



FULL VERSION MANUAL TRAIL SPEED 3



TRAIL SPEED 3XT: Art.no 37637
LIMITLESS TRAIL SPEED 3: Art.no 37638



SILVA TRAIL SPEED 3 AND FLOW LIGHT

Thank you for choosing SILVA Trail Speed 3 headlamp. This headlamp can, thanks to the modular design, also be used on a helmet or a bike handlebar.

Trail Speed 3 is equipped with **Flow Light** which is a light distribution technology that combines a wide-angle flood light with a long reach spot light. If you aim the light beam of the Trail Speed 3 close to your feet by rotating the light body downward, the light image will be a wide flood light adapted for slower activities. If you aim the light higher up, further away, the light image will gradually transform into a long-distance spot beam, perfect for higher speed. This unique feature gives the user peripheral or long distance vision depending on the activity or speed. For a runner, cross country skier, mountain biker or night orienteer this translates into less head movement, increased control, better balance and more speed

PRODUCT OVERVIEW

The Trail Speed 3 packaging contains the following parts:

- Headlamp unit
- Ergonomic head set.
- Rechargeable Li-ion battery (Trail Speed 3XT only)
- Extension cable
- Helmet attachment
- Bike handle bar attachment
- Quick guide
- Storing case
- USB charging cable (Trail Speed 3XT only)

BEFORE USE

BATTERY CHARGING (TRAIL SPEED 3XT)

The battery needs to be charged before first use.

1. Connect the battery to a USB-port (either from a computer, car or a USB charger/adaptor) using the included USB-charge cable.
2. On the battery, there are 5 LEDs showing battery status during charging:
 - Green light (all 5 LEDs) = battery is fully charged
 - Red light blinking = battery is charging

Trail Speed 3 is compatible with all SILVA batteries with the same connector as on Trail Speed 3 battery. Note that the battery indication may not be accurate with other SILVA batteries.

Note! Never leave a battery unattended during charging.

SILVA TRAIL SPEED 3 – THE FLEXIBLE, MODULAR HEADLAMP

Trail Speed 3 is designed for Multi-activity Sports. Here is a description of the different options:

ERGONOMIC HEADSET

The headset is ergonomically shaped to give comfortable fit. Use the 2 buckle adjustments to fit it perfectly to your head.

Attach the headlamp in the head bracket by sliding the headlamp foot into the snap-in socket. To remove, slide the headlamp up and out of the bracket.

BIKE HANDLE BAR ATTACHMENT

The bike handle bar attachment is developed for use on bike handlebars with a dimension between 22 mm and 32 mm. The bike bracket is attached to the handle bar by wrapping the rubber strap around the handlebar and fasten it on the plastic hook.

Attach the headlamp in the bike handle bar attachment by sliding the headlamp bracket into the snap-in socket.

To remove, slide the headlamp up and out of the bracket.

HELMET ATTACHMENT

The helmet attachment comes with pre-mounted adhesive tape on the back for easy mounting on any helmet.

To mount the helmet attachment, remove the protective film covering the adhesive tape. Make sure the surface of the helmet is clean and dry. Press the bracket onto its correct position.

If you do not want to use the adhesive on your helmet the attachment is prepared for mounting with 2 or more straps on the sides. (Not included)

Attach the headlamp in the helmet attachment by sliding the headlamp bracket into the snap-in socket.

To remove, slide the headlamp up and out of the bracket.

FLEXIBLE BATTERY CARRYING

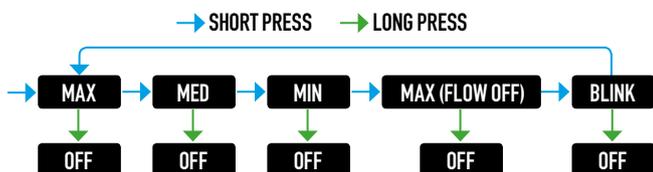
Trail Speed 3 is designed so that the battery can be carried in multiple ways. For example, in a battery carrier on your back, on the bike frame, on your belt, backpack or on the back of your head unit etc.

DURING USE

SWITCH ON YOUR HEADLAMP

A push button is located on the left side of the headlamp body. This button controls all light modes.

- To start the headlamp with Flow Light activated press push button with a short press.
- To cycle between the different modes use short presses.
- To turn the headlamp off press and hold button for 1 second
- In the fourth mode – MAX FLOW LIGHT – OFF, the lamp runs in Max mode but Flow light is deactivated. This means that the Light image will remain unchanged even if the headlamp is rotated up or down. This might be useful when the lamp is mounted on at helmet or a bike handle bar.



TEMPERATURE CONTROL

Note that the headlamp body temperature will increase during use. The headlamp temperature is depending on light mode, ambient air temperature and the airflow [speed]. Trail Speed 3 is equipped with a temperature control unit that prevents the headlamp body from overheating by reducing the power to the LEDs. This means that lower temperatures, better cooling, generally mean stronger light output. On the other hand, higher ambient temperatures generally mean longer burn times.

Note! Always make sure to disconnect the battery when the headlamp is stored in a closed compartment such as in a bag, pocket or similar.

LOW BATTERY WARNING

During operation of the headlamp there will be a low battery warning when 25% of the battery time remains. This is done by flashing LEDs for 1 second 2 times with 5 second interval. When 15% remains the LEDs will flash 1 time.

RESERVE MODE

During operation, the lamp will go into reserve mode when there is 15% power left of the battery. All LEDs will flash once before the lamp goes into this mode.

BATTERY STATUS INDICATION (TRAIL SPEED 3XT)

On the battery, there is a push button that activates battery indication LEDs. When pushing the button 5 LEDs on the battery shows battery status according the following...

- 5 green LEDs = Fully charged
- 4 green LEDs = 80% of the battery remains
- 3 green LEDs = 60% of the battery remains
- 2 green LEDs = 40% of the battery remains
- 1 red LED = 20% of the battery remains

To get as much power as possible out from your battery, keep it away from low temperatures during use.

AFTER USE

MAINTENANCE

To make sure you get maximum performance from your Trail Speed 3 headlamp, clean it regularly with a damp cloth. Head set cleaning – rinse in warm water.

TECHNICAL SPECIFICATIONS TRAIL SPEED 3XT

Weight headlamp including headset:	90g
Battery weight:	157g
Battery type:	Li-ion 7.4V, 3.3Ah
Light distance Max/Med/Min:	130/70/40
Lumen Max/Med/Min:	800/400/80
Burn time 20°C Max/Med/Min/Blink:	5h/7.5h/10h/10h
Burn time -5°C Max/Med/Min/Blink:	2.5h/5h/10h/10h
Reserve mode:	1h
Charging time:	4h
Water resistance:	IPX5
Operative temperature range:	-20 - +60°

ABOUT LI-ION BATTERIES

The battery should be stored in a dry environment within the temperature range of -20°C and +35°C. If you would like to store your battery for a longer period (more than 30 days) the battery should not be fully charged. This may cause loss of its characteristics.

Li-ion batteries have a discharge rate of approx. 20% over a 30-day period. You can always charge a half full battery without damaging its characteristics.

Do not expose the battery for extreme temperatures which may cause fire or explosion.

Do not disassemble or mistreat the battery; risk for chemical burn.

Keep away from children.

Do not dispose of batteries in fire. This may cause an explosion.

Do not submerge the batteries in water.

Do not short circuit the contacts.

Replace only with SILVA batteries with the same connector as on Trail Speed 3 battery.

PROTECTING THE ENVIRONMENT.

Headlamp, batteries and packaging are recyclable. Please dispose these items at designated recycling stations.

WARRANTY

SILVA warrants that, for a period of two (2) years, your SILVA Product will be substantially free of defects in materials and workmanship under normal use. SILVA's liability under this warranty is limited to repairing or replacing the product. This limited warranty extends only to the original purchaser.

If the Product proves defective during the Warranty Period, please contact the original place of purchase. Make sure to have your proof of purchase on hand when returning the product. Returns cannot be processed without the original proof of purchase. This warranty does not apply if the Product has been altered, not been installed, operated, repaired, or maintained in accordance with instructions supplied by SILVA, or has been subjected to abnormal physical or electrical stress, misuse, negligence or accident. Neither does the warranty cover normal wear and tear. SILVA is not responsible for any consequences, direct or indirect, or damage resultant from use of this product. In no event, will SILVA's liability exceed the amount paid by you 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. This Warranty is valid and may be processed only in the country of purchase.

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Waste Electrical and Electronic
Equipment (WEEE) Directive.