

RECHARGEABLE

2000 LUMENS

SWISS TECH

PAAR

High-Powered Smart Bike Light Combo with Handlebar Remote

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SWISSTECH

HIGH POWER. SMART SAFETY.

PAAR

High-Powered Smart Bike Light Combo with Handlebar Remote

Safety and visibility go hand-in-hand when on the trail or on the road. Paar has you covered front to back with a high-powered, multi-mode front light that features 2,000 max lumens on turbo mode, smart auto dimming, and a long-lasting 24-hour survival mode - all in a durable, weatherproof body made to withstand any ride. Paar's multi-mode tail light can be controlled by handlebar remote and features 4 safety mode options, smart brake sensing, and laser ground lanes to ensure you are seen on every night ride. Cut through the darkness and stay safe on any path with the Paar smart light combo.

Discover more of Paar at [swisstechoutdoors.com](https://www.swisstechoutdoors.com)

**SWISS TECH High-Powered Smart Bike Light Combo with Handlebar Remote**  
Vendor Stock Number: 88347

Questions, problems, or missing parts?  
Before returning to the store, contact  
GreatStar Customer Service  
9AM-4PM CST, M-F  
Call: 1-855-782-3013 or Email: [Help@swisstechoutdoors.com](mailto:Help@swisstechoutdoors.com)

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White Light for Front Visibility x 1PC

A

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USB wall adapter not included.

| CONTENT |                                                |          |
|---------|------------------------------------------------|----------|
| PART    | DESCRIPTION                                    | QUANTITY |
| A       | CREE High-Quality LED                          | 4        |
| B       | Smart Sensor                                   | 1        |
| C       | Power/Mode Shift Button with Battery Indicator | 1        |
| D       | Charging Port                                  | 1        |
| E       | Charging Indicator                             | 1        |
| F       | Connector with Female Plug                     | 1        |
| G       | Mount Connector with Male Plug                 | 1        |
| H       | Quick-release push tab                         | 1        |
| I       | Mounting Adjustment Screw                      | 1        |
| J       | Integrated Anti-slip Silicone                  | 1        |
| K       | Optional Silicone Insert for Optimal Fit       | 1        |
| L       | Two-In-One Charging Cord                       | 1        |

Smart Tail Light x 1PC

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| CONTENT |                                     |          |
|---------|-------------------------------------|----------|
| PART    | DESCRIPTION                         | QUANTITY |
| A       | LED Light                           | 7        |
| B       | Left Turn Signal Light              | 1        |
| C       | Right Turn Signal Light             | 1        |
| D       | Laser                               | 2        |
| E       | Power/Mode Shift Button             | 1        |
| F       | Laser On/Off Button                 | 1        |
| G       | Charging Port                       | 1        |
| H       | Charging Indicator                  | 1        |
| I       | Connector with Male Plug            | 1        |
| J       | Mounting Connector with Female Plug | 1        |
| K       | Adjustable Hinge                    | 1        |
| L       | Silicone Strap                      | 1        |

Remote Controller for Tail Light x 1PC

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| CONTENT |                                |          |
|---------|--------------------------------|----------|
| PART    | DESCRIPTION                    | QUANTITY |
| A       | Power/Mode Shift Button        | 1        |
| B       | Laser On/Off Button            | 1        |
| C       | Left Turn Signal Light Button  | 1        |
| D       | Right Turn Signal Light Button | 1        |
| E       | Charging Port                  | 1        |
| F       | Charging Indicator             | 1        |
| G       | Anti-Slip Silicone Pad         | 1        |
| H       | Silicone Strap                 | 1        |
| I       | Integrated Strap holder        | 2        |

ELECTRICAL INFORMATION

The charging cord is compatible with any USB wall adapter that has an output no less than 5V/1A.

- To ensure proper charging, use the enclosed USB charging cable.
- Pull by plug rather than cable when disconnecting light to avoid damage to electric plug and cable.

| SPECIFICATIONS |                                                                                       |                       |               |
|----------------|---------------------------------------------------------------------------------------|-----------------------|---------------|
| Product Weight | 140g (front light)<br>51g (tail light)<br>27g (remote controller)                     | Charging Cable Length | 19.7 inches   |
| Product Width  | 4.0-inches (front light)<br>3.2-inches (tail light)<br>2.3-inches(remote controller)  | Impact Resistance     | 3 feet        |
| Product Height | 1.3-inches (front light)<br>1.3-inches (tail light)<br>1.1-inches (remote controller) | Recharge Time         | 2-4 hours     |
| Product Depth  | 1.8-inches (front light)<br>1.1-inches (tail light)<br>0.7-inches (remote controller) | Rated Voltage         | Input: 5V, 1A |

OUTPUT

DISTANCE

RUN TIME

|                                      |        |       |        |
|--------------------------------------|--------|-------|--------|
| 2600mAh LITHIUM-ION BATTERY          |        |       |        |
| LOW                                  | 200lm  | 30 m  | 7 h    |
| MEDIUM                               | 500lm  | 60 m  | 4 h    |
| HIGH                                 | 1000lm | 100 m | 2 h    |
| FRONT                                |        |       |        |
| SURVIVAL                             | 20lm   | 5 m   | 24 h   |
| TURBO                                | 2000lm | 110 m | 30 sec |
| 700mAh - 300mAh LITHIUM-ION BATTERY  |        |       |        |
| TAIL                                 | FLOOD  | 6lm   | / 24 h |
| BRAKE                                | 20lm   | /     | /      |
| REMOTE CONTROL                       |        |       |        |
| Charge when background lights strobe |        |       |        |

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## OPERATING FRONT LIGHT

- Fully charge the front light before turning on.
- Mode Cycle: press the Power/Mode Shift button to turn on the light and adjust the brightness from survival → low → medium → high → flash. (the battery indicator in the center of button shows the actual capacity: red light for low battery life – less than 10%; orange light for 10%-60% battery life; green light for more than 60% battery life).
- Turbo: press and hold for 2 seconds when light turns on to activate turbo mode (temporary) - cannot be activated a third time within a 90 seconds timeframe due to safety and hazard concerns.
- Smart dimming: double press when light turns on to active smart dimming mode, the sensor detects the ambient light level. When the light is strong, it turns off the two middle LEDs to save energy, and when the light is weak, it turns on all four LEDs to ensure enough front visibility.
- Power Off: If the light stays in a certain mode for 5 seconds or longer, press once to turn off.
- Mode Memory: The front light remembers the last mode used before powering off.
- Use the integrated adjustable holder to mount the light.
- Fix the light to the holder by connecting the male ♂ female plug.
- Use the screw on the holder and the removeable silicone inserts to adjust for correct fit on different handlebars.

## OPERATING TAIL LIGHT & REMOTE CONTROLLER

- Fully charge the tail light and remote controller before turning on.
- Press the Power/Mode Shift button to turn on the light and shift modes from steady, quick flash, slow flash, flow, steady + laser to off.
- Press the Laser Button to turn on or turn off laser.
- Automatic brake warning: when you suddenly brake while riding, the light will instantly brighten to 20 lumens, then return to its previous brightness level after braking.
- Each product has been paired with its remote controller before leaving the factory.
- Pair the remote controller and tail light:
  - Step 1. press the power/mode shift button on light to turn it on.
  - Step 2. press and hold the button on light until the left and right turn signal lights flash.
  - Step 3. press and hold the mode button on remote until the left and right turn signal lights turn off.
  - Now you can use the remote to control the tail light.
- Unpair: you cannot manually unpair the remote. Pairing the remote with another tail light is required to unpair. Follow the above pairing steps and once the new pairing is complete, the previously paired remote controller will automatically be unpaired.
- After pairing, once the light is turned off, press the Power/Mode Shift button on the light to turn it on, and then press and hold the mode button on the remote controller for 0.5 seconds to activate the remote before use.
- Use the integrated clip-on silicone strap to mount the light where preferred, and use the additional silicone strap to mount the remote controller to handlebar.
- Fix the light to the connector by connecting the male ♂ female plug.
- Adjust the light on strap's hinge to the proper angle as needed for optimal visibility.

## RECHARGING THE BATTERY

- Battery charging indicator around the port is red when charging and is green when fully charged.
- When the battery is completely drained, allow the light to charge for about 2-4 hours.
- Low battery indicator for remote controller: press any button on remote, and if the background light under the 4 button strobes for 3 times simultaneously, then power is below 10% - charge it before use.

## WARNING

- Read all instructions before using this light.
- This product is IP54 dust & weather proof.
- Never modify the product or any of its parts as this may result in serious personal injury.
- This light is not intended for use in potentially dangerous locations such as places with explosives or flammable atmospheres.
- Never look directly into the light sources as they are extremely bright and may cause eye damage from prolonged exposure.
- Place the light away from any heat source.
- The light head may get hot during use. To avoid the risk of burns, do not touch it.
- Do not place anything on top of the light during or after each use to prevent potential fire.
- Always ensure the light is turned off or placed on a heat-resistant stand when not in use.
- Never allow the light beam to come into contact with flammable materials, liquids, or gases. The concentrated heat from the beam may cause ignition, resulting in fire or explosion.
- Never use this light if the transparent lens is damaged or removed.
- Keep this light away from children.
- Store this light in room temperatures below 86°F.
- Keep the light clean and free from oil and grease.
- Do not leave the lithium-ion battery powered unit in direct sunlight.

## SAFETY INFORMATION

- Never use this light around flammable liquids such as gasoline.
- To avoid electrical shock, do not put light in water or any other liquids.
- Do not store this light where it can easily fall into tub/sink/pool of water.
- Do not operate this light after it has malfunctioned.
- Always make sure the power source conforms to the rating on this light. Hence, it must always be used in accordance with all electrical and safety codes and ordinances, including the most recent National Electric Code (NEC) and with the Occupational Safety and Health Act (OSHA) Volume 1 on General Industry Standards and interpretations.
- Do not use or permit use of the light in beds or sleeping bags as this fixture can melt fabric and may result in burn injury.

## FCC STATEMENT

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 experience radio/TV technician for help.

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

## CAUTION

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

## CARE AND MAINTENANCE

- Always keep the battery fully charged when not in use.
- Do not subject the unit to excessive force, shock, dust or extreme temperature.
- Do not tamper with the external and internal components of the unit.
- Clean your unit with a dry cloth. Solvent or detergent should never be used.
- Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
- Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.

## CARE AND MAINTENANCE

If the light does not work, check the following:

- Fully charge the light before use.
- Ensure the cord is properly plugged into the power source to charge the battery.
- The battery may be depleted, allow the light to charge for about 2-4 hours.
- Make sure the light is in power-on mode by pressing the Power/Mode Shift button.

If the remote controller does not work and the background light of button is constantly on, please press and hold the MODE button on the remote controller for 0.5 seconds until background light turn flash, to activate it.



# SWISS TECH