetooth connection is active
4. U1 Smart Light not responding  
Reset the U1 Smart Lights by pressing the power button for 4 times.

## 5. CHARGING

Plug the USB-C cable into the charging port. Once plugged in the hidden lights will display the status of your battery using 6 levels. All 6 levels in a solid green color mean the battery is full. For safety purposes, FARO functions are not available while charging. DO NOT use the helmet while charging with a power bank.

## PRECAUTIONS REGARDING THE BUILT-IN BATTERY

- Do not attempt to replace the battery in your U1 Smart Lights. It is built-in and cannot be replaced.
- Charge the battery in accordance with the instructions provided in this guide.
- Charge your U1 Smart Lights using a computer, a powered docking station or certified power station.
- Do not attempt to open the built-in battery.

## RECOMMENDATIONS FOR USE

Do not try to replace the battery or open the case or take your U1 Smart Lights apart. Each of these actions will void the warranty and may pose safety risks. The substances contained in batteries may be harmful for the environment or cause injury if handled and disposed of inappropriately.

- Do not expose your U1 Smart Lights to extreme temperatures (The product is designed to operate when uncharged: -20°C to +60°C, and while charging: 0°C to +45°C).

- Do not use any abrasive products to clean your U1 Smart Lights or the accessories.
- Do not throw your U1 Smart Light onto a fire. The battery may explode.

## **ATTENTION**

Risk of explosion if the battery is replaced with an incorrect battery. It must be recycled or disposed of separately from household waste as per the instructions. This product is not a toy. Do not let children or pets play with your U1 Smart Lights. The product contains small parts which can be a choking hazard.

## **INFORMATION ON WASTE DISPOSAL AND RECYCLING**

Make sure you dispose of your product at a recycling center. Each country and province has its own recycling centers for batteries and electronics. To find out where to dispose of your product, contact the waste management service in your area or the shop where you purchased the product. Do not throw your device into the household waste. The packaging and product must be disposed of according to local regulations. Batteries must not be disposed of with municipal waste and must be separated for collection.

## **SPECIFICATION OF RADIO TRANSMISSION**

PRODUCT: U1 Smart Lights  
MODEL NUMBER: SL\_1.0  
OPERATING FREQUENCY: 2402-2480MHz  
POWER: DC 5V 1A  
FCC ID: 2A25E-R08

The above product is in conformity with the PPE Regulation (EU) 2016/425 and is identical to the PPE which is subject of EU certificate ( TBC ) issued by ITS Testing services UL Ltd. The above product is in conformity with the European Radio Equipment Directive (RED) (2015/53/EU) which is subject of EU certificate (TBC) issued by Telefication.

Bluetooth LE

Maximun Output Power: -4.14dBm

Maximun Antenna Gain: 3.3 dBi

You can find the declaration of conformity by the following link:

[www.unit1gear.com/EU\\_DoC](http://www.unit1gear.com/EU_DoC)

## **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.

Warning: 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 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.

#### RF WARNING STATEMENT:

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

English: "This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

#### **WARRANTY.**

1 year limited warranty

Unit 1 Gear, Inc. warrants to the original purchaser of this product that the product is free of defects in material and workmanship for a period of (1) year from the original date of purchase. This warranty does not apply to defects of physical damage resulting from abuse, neglect, improper repair, improper fit, alterations, or use unintended by the manufacturer.

If your U1 SMARTE LIGHT is found to be defective in materials or workmanship within one year from the date of purchase, Unit 1 gear, Inc. will at its sole option either repair or replace the helmet free of charge. This warranty does not affect your statutory rights. This warranty is in lieu of all other agreements and warranties, general or special, express or implied and no

representative or person is authorized to assume liability on behalf of Unit 1 Gear, Inc. in connection with the sale or use of this product.

This limited warranty only applies to products purchased directly from Unit 1 Gear, Inc. official stores or a Unit 1 Gear, Inc. authorized reseller.

This limited warranty does not cover normal wear and tear.

Unit 1 Gear, Inc. does not offer warranty regarding battery life used in the Smart Light. Battery life may vary depending on its configuration and use. Unit 1 Gear, Inc. does not guarantee or promise any specific level of performance or battery life associated with the use of its product or any feature in it.

## **CONTACT.**

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