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## SanmeiLi V9M-1500

# SanmeiLi V9M-1500 Cycling Front Light User Manual

Model: V9M-1500 | Brand: SanmeiLi

## PRODUCT OVERVIEW

The SanmeiLi V9M-1500 Cycling Front Lighting is a compact, high-brightness bicycle headlight designed for versatile use. It features a quick-shift function for instant maximum brightness, smart and manual control modes with clear indication, and a specially designed diffuser for optimal cycling illumination. With IPX6 water splash resistance and a durable aluminum shell, it's built for reliability. The light includes a 4800mAH battery, USB charging, and comprehensive power indicators. It can be mounted on handlebars or helmets.



Figure 1: SanmeiLi V9M-1500 Cycling Front Light with handlebar mount.

### Key Features:

- **Compact Size & High Brightness:** Sturdy built with a powerful 1000Lm lamp.
- **Smart & Manual Control:** Easy to switch between modes with clear indication.
- **Quick Shift to Highest Brightness:** Double-click the switch for instant maximum output.
- **Optimized Beam:** Special-designed diffuser shapes the lighting for cycling, with a 118-degree beam.
- **Eye-Friendly LED:** Choice LED chip provides a daylight tone, reducing eye strain.
- **Durable & Water Resistant:** Quality aluminum shell, oxidized finish, and IPX6 water splash proof rating.
- **Long Battery Life:** 4800mAH/4400mAH battery with USB 5V 2.0A charging input.
- **Power Indicator:** Clear indication for both battery level and charging status.
- **Versatile Mounting:** Wide range mount bracket, horizontally 360-degree rotatable, fits tube diameters 18-38mm.

### SETUP

## 1. Charging the Battery

Before first use, fully charge the V9M-1500 light. Connect the light to a USB power source (e.g., computer, wall adapter) using the provided USB cable. The power indicator will show the charging status.

- **Charging:** Red light flashes.
- **Fully Charged:** Steady blue light.



Figure 2: Illustration of charging status (red flashing) and fully charged status (steady blue). Battery level indicators are also shown: Blue (100-61%), Yellow (60-21%), Red (20-1%).

## 2. Mounting the Light

The V9M-1500 comes with a quick-mount bracket suitable for handlebars or helmets. The bracket fits tube diameters from 18mm to 38mm.

1. Attach the mount bracket securely to your bicycle handlebar or helmet strap. Ensure it is tightened sufficiently to prevent movement during riding.
2. Slide the V9M-1500 light onto the mount until it clicks into place.

3. Adjust the angle of the light as needed. The mount allows for 360-degree horizontal rotation.



Figure 3: The rear view of the light showing the mounting slot and the quick-release bracket. The bracket is designed to fit tube diameters between 15-40mm.



Figure 4: Examples of the V9M-1500 light mounted on a bicycle handlebar and a cycling helmet, demonstrating its versatility.

## OPERATING INSTRUCTIONS

### Power On/Off and Mode Switching

The V9M-1500 features multiple lighting modes and intelligent control.

- **Power On:** Press and hold the power button for approximately 2 seconds.
- **Mode Cycle:** Once on, single-click the power button to cycle through the 5 available lighting modes.
- **Power Off:** Press and hold the power button for approximately 2 seconds.

### Quick Shift to Highest Brightness

When the lamp is on, a swift double-click of the power button will immediately shift the light to its highest brightness mode (1000Lm or 1500Lm depending on model). A single click will restore the previous mode. This feature is useful for quickly increasing visibility in urgent situations.

# High Brightness Quick Shift

Double quick press the light turns to the highest brightness



Figure 5: Demonstrates the 'High Brightness Quick Shift' function, activated by a double press. Also highlights the patterned diffuser and 118-degree beam angle.

## Manual and Auto/Smart Status Indication

The light has an indication light to clearly show whether it is operating under manual or Auto/Smart status.

- When the lamp is on and not charging, press the switch for 2 seconds to shift to AUTO mode.
- Single-click to switch back to the previous Manual Mode.
- **Green Indication Light On:** Light is in Auto Status.
- **Green Indication Light Off:** Light is in Manual Status.

# Manual / Auto Status

When lamp is on and not in charging, press the switch for 2 second, lamp shifts to AUTO mode. Single click to switch to return previous Manual Mode.



Green Indication light  
Light on: Auto Status  
Light off: Manual Status

Figure 6: Shows the green indication light for Manual/Auto status. Green light on signifies Auto Status, off signifies Manual Status.

## Battery Level Indication

The light provides a clear indication of the remaining battery charge:

- **Blue:** 100-61% battery remaining.
- **Yellow:** 60-21% battery remaining.
- **Red:** 20-1% battery remaining.

## MAINTENANCE

### Cleaning

- Wipe the light body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the USB charging port cover is securely closed after charging to maintain IPX6 water resistance.

### Storage

- Store the light in a cool, dry place when not in use.
- For long-term storage, charge the battery to approximately 50% every 3-6 months to preserve battery health.

## Battery Care

- Avoid fully discharging the battery frequently.
- Use only the provided USB cable or a compatible 5V 2.0A USB charger.
- The protection circuit ensures stable and long service life for the battery.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light fully.
Light does not turn on.	Power button not pressed long enough.	Press and hold the power button for 2 seconds to turn on.
Light not charging.	USB cable or power source issue.	Try a different USB cable or power adapter. Ensure connections are secure.
Light flickers or has low brightness.	Low battery.	Recharge the light.
Light automatically switches modes.	Light is in Auto/Smart mode.	Single-click the power button to return to Manual mode if desired.

## SPECIFICATIONS

Feature	Detail
Light Source	1 LED, daylight tone
Modes	5 Modes
Beam Angle	118 degrees
Control	Press Button Manual and Smart
Battery	4800mAH/4400mAH
Charging Input	USB 5V 2.0A
Power Indicator	Both battery and charging indication
Ingress Protection	IPX6, water splash proof
Mount Compatibility	Bracket fits tube Dia. 18-38mm (also stated as 15-40mm in images)
Lamp Head Size	107.7*27.6*38.4mm (1000 and 1500 same size)
Net Weight	Approx. 159 grams
Item Weight (Package)	50 Grams
Manufacturer	SanmeiLi

## WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly. SanmeiLi products typically come with a standard manufacturer's warranty covering defects in materials and workmanship.

For further assistance, please visit the official SanmeiLi website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.