

MagicShine ALLTY 200

MagicShine ALLTY 200 Front Bike Light Instruction Manual

Model: ALLTY 200 | Brand: MagicShine

INTRODUCTION

The MagicShine ALLTY 200 is a compact and efficient front bike light designed to enhance cycling safety and visibility. It features a maximum output of 200 lumens, IPX6 waterproofing, and a USB-C fast charging port. This manual will guide you through the proper installation, operation, and care of your ALLTY 200 bike light.

PRODUCT OVERVIEW

The ALLTY 200 is engineered for reliability and ease of use, offering multiple brightness modes and a durable design.

ALLTY 200 Bike Light

Size-defying Power

200

Max lumens

IPX6

Waterproof

42h

Max runtime

900mAh

Battery



Image: The MagicShine ALLTY 200 Front Bike Light, highlighting its 200 max lumens, IPX6 waterproof rating, 42-hour max runtime, and 900mAh battery.

Key Features:

- **High Efficiency LED:** Max output of 200 lumens with a 65-meter throw.
- **Multiple Brightness Modes:** 3 brightness levels (Low, Mid, High) and 2 flash modes (Day Flash, Flash).
- **Long Runtime:** Up to 42 hours on Day Flash mode.
- **IPX6 Waterproof:** Designed to withstand water immersion up to 1 meter, ensuring safe riding in various weather conditions.
- **USB-C Fast Charging:** Conveniently rechargeable in approximately 2.3 hours.
- **Easy-to-Read Battery Indicator:** Power button changes color (green/red) to indicate remaining battery capacity.
- **Anti-Glare Lens:** Levels off the upper beam to prevent dazzling oncoming traffic, enhancing safety.

- **Side Lighting:** Provides improved side visibility.
- **Lightweight and Compact:** Weighs only 60g, approximately 2.8 inches (7.1 cm) in length.
- **Tool-less Mounting System:** Easily removable from handlebars (22-32mm diameter) with silicone straps.
- **Memory Function:** Saves the last selected mode for convenience.

SETUP AND INSTALLATION

Headlight Installation:

1. Identify a suitable position on your bicycle handlebar. The ALLTY 200 uses a tool-less mounting system with silicone straps.
2. Wrap the silicone strap around the handlebar (suitable for 22-32mm diameter).
3. Secure the strap by hooking it onto the designated latch on the light's base. Ensure the light is firmly attached and facing forward.
4. Adjust the angle of the light to ensure optimal illumination of the path ahead without blinding oncoming traffic.

Tool-less Mounting System

It comes with a tool-less removable silicone straps for handlebars 22-32mm in diameter, making attaching your light incredibly simple



Image: The ALLTY 200 bike light securely mounted on a handlebar using its tool-less silicone strap system.

OPERATING INSTRUCTIONS

Power On/Off:

- To turn on the light, press and hold the power button for approximately 1 second.
- To turn off the light, press and hold the power button for approximately 1 second.

Mode Switching:

- With the light on, short press the power button to cycle through the brightness modes: Low → Mid → High.

- Double-press the power button to switch between constant modes and flash modes. The flash modes include Day Flash and Flash.
- The light features a memory function, which will recall the last used mode when turned back on.

Battery Indicator:

The power button serves as a battery indicator:

- **Green Light:** Battery capacity is between 21% and 100%.
- **Red Light:** Battery capacity is between 11% and 20%.
- **Flashing Red Light:** Battery capacity is between 0% and 10%. Recharge the light promptly.

Runtime

Powered by a 900mAh rechargeable battery,
ensuring long runtime



MODE	LOW	MID	HIGH	DAY FLASH	FLASH
 LUMENS	50	100	200	0-200	0-100
 h:min	10:00	04:30	02:00	42:00	07:30

*All data above are test results according to ANSI NEMA FL 1-2009 standards. The tests are performed indoors under a room temperature of 25 degrees celsius with 25KM/H wind conditions. The runtime may vary depending on the external temperature and ventilation conditions, and these biases may affect the results of testing

Image: Close-up of the ALLTY 200 power button, indicating battery status with a green light.

Charging:

- The ALLTY 200 features a USB-C charging port.

- Connect the provided USB-C cable to the light's charging port and to a USB power source (e.g., computer, wall adapter).
- Charging time is approximately 2.3 hours.
- The battery indicator will show charging status and turn green when fully charged.

USB-C Fast Charging Port

Conveniently USB-C rechargeable in about 2.3 hours,
effectively reducing charging time



Image: The ALLTY 200 bike light being charged via its USB-C port.

- **Cleaning:** Wipe the light body with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Waterproofing:** Ensure the USB-C port cover is securely closed to maintain the IPX6 waterproof rating, especially before riding in wet conditions.
- **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 prolong battery life.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge when the indicator shows red.

TROUBLESHOOTING

- **Light Not Turning On:**
 - Check battery level. If the indicator is flashing red, recharge the light.
 - Ensure the power button is pressed and held for the required duration (approx. 1 second).
- **Light Not Charging:**
 - Verify the USB-C cable is properly connected to both the light and the power source.
 - Try a different USB-C cable or power adapter.
 - Ensure the power source is functional.
- **Short Battery Life:**
 - Operating the light on High brightness mode will consume battery faster. Use lower modes when possible.
 - Ensure the light is fully charged before use.
 - Battery performance can degrade over time with repeated charge cycles.

SPECIFICATIONS

Feature	Detail
Model	ALLTY 200
Max Brightness	200 Lumens
Brightness Modes	3 (Low, Mid, High)
Flash Modes	2 (Day Flash, Flash)
Max Throw	65 meters
Max Runtime	42 hours (Day Flash)
Battery	900mAh Lithium Ion (internal)
Charging Port	USB-C
Charging Time	Approx. 2.3 hours
Waterproof Rating	IPX6
Material	Aluminum
Weight	60 g
Length (approx.)	2.8 inches (7.1 cm)
Mounting Type	Handlebar Mount (22-32mm)

Easy-To-Read Indicator

At stand by mode, short press the switch to activate power indicator
The color of the indicator shows different power levels



Image: Detailed runtime specifications for the ALLTY 200 across its various light modes.

WARRANTY AND SUPPORT

The MagicShine ALLTY 200 Front Bike Light comes with a **2-Year Manufacturer's Warranty**. For any quality issues, technical support, or warranty claims, please contact the seller or MagicShine customer service directly. Please refer to your purchase documentation for specific contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question