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> MEIKEE LED Magnetic Work Lights 3000LM 6 Modes Rechargeable UnderHood Work Light Bar with Hooks,IP65 Waterproof Cordless Outdoor Lights,8.5H runtime for Garage/Car Repairing/Camping/Workshop/Emergency Instruction Manual

MEIKEE SWL-01

MEIKEE LED Magnetic Work Light

INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the MEIKEE LED Magnetic Work Light. This manual provides essential information for the safe and efficient use of your new work light. Please read it thoroughly before operation and retain it for future reference.

This versatile work light is designed for various applications, including automotive repair, workshop tasks, camping, and emergency lighting. Its robust construction, multiple lighting modes, and flexible mounting options make it an indispensable tool.

2. Safety Instructions

Always observe the following safety precautions to prevent injury or damage to the product:

- Do not look directly into the LED light when it is on, as this may cause eye strain or damage.
- Keep the device away from extreme temperatures, direct sunlight, and moisture.
- Ensure the charging cable is not damaged before connecting it to the device.
- Use only a 2A/3A charger for optimal and safe charging.
- **Important Magnet Information:** The powerful magnets on the work light will **NOT** stick to aluminum alloy, carbon fiber, or surfaces with extremely low iron content. Ensure the surface has high iron content for secure attachment.
- Do not attempt to disassemble or modify the work light. Repairs should only be performed by qualified personnel.
- Keep out of reach of children.

3. Product Overview

The MEIKEE LED Magnetic Work Light (Model SWL-01) features a durable design with high-efficiency LED chips

and versatile mounting options.

3.1 Components

- LED Work Light Bar
- USB-C Charging Cable
- Integrated Magnets (on each end)
- Integrated Swivel Hooks (2)

3.2 Key Features

- **High Brightness:** Equipped with 140 high-quality LED chips, providing up to 3000 lumens.
- **Aluminum Panel:** 9.84-inch long aluminum lighting panels for concentrated light and effective heat dissipation, extending service life.
- **Rechargeable:** Built-in rechargeable battery with USB-C charging port.
- **Multiple Lighting Modes:** 6 modes including High Brightness (6500K), 6500K Flashing, Red, Red Flashing, Blue, and Blue Flashing.
- **Flexible Positioning:** 360° rotatable body, 180° rotatable base, and two swivel hooks for versatile illumination.
- **Strong Magnets:** Powerful magnets on each end for secure attachment to ferrous surfaces.
- **Durable & Waterproof:** Premium ABS housing, impact-resistant, and IP65 waterproof rating for various weather conditions.



Figure 3.1: MEIKEE LED Magnetic Work Light with USB-C cable.



Figure 3.2: Detailed view of the work light highlighting its features like 360° double swivel hooks, 140PCS high bright SMD LED, aluminum panel, super-strong magnetic attachment, and glare-free button controls on the back.

4. Setup

4.1 Initial Charging

Before first use, fully charge the work light. Connect the included USB-C cable to the charging port on the light and to a 2A/3A USB power adapter (not included). The 4-level power indicator will show the charging progress. A full charge typically takes approximately 2 hours.

Rechargeable LED Work Light



Only 2Hours to be full charged rapidly

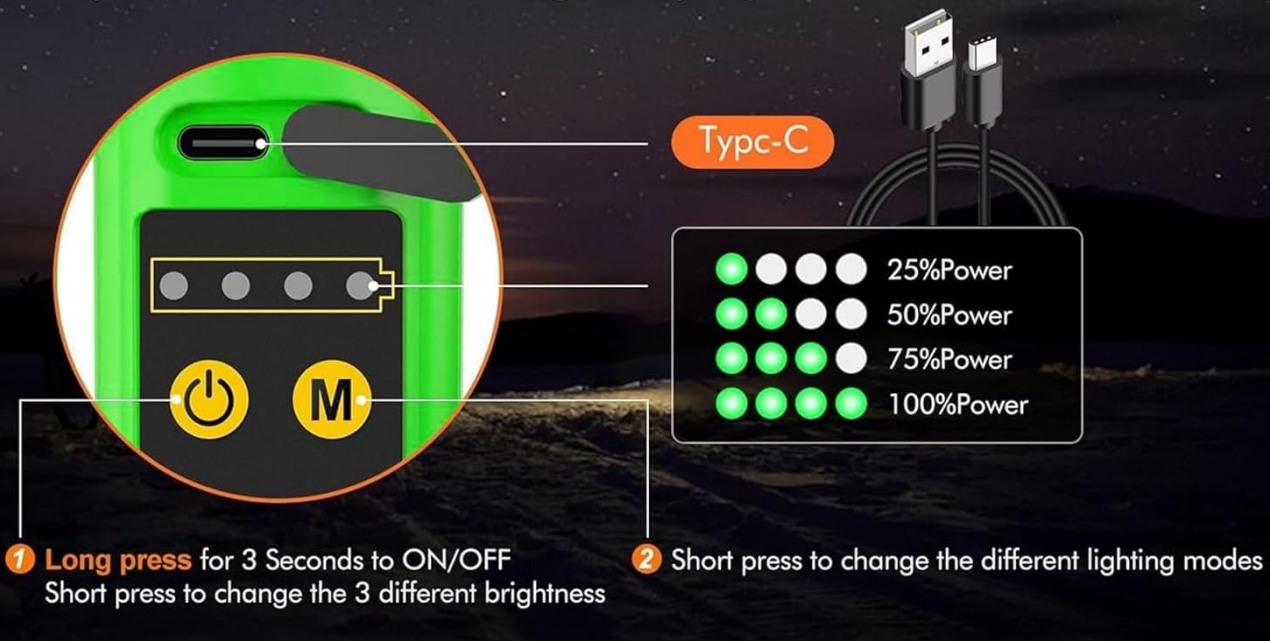


Figure 4.1: Charging interface and power indicator. The image shows the USB-C port, battery level indicators (25%, 50%, 75%, 100%), and button functions for power and mode selection.

5. Operating Instructions

5.1 Power On/Off

To turn the light **ON**, press and hold the power button (marked with a power symbol) for 3 to 4 seconds. This feature is designed to prevent accidental activation and minimize power loss.

To turn the light **OFF**, press and hold the power button again for 3 to 4 seconds.

5.2 Changing Lighting Modes

Once the light is on, short press the mode button (marked with 'M') to cycle through the 6 available lighting modes:

1. High Brightness (6500K)
2. 6500K Flashing
3. Red Light

4. Red Flashing Light
5. Blue Light
6. Blue Flashing Light



Figure 5.1: Illustration of the multiple lighting settings available on the work light.

5.3 Using Magnets and Hooks

The work light features powerful magnets on each end and two swivel hooks for flexible mounting:

- **Magnetic Attachment:** Attach the light to any ferrous metal surface, such as a car hood, metal shelving, or workshop equipment. Ensure the surface is clean and provides sufficient magnetic adhesion.
- **Swivel Hooks:** Extend the hidden swivel hooks from the ends of the light. These hooks allow you to hang the light from various fixtures, ropes, or under-hood components. The hooks can be conveniently nested back into the light when not in use.
- **Adjustable Angle:** The light bar can rotate 360° on its axis, and the bases can rotate 180°, allowing you to direct light precisely where needed.



Figure 5.2: Demonstrates the flexibility and portability of the work light, including its 360° rotatable body and 180° rotatable base, shown in various application settings.



Figure 5.3: Examples of magnetic and hook usage, illustrating the light's versatility for hands-free operation.

6. Maintenance

6.1 Cleaning

To clean the work light, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the surface or internal components. Ensure the charging port cover is securely closed before cleaning to maintain IP65 water resistance.

6.2 Storage

Store the work light in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery to approximately 50% every 3-6 months to prolong battery life.

6.3 Battery Care

The built-in lithium-ion battery is designed for long life. To maximize its lifespan:

- Avoid fully discharging the battery frequently.

- Do not leave the light connected to a charger indefinitely after it is fully charged.
- Charge the battery at room temperature.

7. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted. Incorrect power-on procedure.	Charge the light using the USB-C cable. Ensure you press and hold the power button for 3-4 seconds to activate.
Light dims quickly or battery life is short.	Battery not fully charged. Operating in high brightness mode for extended periods. Battery degradation over time.	Ensure the light is fully charged before use. Use lower brightness modes for longer runtime. Battery capacity naturally decreases over time.
Magnets do not stick to surface.	Surface is not ferrous (e.g., aluminum, carbon fiber).	Ensure the surface has high iron content for magnetic adhesion. Use hooks or other mounting methods if the surface is non-ferrous.
Light flickers or behaves erratically.	Low battery. Internal fault.	Recharge the light. If the problem persists, contact customer support.

8. Specifications

Feature	Detail
Model Number	SWL-01
Brand	MEIKEE
Light Source Type	LED (140 chips)
Brightness	Up to 3000 Lumens
Color Temperature	6500K (White Light)
Lighting Modes	6 (High Brightness, 6500K Flashing, Red, Red Flashing, Blue, Blue Flashing)
Power Source	Battery Powered (2 Lithium Ion batteries included)
Charging Port	USB-C
Runtime (approx.)	Low Brightness: 8.5 hours Mid Brightness: 5 hours High Brightness: 2.5 hours
Charging Time (approx.)	2 hours (with 2A/3A charger)
Material	Aluminum, ABS Housing

Feature	Detail
Waterproof Rating	IP65
Product Dimensions	8.2 x 5.31 x 43.31 cm (3.23 x 2.09 x 17.05 inches)
Weight	550 g (1.21 lbs)

9. Warranty and Support

MEIKEE products are manufactured to high-quality standards. For information regarding warranty coverage, returns, or technical support, please refer to the warranty card included with your purchase or visit the official MEIKEE website. Please have your product model number (SWL-01) and purchase details ready when contacting support.

For further assistance, you may also refer to the MEIKEE store on Amazon:

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