



# FULL VERSION MANUAL SMINI / SMINI FLY / SMINI REAR



## PRODUCT OVERVIEW

The packaging contains the following parts:

### SMINI

- Lamp unit (front)
- Integrated rechargeable battery (front)
- Headband 15 mm
- Lamp unit (rear)
- Integrated rechargeable battery (rear)
- Quick guide

### SMINI FLY

- Lamp unit (front)
- Integrated rechargeable battery (front)
- Headband 3 mm
- Quick guide

## BEFORE USE

### HEADBAND 15 mm (SMINI)

The elastic headband with anti-slip silicone on the inside is designed to give a comfortable fit and to stay in place at speed activities such as running. Adjust the headband by moving the sliding buckle on the side to fit comfortably on your head.

### HEADBAND 3 mm (SMINI FLY)

This headband has a minimalistic design, measuring only 3 mm and weighing only 9.1 grams. The compact design makes the Smini 3 mm headband an ideal backup light for races, light-weight trekking, or daily runs. Adjust the fit smoothly with the buckle in the back of your head.

### SWITCHING HEADBANDS

Smini is modular and can be used with either the 15 mm headband (included with Smini) or the 3 mm headband (included with Smini Fly). Both headbands are also sold separately.

Switching between the two different headbands is done by detaching the two attachment buckles of the headband from the lamp body. Simply push the buckle on each side of the lamp body downwards to detach. To attach: push the buckles of the new headband upwards and into the sockets of the lamp unit until you hear a click. Please note the direction (bent backwards) of the buckles when inserting them.



### CHARGE THE BATTERIES

**Note!** When the battery is fully charged the charger automatically switches to maintenance mode.

**Note!** Never leave a lamp unattended during charging.

**Note!** The charging port is water resistant, but make sure there are no debris inside the port when inserting the cable.

### CHARGE THE INTEGRATED BATTERY (FRONT LIGHT)

1. Tilt the front of the lamp unit forwards to expose the charging port.
2. Connect a USB-C charging cable to the charging port.
3. Connect the other end of the charging cable to a USB-port (either from a computer, car or a USB charger/adaptor connected to a wall outlet).
4. On the top of the lamp, there are 4 LEDs showing battery status during charging:
  - Red light/lights blinking = battery is charging
  - Green lights constant (all 4 LEDs) = battery is fully charged

### CHARGE THE INTEGRATED BATTERY (REAR LIGHT)

1. Connect a USB-C charging cable to the charging port of the lamp unit.
2. Connect the other end of the charging cable to a USB-port (either from a computer, car or a USB charger/adaptor connected to a wall outlet).
3. The status of the battery during charging will be visible through the front of the lamp:
  - Red light = battery is charging
  - Green light = battery is fully charged

### BUTTON LOCK (FRONT LIGHT)

On the top of the lamp unit there is a push button which controls all light modes. This button can be locked to prevent the lamp from being lit by accident.

To activate the button lock: make sure the lamp is turned OFF, press the button with an extra long press (3 sec). The red LED next to the [ 3s ] symbol on the side of the lamp will start flashing (the red front light will also light up briefly). When the red LED next to the [ 3s ] symbol stops flashing and lights constantly - the button is locked.

If you try to start lamp with button lock activated the LED next to the [ 3s ] symbol will flash red to indicate that the lamp is locked.

To deactivate the button lock: press the button with an extra long press (3 sec). The red LED next to the [ 3s ] symbol on the side of the lamp will start flashing. After 3 seconds, when the button lock is deactivated, the LED next to the [ ] symbol will turn steady green. Now you can start the lamp as normal.

## DURING USE

### SILVA INTELLIGENT LIGHT

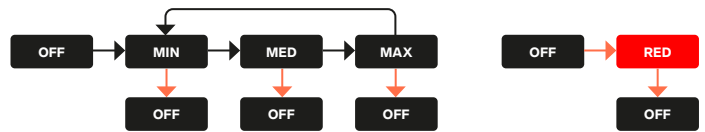
This lamp features Silva Intelligent Light which combines a long reach spot light with a close flood light. The lamp head is tilttable to give you the right light, exactly where you need it.

### SWITCH ON THE HEADLAMP (FRONT LIGHT)

The push button on the top of the lamp controls all light modes.

→ SHORT PRESS

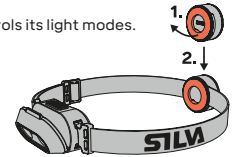
→ LONG PRESS



### SWITCH ON THE REAR LIGHT

The front lens of the lamp unit is also a button that controls its light modes.

→ SHORT PRESS



### TEMPERATURE CONTROL

The temperature of the lamp body will increase during use and cooling is an essential part of how well the lamp performs. The temperature of the lamp is affected by the brightness level, ambient air temperature and airflow (wind).

The lamp unit is equipped with a temperature control sensor that prevents the lamp body from overheating by reducing the power to the LEDs.

### Note! The lamp can get very hot!

- Always make sure to activate the button lock when the lamp is stored in a closed compartment such as in a bag, pocket or similar.
- Keep away from children.
- Make sure that the lamp does not come in contact with sensible or flammable materials.
- The front glass or heat sink must not be covered with dirt or other materials while the lamp is switched on.
- Do not touch the front glass with bare hands.
- Never look directly into the lamp while switched on.

### BATTERY STATUS INDICATION (FRONT LIGHT)

When the lamp is switched ON or OFF - the LED indicators on the top of the lamp will show the current battery status for 5 seconds. To check battery status during use, the lamp needs to be switched OFF.

The LED indicators indicates the following:

- 4 green LEDs = Fully charged
- 3 green LEDs = 75% of the battery remains
- 2 green LEDs = 50% of the battery remains
- 1 red LED = 25% of the battery remains

### LOW BATTERY WARNING (FRONT LIGHT)

During use, there will be a low battery warning when 10% of the battery remains. This is indicated by the lamp flashing shortly. The lamp will automatically switch to power reserve mode after this.

### POWER RESERVE (FRONT LIGHT)

During use, the lamp will go into power reserve mode when 10% of the battery remains. The lamp will flash shortly before it goes into this mode. It is not possible to switch to the higher brightness levels once the lamp has entered power reserve mode. The power reserve gives approximately 2 hours of light.



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### AFTER USE

#### MAINTENANCE

To make sure you get maximum performance from your headlamp, clean it regularly with a damp cloth. Headband cleaning: rinse in warm water.

#### ABOUT LI-ION BATTERIES

The lamps have internal Li-ion batteries and should be stored in a dry environment within the temperature range of -30°C and +60°C. If you would like to store your lamp for a longer period (more than 30 days) the battery should not be fully charged. Recommended charge level for storing is 30%. You can always charge a half full battery without damaging its characteristics. Do not expose the lamp to extreme temperatures which may cause fire or explosion. To get the most out of your battery - do not expose the lamp to low temperatures during use. Do not disassemble or mistreat the lamp unit; risk for chemical burn.

#### TECHNICAL SPECIFICATIONS

Lumen (Max / Med / Min / Rear light):	250 lm / 100 lm / 10 lm / not specified
Burn time (Max / Med / Min / Rear / Rear blink):	1.5h + 2h reserve / 3h + 2h reserve / 20h / 11h / 70h
Light distance (Max / Med / Min / Rear):	80 m / 50 m / 17 m / visible at 1000 m
Weight Smini (incl battery and headband):	53 g (1.87 oz)
Weight Smini Fly (incl. battery and headband):	38.5 g (1.36 oz)
Weight rear light (incl. battery):	10 g (0.35 oz)
Battery type (front lamp unit):	Li-Po 3.6V 700mAh 2.52 Wh
Battery type (rear light):	Li-Po 3.7V 120mAh 0.44Wh
Charging time:	3h
Water resistance:	IPX5
Operative temperature range:	-10 - (+)50°C
Storage temperature range:	-30 - (+)60°C

#### PROTECTING THE ENVIRONMENT.

Lamp unit, batteries, headband and packaging are recyclable. Please dispose these items at designated recycling stations.

#### WARRANTY

Silva warrants that your Silva headlamp for a period of five (5) years\* will be free from defects in materials and workmanship under normal use. Rechargeable batteries are covered for 2 years or 300 charge cycles. Silva's liability under the warranty is limited to repairing or replacing the product. This limited warranty applies only to the original purchaser. If the product is found to be defective during the warranty period, please contact the original place of purchase. Make sure to have your proof of purchase handy when returning the product. Returns cannot be processed without the original proof of purchase.

This warranty does not apply if the product has been modified or if it has not been installed, used, repaired or maintained in accordance with instructions from Silva. The warranty also does not apply if the product has been subjected to abnormal physical or electrical use or in case of negligence, abuse or accident. The warranty also does not cover normal wear and tear. Silva is not responsible for any consequences (direct or indirect) or damages arising from the use of this product. Under no circumstances will Silva's liability exceed the amount you paid for the product. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

The warranty is only valid and may only be processed in the country of purchase. The consumer's rights pursuant to law of the country of purchase are not affected by this warranty.

\* Headlamp: Five (5) years.

\* Rechargeable battery: Two (2) years or 300 charge cycles.

For more information please visit [www.silvaweden.com](http://www.silvaweden.com)