SUNREI C500

SUNREI C500 Mini Portable LED Work Light User Manual

Model: C500

1. PRODUCT OVERVIEW

The SUNREI C500 is a versatile mini portable LED work light designed for various applications, including camping, car repair, and emergency lighting. It features multiple lighting modes, adjustable color temperatures, a 180-degree rotating stand, magnetic base, and a hook for convenient placement.

Image 1: The SUNREI C500 Mini Portable LED Work Light, showcasing its compact design and included Type-C charging cables.

Key Features:

- **Multiple Modes:** 5 modes including low, medium, high brightness, red light, and SOS.
- **Adjustable Color Temperature:** 4 settings (2700K, 3500K, 4500K, 6500K) for varied lighting needs.
- **180° Rotation:** Allows for flexible light positioning.
- **Magnetic Base & Hook:** Provides multiple mounting options.
- **IPX5 Waterproof:** Resistant to water splashes from any direction.
- **Rechargeable Battery:** Built-in 1200mAh lithium battery with Type-C charging.

Image 2: Product dimensions of the SUNREI C500 work light, measuring approximately 2.36 inches in height, 2.12 inches in width, and 1.1 inches in depth.

2. SETUP AND CHARGING

2.1 Initial Charge

Before first use, fully charge the device. The built-in 1200mAh lithium battery provides up to 15.5 hours of runtime in energy-saving mode and can be fully charged in approximately 1.7 hours.

2.2 Charging Procedure

1. Locate the Type-C charging port on the device.
2. Connect the provided Type-C charging cable to the port.
3. Connect the other end of the cable to a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
4. The power indicator lights will show charging status. All lights illuminated indicate a full charge.

Image 3: A close-up view of the Type-C charging port on the device, highlighting its design for convenient power input.

Image 4: Diagram illustrating the functions of the SUNREI C500, including the power switch, color temperature adjustment button, power indicator lights, Type-C charging port, and hook function.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off and Brightness Adjustment

The device features a power switch to control its illumination.

1. **Power On:** Click the power switch once to turn on the light at low brightness (35LM).
2. **Brightness Cycle:** Subsequent clicks will cycle through medium brightness (110LM) and high

brightness (350LM).

3. **Extremely Bright Mode:** Hold down the power button for more than 1 second to activate the extremely bright mode (500LM).

4. **Power Off:** Continue clicking the power switch after high brightness to turn off the light, or hold the power switch for 1 second in any mode to turn off.

3.2 Color Temperature Adjustment

The device offers four color temperature settings to suit different environments.

- Click the color temperature adjustment button to cycle through 2700K, 3500K, 4500K, and 6500K.
- Each brightness level can be adjusted to two different color temperatures.

3.3 Red Light and SOS Modes

For emergency or warning situations, the device includes red light functions.

1. From the off state or after cycling through white light modes, click the power switch to activate red highlight mode (625nm).
2. Click again for red flashing (SOS) mode.
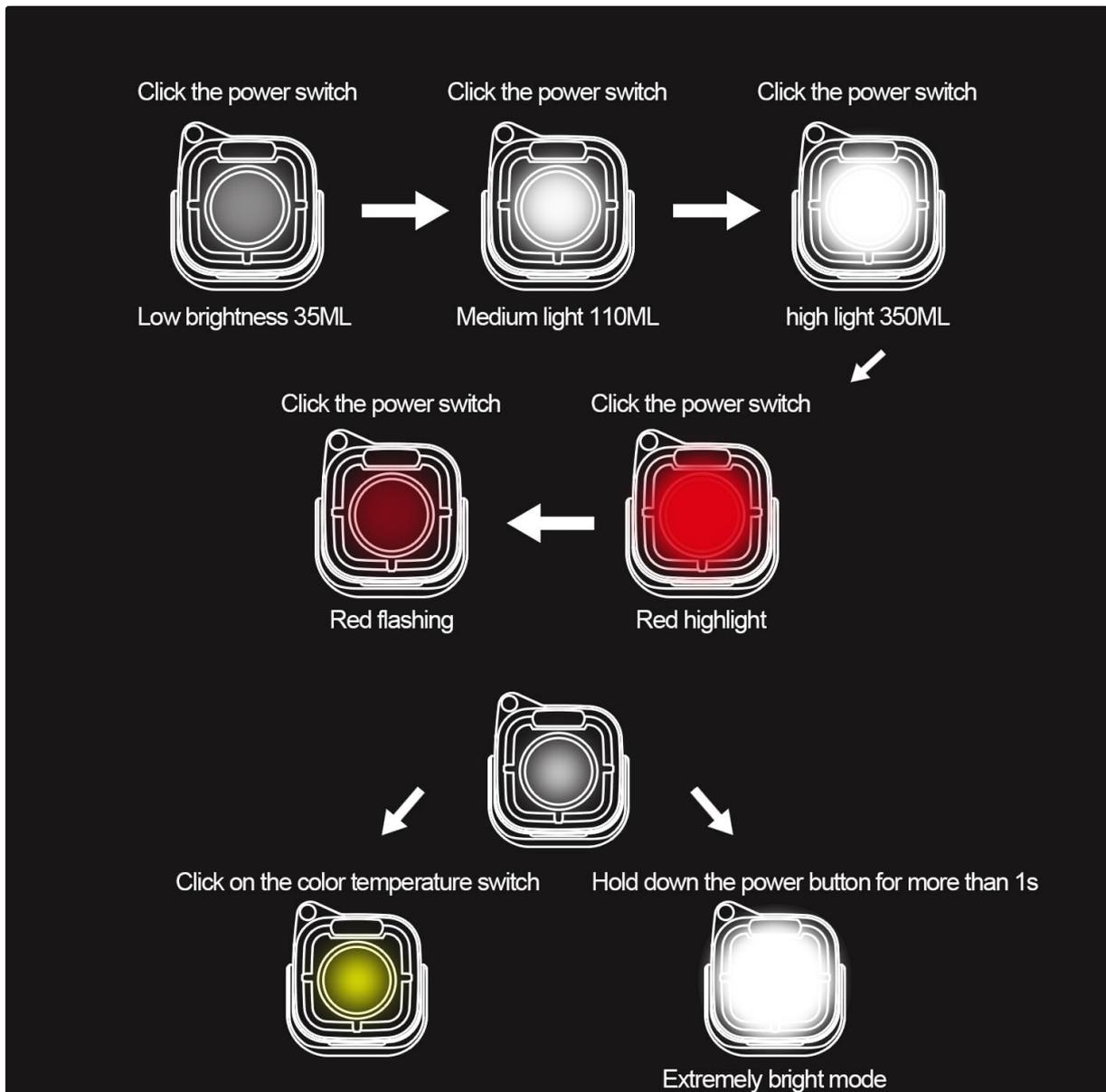
Image 5: A visual guide demonstrating the sequence of mode switching for brightness, red light, and color temperature on

the SUNREI C500.

Image 6: The SUNREI C500 work light displaying various color temperatures, from warm yellow to cool white, demonstrating its versatility.

3.4 Positioning and Mounting

The C500 offers flexible positioning options:

- **180° Rotating Stand:** Adjust the light angle as needed.
- **Magnetic Base:** Attach the light to metallic surfaces for hands-free operation.
- **Hook Function:** Use the integrated lock hook to hang the light on backpacks, keychains, or other suitable points.

180° rotation

strong magnetic

type-c charging

IPX5 waterproof

Image 7: Four key features of the SUNREI C500: 180° rotation, strong magnetic attachment, Type-C charging, and IPX5 waterproof rating.

Image 8: The SUNREI C500 emitting a bold red light while attached to a backpack, demonstrating its use as a warning light or for visibility.

Bold and bright red light
Can be hung on various
equipment such as backpacks, keychains, etc
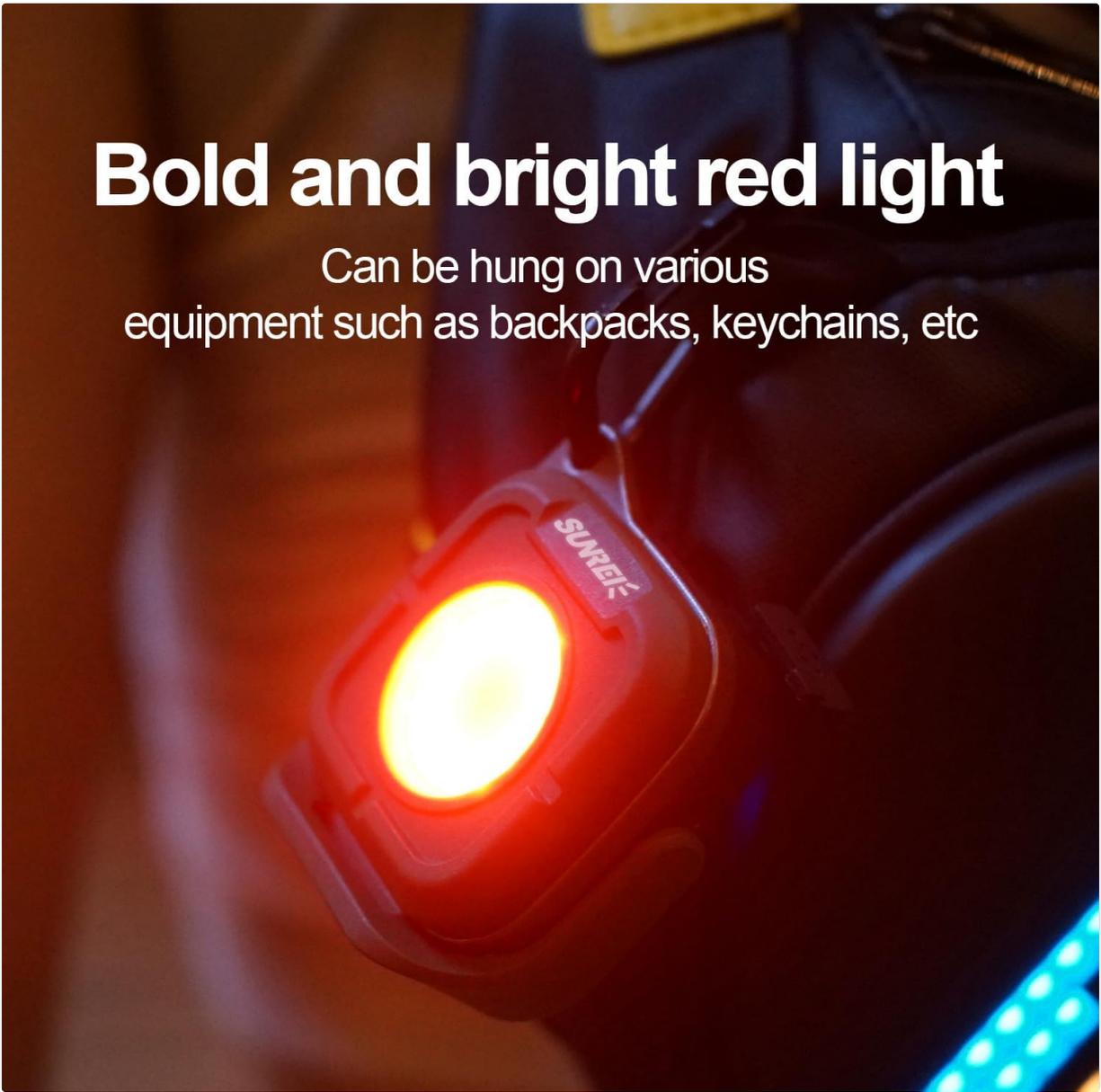
Image 9: Various application scenarios for the SUNREI C500, including maintenance lighting under a car hood, reading lighting, camp lighting inside a tent, and warning lighting when attached to a backpack.

3.5 Product Video

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Video 1: An official product video from SUNREI demonstrating the features and various uses of the Mini Portable LED Rechargeable Magnetic Work Light, including its different light modes, magnetic attachment, and portability.

4. MAINTENANCE

4.1 Cleaning

To clean the device, wipe it with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the surface or internal components.

4.2 Storage

When not in use for extended periods, store the work light in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) before storage to prolong its lifespan.

4.3 Battery Care

The device uses a rechargeable lithium-ion battery. To maintain battery health:

- Avoid fully discharging the battery frequently.
- Charge the device regularly, even if not in frequent use.
- Do not expose the device to temperatures above 60°C (140°F) or below -20°C (-4°F).

5. TROUBLESHOOTING

5.1 Light Not Turning On

- **Check Battery:** Ensure the device is charged. Connect it to a power source using the Type-C cable.
- **Power Button:** Press the power button firmly. If it still doesn't turn on, try holding it for a few seconds.

5.2 Light Not Charging

- **Cable Connection:** Verify that the Type-C cable is securely connected to both the device and the power source.
- **Power Source:** Test the charging cable and power adapter with another device to ensure they are functional.
- **Charging Port:** Inspect the charging port for any debris or damage.

5.3 Dim or Inconsistent Light Output

- **Battery Level:** A low battery can cause dim light. Recharge the device.
- **Mode Selection:** Ensure the desired brightness mode is selected. Cycle through the brightness settings.

6. SPECIFICATIONS

Feature	Specification
Model Number	SU-C500-Army green
Light Source Type	LED
Brightness	500 Lumens (Max)
Color Temperature	2700K, 3500K, 4500K, 6500K
Power Source	Battery Powered
Battery Type	Rechargeable Lithium Polymer
Battery Capacity	1200mAh
Charging Port	Type-C
Water Resistance	IPX5 Waterproof
Material	ABS
Item Weight	5.3 ounces (0.15 Kilograms)

Product Dimensions	2.4 x 2.1 x 1.1 inches

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your SUNREI C500 Mini Portable LED Work Light, please contact the manufacturer directly through their official channels or visit the SUNREI Store on Amazon.

Related Documents - C500

	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.
YOSE POWER C500-LCD Instructions V1.0	**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.
THETFORD Cassette Toilet C500 Modern re-design Perfect fit for your current C500 Thetford toilet	**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.

[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.

Read this 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 improve the camera's performance, do not place it where its lens faces or is next to a reflective surface, such as glass windows or white walls, as this will cause the image to appear overly bright in areas close to the camera and darker in areas further away, or cause the camera to produce white images.
- When using Wi-Fi, make sure the camera is installed in an area with a strong Wi-Fi signal. Do not install the camera near microwave ovens and other objects or places that may affect its Wi-Fi signal.
- When enabling or disabling the night vision of the camera, the infrared cut-off filter will be switched and a slight clicking sound will be made, which is normal.
- If the power cable gets damaged, please contact the after-sales service team for replacement.

Product Overview

Package Contents (Fig. A)
1. Xiaomi Smart Camera C500 Dual
2. Wall Mount
3. Power Adapter
4. User Manual
5. Warranty Notice
6. Charging Cable
7. Wall Mounting Kit
8. Mounting Template Sticker

Camera (Fig. B)
1. Indicator
2. Gimbal Camera Lens
3. Microphone
4. microSD Card Slot (visible when the lens is facing upward)
5. Fixed Camera Lens
6. Loudspeaker
7. Reset Button
8. Power Port

Notes:
Illustrations of product, accessories, and user interface in the user manual are for reference purposes only. Actual product and functions may vary due to product enhancements.
The model, parameters and safety information of the camera are shown in the user manual and at the bottom of the camera.

How to Use

Installing a microSD Card
Make sure that the camera is unplugged from power, and tilt the gimbal camera lens upward to expose the microSD card slot. Then insert a microSD card into the slot with the contact surface facing downwards. (Fig. C-1)

CAUTION:
Unplug the camera when inserting or removing the microSD card. Please use a microSD card from a qualified brand (the camera supports a microSD card with a capacity of 8 GB to 256 GB and the FAT32 format) only, and the microSD card may need to be formatted to the FAT32 format before use via Settings > Manage storage on the camera's plug-in page in the Xiaomi Home app. It is recommended that the microSD card has a read/write speed of no less than U1/Class 10.

Turning on
Plug the power adapter cable into the power port on the camera, and the camera will automatically turn on. (Fig. C-2)
When the indicator keeps in orange and a voice notification is heard, the camera is successfully turned on.
Note: Please make sure to use the original power adapter cable provided to charge the camera to avoid the camera not working properly. When the camera is turned on, do not turn the lens of the camera via force. If the positioning of the lens is inaccurate, please calibrate it in the Xiaomi Home app.

Indicator Status
Keeping orange: Awaiting connection/Reset successfully
Blinking blue: Connecting to a server/OTA update in progress
Blinking orange: Connecting to a network
Keeping blue: Connected successfully/Working normally

Connecting with the Xiaomi Home App

This product works with the Xiaomi Home app.

Use the Xiaomi Home app to control your device, and to interact with other smart home devices.

Scan the QR code to download and install the app. You will be directed to the connection setup page if the app is installed already. Or search for "Xiaomi Home" in the app store to download and install it.
Open the Xiaomi Home app, tap "+" on the upper right, and then follow the instructions to add your device.

Notes:
The version of the app might have been updated, please follow the instructions based on the current app version.
When connecting, make sure the network connection is stable, the camera is turned on, and the indicator remains orange. Once connected, the indicator will change to blue.
Please download and use Xiaomi Home app version 8.4 and above.

Reset
Press and hold the reset button for about 7 seconds. If charging the network or the Xiaomi account connected to the camera, a voice notification will be heard once the reset is completed.
Note: Resetting the camera will not delete any data on the microSD card.

Installation

You can place the camera on a horizontal surface, such as a desk, dining table, or coffee table, or mount it on a wall.

Precautions for placing the camera on a table: Place the camera on a table edge or heightened position for a better wide-angle view of the fixed lens.

Mounting the camera on a wall:
1. Stick the mounting template sticker in a proper position on the wall. Drill holes in the wall that align with the holes on the sticker, with a diameter of about 6 mm and a depth of about 30 mm. (Fig. D-1)
2. Insert the plastic wall plugs into the drilled holes. (Fig. D-1)
3. Align the holes on the wall mount with the drilled holes in the wall. Insert a screw through each wall mount hole, and then screw it into each wall plug with a Phillips head screwdriver. (Fig. D-2)
4. Align the grooves on the bottom of the camera with the raised part on the wall mount. Then hold both positions with "▼" on the wall mount and turn the wall mount clockwise until it locks into place. (Fig. D-3)
5. Adjust the shaft of the wall mount until the camera reaches a proper angle. Hold and horizontally turn the camera to adjust the horizontal direction of the fixed lens. Vertically turn the camera along the direction of "▼" on the wall mount to adjust the pitching angle of the fixed lens. (Fig. D-4)

⚠ Precaution:
The wall must be able to support at least three times the total weight of the camera.

⚠ WARNING:
The camera must be securely fixed to the ceiling or wall according to the installation instructions to prevent possible injury.

WEEE Information

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

EU Declaration of Conformity

Hereby, Shanghai Modian Technology Co., Ltd. declares that the radio equipment type (Xiaomi Smart Camera C500 Dual product name) MBC10 (model) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.mi.com/global/service/support/declaration.html
For detailed e-manual, please go to www.mi.com/global/support/userguide
Under normal use of condition, this equipment should be kept a separation distance of at least 20 cm between the antenna and the body of the user.

CAUTION: Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to the eyes.

Note: The power adapter is not waterproof and is only for indoor use. Do not use it in extremely humid environments or locations that may cause water ingress.

Specifications

Name: Smart Camera	Model: MBC10
Item Dimensions: 78 × 77 × 128 mm	Rated Input: 5 V ⎓ 2 A
Operating Temperature: -10°C to 40°C	Net Weight: Approx. 305 g
Wi-Fi Maximum Output Power: 2412–2472 MHz, 20 dBm	Resolution: 2960 × 1660
5180–5320 MHz, 5500–5700 MHz, 5745–5825 MHz, 23 dBm	Video Codec: H.265
Bluetooth Operation Frequency: 2402–2480 MHz	
Bluetooth Maximum Output Power: 20 dBm	
Wireless Connectivity: Wi-Fi IEEE 802.11a/b/g/n/ac/ax 2.4 GHz/5 GHz, Bluetooth 5.3	
Compatible with: Android™ 8 & iOS 12 or above	
Storage: MicroSD card (16–256 GB supported)/Cloud storage/Network-attached storage (NAS)	

Frequency bands of 5 GHz Band 3 (5650–5725MHz) are unavailable for the camera in Malaysia.
Frequency bands of 5 GHz Band 3 (5470–5725MHz) are unavailable for the camera in Indonesia.
Frequency bands of 5 GHz Band 3 (5650–5669MHz) are unavailable for the camera in Russia.

External AC Adapter Specifications

Manufacturer: Jiangxi Jian Xinhai Technology Co., Ltd.	
Model Identifier: A232-0500250-EU2	
Input Voltage: 100–240 VAC, 50/60 Hz, 0.35 A	
Output Voltage: 5.0 V ⎓ 2.5 A 10 W	
Average Active Efficiency: ≥78.8%	
Efficiency at Low Load (10%): ≥70.0%	
No-load Power Consumption: ≤0.10 W	

BG	BE	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY
LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI
SE	UK	TR	NO	CH	IS	LI						

The WLAN function for this device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

Manufactured for: Xiaomi Communications Co., Ltd.
Manufactured by: Shanghai Modian Technology Co., Ltd.
(a Mi Ecosystem company)
Address: No.488 Shenzhuan Road, Dongjiang Hi-Tech Park, Caohejing Development Zone, Shanghai, China
For further information, please go to www.mi.com
User Manual Version: V1.0

Complies with IMDA Standards DB08125

[Blaupunkt BPA-C500 User Manual: Features, Operation, and Specifications](#)
Comprehensive user manual for the Blaupunkt BPA-C500 portable audio device, covering its features, detailed operating instructions, safety precautions, and technical specifications. Learn how to use your BPA-C500 effectively.