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SUNREI SU-C500

SUNREI Mini Portable LED Work Light User Manual

Model: SU-C500

INTRODUCTION

Thank you for choosing the SUNREI Mini Portable LED Work Light. This compact and versatile light is designed for various applications, offering multiple lighting modes, adjustable color temperatures, and robust features like magnetic attachment and IPX5 waterproofing. Please read this manual carefully to ensure proper use and maintenance of your device.

PRODUCT FEATURES

- **Versatile Lighting:** Features 5 modes and 4 color temperatures (2700K, 3500K, 4500K, 6500K), offering 13 distinct lighting choices including low, medium, high brightness, and a 625nm red light mode with SOS function for emergencies.
- **Adjustable & Durable Design:** The light can be rotated 180° and includes a stand for flexible positioning. Constructed from high-quality ABS material, it boasts an IPX5 waterproof rating, protecting it from various weather conditions.
- **Convenient Portability & Charging:** Equipped with a lock hook for easy attachment to backpacks or keychains. Features a Type-C charging port for fast and convenient recharging.
- **Extended Battery Life:** Built-in 1200mAh rechargeable lithium battery provides up to 15.5 hours of runtime in energy-saving mode, with a full charge achieved in approximately 1.7 hours.
- **Multi-Application Use:** Ideal for a wide range of activities including camping, fishing, grilling, car repair, emergency lighting, and use in workshops, garages, and basements.

180°



180° rotation



strong magnetic



type-c charging



IPX5 waterproof

Figure 1: Key features including 180° rotation, strong magnetic base, Type-C charging, and IPX5 waterproof rating.



Figure 2: Versatile applications of the work light, including maintenance, reading, camping, and warning uses.

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Video 1: Official product video demonstrating the SUNREI Mini Portable LED Work Light's features and various uses in different environments.

SETUP & CHARGING

Initial Charge

Before first use, fully charge the SUNREI Mini Portable LED Work Light. Connect the included Type-C charging cable to the charging port on the device and plug the other end into a compatible USB power source (e.g., wall adapter, power bank, computer USB port). The power indicator lights will show charging status.

A full charge typically takes approximately 1.7 hours. The power indicator lights will change to indicate a full charge.

Function Introduction



Type-c charging port



Power indicator light



Hook function

Figure 3: Overview of the light's functions and components, including the Type-C charging port.

OPERATING INSTRUCTIONS

Power On/Off and Brightness Adjustment

1. To turn on the light, click the power switch.
2. Subsequent clicks of the power switch will cycle through brightness levels: Low (35LM) → Medium (110LM) → High (350LM).
3. To turn off the light, continue clicking the power switch until the light turns off, or hold the power button for more than 1 second from any white light mode to activate the extremely bright mode (500LM), then click again to turn off.

Color Temperature Adjustment

While the light is on in any white light mode, click the color temperature switch to cycle through the available color temperatures: 2700K → 3500K → 4500K → 6500K. Each brightness level can be adjusted to 2 different color temperatures.

Red Light and SOS Mode

From the white light modes, continue clicking the power switch past the High brightness setting to activate the Red Highlight mode (625nm). Click again for Red Flashing (SOS) mode. Another click will return to the Low brightness white light mode.

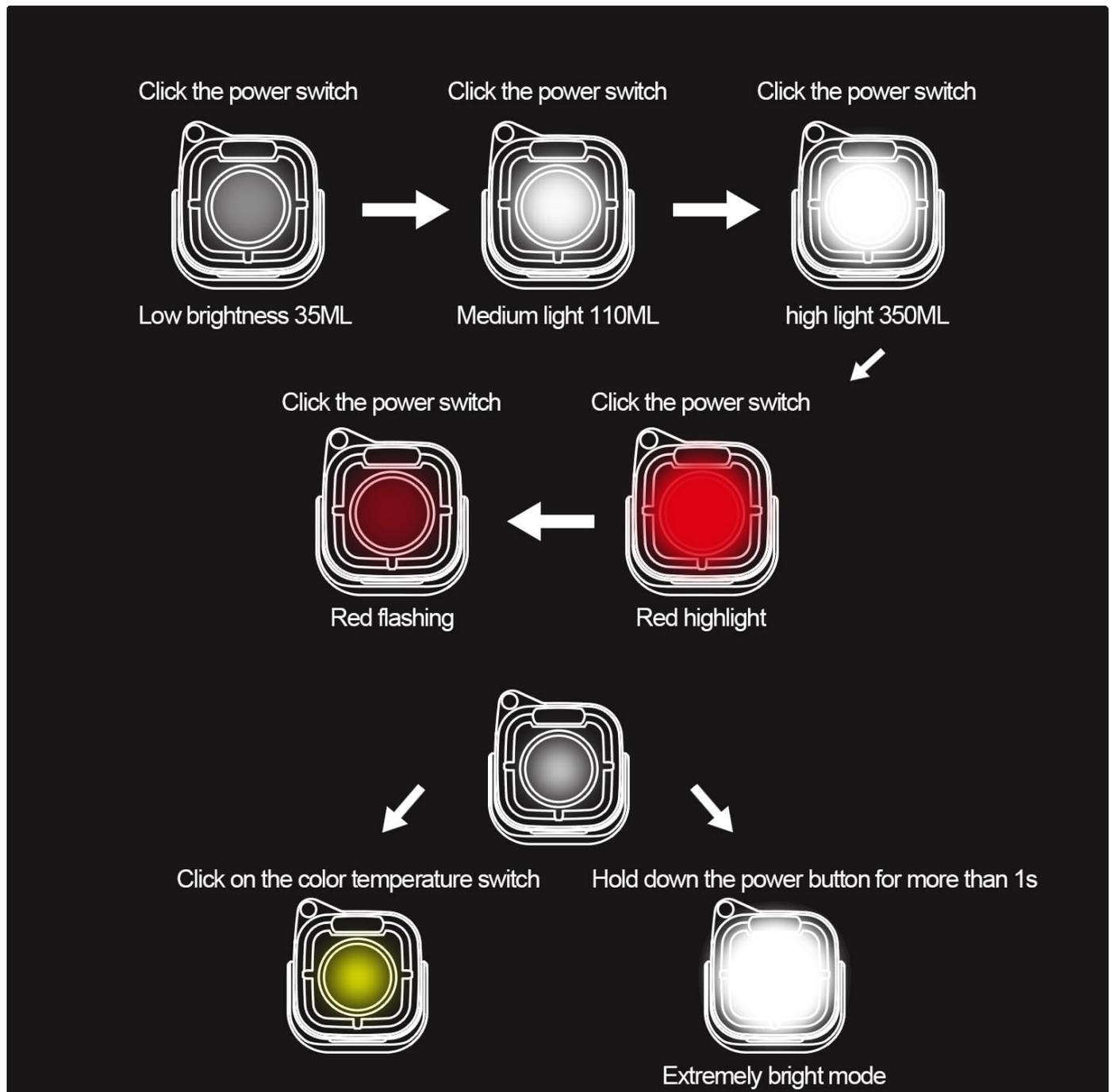


Figure 4: Detailed operational flow for brightness, color temperature, and red light modes.

MAINTENANCE

- **Cleaning:** Wipe the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place when not in use. If storing for extended periods, charge the battery every 3-6 months to maintain battery health.
- **Water Resistance:** The light is IPX5 waterproof, meaning it can withstand splashes and light rain. Do not submerge the device in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light using the provided Type-C cable.
Light is dim or flickers.	Low battery or incorrect mode.	Recharge the battery. Cycle through modes to ensure desired brightness is selected.
Cannot change color temperature.	Not in a white light mode.	Ensure the light is in one of the white light brightness modes (Low, Medium, High) before attempting to change color temperature.
Charging not working.	Cable or power source issue.	Try a different Type-C cable or a different USB power adapter. Ensure the cable is fully inserted.

SPECIFICATIONS

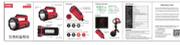
Attribute	Value
Brand	SUNREI
Model Number	SU-C500
Style	C500
Color	khaki
Power Source	Battery Powered
Light Source Type	LED
Material	ABS
White Brightness	500 Lumens (Max)
Included Components	1*Magnetic Work Light, 1*diffuser, Charging Cable
Battery Cell Composition	Lithium Ion / Lithium Polymer
Battery Capacity	1200mAh
Runtime	Up to 15.5 hours (energy saving mode)
Charging Time	Approx. 1.7 hours
Water Resistance Level	IPX5 Waterproof
Item Weight	0.15 Kilograms (5.3 ounces)
Product Dimensions	4.5 x 3.7 x 1.57 inches



Figure 5: Product dimensions for the SUNREI Mini Portable LED Work Light.

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your SUNREI Mini Portable LED Work Light, please refer to the official SUNREI website or contact their customer service directly. Contact details can typically be found on the product packaging or the manufacturer's official online channels.



[SUNREI TZ800 Rechargeable LED Flashlight - User Guide and Specifications](#)

Detailed information on the SUNREI TZ800 flashlight, including features, instructions, specifications, and warranty information. This rechargeable LED flashlight offers multiple light modes, a powerful 8000mAh battery, and IPX6 waterproofing.



[Thetford Cassette Toilet C500: Modern Re-design](#)

Information on the Thetford Cassette Toilet C500 featuring a modern re-design, offering a perfect fit for existing C500 models. Includes visual guide for operation.



C500-LCD Instructions

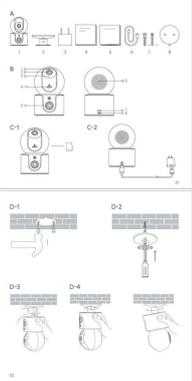
[YOSE POWER C500-LCD Instrument Manual](#)

Comprehensive instructions for the YOSE POWER C500-LCD instrument, covering user guide, dimensions, button definitions, function overview, user settings, troubleshooting, and warranty information.



[Technics Music App User Guide: Seamless Audio Control](#)

Discover the Technics Music App for intuitive control of your Technics audio system, managing music sources, playlists, playback, and streaming services like Spotify and TIDAL.



Read the manual carefully before use, and retain it for future reference.

Precautions

- The operating temperature range for this camera is 10°C to 40°C. Do not use this camera in environments with temperatures above or below the specified operating range.
- This camera is a precision electronic product. To ensure normal use, do not use the camera in extremely humid environments or locations that may cause water ingress.
- To ensure the best performance, do not place the lens directly in front of a reflective surface, such as glass windows or white walls, as this will cause the image to appear blurry. Light-colored walls and the camera will create a white reflection on the camera lens.
- When using 802.11n, make sure the camera is installed in an area with strong 802.11n signal. Do not install the camera near microwave ovens and other objects or places that may cause signal interference.
- When installing or adjusting the angle of the camera, the infrared night vision will be disabled once a night vision mount will be made. When in use.
- If the power button gets damaged, please contact the after sales service team for replacement.

Product Contents

Package Contents (Fig. A)	Camera (Fig. B)
1. Xiaomi Smart Camera C500 Dual	1. Indicator
2. Wall Mount	2. Infrared Camera Lens
3. Power Adapter	3. Microphone
4. User Manual	4. Infrared LED (not visible when the lens is closed)
5. Mounting Screws	5. Night Vision
6. Changing Cable	6. Power Connector
7. Wall Mounting Kit	7. Loudspeaker
8. Mounting Template Sticker	8. Power Button
	9. Power Port

Read the instructions of product accessories, and use indicators in the user manual as the reference to properly install product and functions to use the product safely and effectively. The model names and safety information of the camera are shown in the user manual and in the bottom of the camera.

How to Use

Installing a wireless LAN

Make sure that the camera is plugged from power and ON the global camera lens, power adapter is connected and on. Then insert a microSD card into the slot on the camera surface being backwards (Fig. C-1).

Power On

Using the camera when handling or removing the microSD card. Please use a microSD card that is certified for the camera because it will not work with a capacity of 48 GB or 64 GB and the FAT32 format, and the expected read speed will be reduced. Please refer to the specifications for the storage device on the camera page. The maximum read speed is recommended that the microSD card has a maximum read speed of no less than 100MB/s.

Power Off

Plug the power adapter cable into the power port on the camera, and the camera will start working (Fig. C-2). When the indicator starts to glow and a voice notification is heard, the camera is successfully powered on.

Reset

Press the reset button for about 10 seconds to change the camera settings. When the camera is powered on, the indicator remains green. Once connected, the indicator will change to blue.

Reset

Press and hold the reset button for about 10 seconds to change the network of the camera. A voice notification will be heard once the reset is completed.

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Xiaomi Smart Camera C500 Dual User Guide

User guide for the Xiaomi Smart Camera C500 Dual, detailing setup, features, and usage. Includes information on wall mounting, power adapter, and manual.

External AC Adapter Specifications

Model Number	AD-20000001-01
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	5.1V ± 0.1V
Output Current	2.0A
Efficiency	> 80%
Input Power	100W

The EU LVD Section for this device is located to follow use only when operating in the 230V-50/60Hz frequency range.

Manufacturer for Xiaomi Communications Co., Ltd.
 Manufacturer for Shenzhen Xinyuan Technology Co., Ltd.
 Address: The 6th Floor, Room 601, Longgang District, Shenzhen, China
 Contact: 400-888-8888 (China), 400-888-8888 (China)
 User Manual Version: 1.0

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