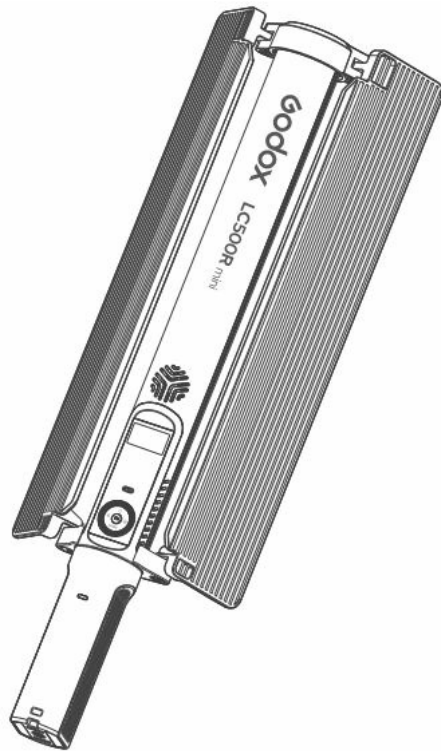




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Godox LC500R mini RGB LED Light Stick



Product Specifications

- **Model:** LC500R mini
- **Power:** 20W
- **Battery Capacity:** 7.2V 3350mAh
- **Color Temperature:** 2500-8500K
- **Brightness Range:** 0-100
- **CRI:** 95
- **TLCI:** 96
- **Operating Temperature:** -10°C to +40°C
- **Dimensions:** 43mm x 44mm x 457mm
- **Weight:** 559g

Product Usage Instructions

Safety Instructions and Attentions:

1. Read and understand the instructions before use.
2. Avoid exposing the product to children.
3. Avoid using the product for general lighting.

4. Avoid touching high-temperature parts when the lamp is on.
5. Do not look directly at the lamp beads when the lamp is on.
6. Stop using the lamp if the bead is damaged or deformed.

Usage Guidelines:

1. Ensure the product is charged before use.
2. Press the power button to turn on the LED light stick.
3. Adjust the color temperature and brightness settings as needed.
4. Use the Godox LightApp for advanced control options.
5. Avoid prolonged exposure to strong light to prevent eye discomfort.
6. Turn off the lamp and seek medical help if eye discomfort occurs.

Maintenance:

Regularly clean the product with a soft, dry cloth. Avoid using harsh chemicals that may damage the surface.

Safety Instructions and Attentions

First of all, as the most basic principle, this product is a professional lighting set of equipment and should be used by professional lighting engineers or under the guidance of professionals. Basic safety precautions must always be followed during use, as follows:

1. Before use, please read and understand these instructions and warnings.
2. Professional lighting is prohibited for children. When children are near, parents or accompanying persons must supervise closely to prevent children from personal injury due to collision with lamps or private use of lamps.
3. This lighting product is not ordinary and cannot be used for general lighting. Anyone who has suffered eye damage or has sensitive eyes should avoid using this product.
4. When the lamp is on, it must be used with care. Do not touch high-temperature parts, such as LED lamp beads, to avoid burns.
5. When the lamp is on, it is forbidden to look directly at the lamp beads under any circumstances. Strong light should be used under the guidance of professional lighting engineers. Avoid prolonged exposure to strong light under any circumstances. If eye

discomfort occurs, please turn off the lamp.

6. In time, suspend use, and see a doctor immediately.
7. If the lamp bead is damaged or deformed by heat, stop using this equipment, and contact the manufacturer, service agent, or qualified maintenance personnel to replace the lamp bead in time to avoid accidents.
8. This product is only suitable for use in an -10°C to 40°C operating environment and a normal humidity environment.
9. Do not use damaged equipment or accessories, and wait for professional maintenance personnel to check and repair to confirm being normal before use.
10. During use, if the casing of this product is broken due to being dropped, squeezed, or subjected to a strong impact, please do not use it, so as to avoid electric shock injury due to contact with internal electronic components.
11. If an extension cord is required, please use an extension cord with a current rating greater than or equal to that of the equipment. If an extension cord is rated less than the equipment, overheating may result.
12. Some products have long power cords. Please place the power cords properly and keep them in a safe place. Avoid contacting the power cord with overheating surfaces, avoid improper placement that could cause pulling damage, or tripping of on-site personnel. Please use the certified power cord from the original manufacturer. If the product is damaged by using a non-certified power cord, it will not be repaired by our factory.
13. Be sure to unplug equipment from the power outlet before cleaning and repairing. When not in use, do not pull the power cord to unplug the equipment. For normal power-off, please hold both ends of the plug of the equipment with your hands and pull the plug out of the power outlet. This equipment needs to be connected to a grounded outlet.
14. This equipment is not waterproof; please keep it dry and do not immerse it in water or other liquids. The equipment should be installed in a dry and ventilated place, and avoid using it in rainy, humid, dusty, or overheated environments. Do not place any objects on the lamp or let liquid flow into the lamp to avoid accidents.
15. Do not disassemble the product without permission. If the product fails, it must be checked and repaired by authorized maintenance personnel.
16. Before storing, make sure that the equipment has cooled down completely. For storage, unplug the power cord from the equipment. The equipment should be placed

in the carrying case or a ventilated, dry place.

17. Do not place equipment near flammable and volatile solvents such as alcohol and gasoline.
18. Do not use accessories that are not recommended by our factory to avoid fire, electric shock, or personal injury.
19. When cleaning, do not wipe it with a damp cloth; please use a dry cloth or a soft cloth to wipe the dirt off the equipment.
20. Please take off the protective cover before using.
21. This product complies with ROHS CE and FCC certification. Please refer to the relevant national standards for use and operation.
22. The safety instructions are formulated according to the strict testing of the factory, and the design and specifications of the equipment are subject to change without prior notice. For the latest product information, please check the GODOX website and view the latest electronic instructions.
23. Some products have built-in lithium batteries. Please use the specified chargers, and use them within a proper range of the specified voltage and temperature according to the correct operating instructions.
24. Some products are battery-powered. Do not use any batteries, power sources, or accessories not specified in the instructions for such products. Keep batteries and other accessories out of the reach of children and infants. In the instance that a child or infant swallows a battery or accessory, immediate emergency medical attention is required. If the battery leaks, becomes discolored, deformed, emits smoke, or emits an abnormal odor, remove it immediately. Be careful during removal to avoid burns. Continued use could result in fire, electric shock, or burns. Do not use any deformed or modified batteries. Do not disassemble or modify this product or battery. Do not heat or solder the battery. Keep the battery away from fire or water. Do not incorrectly insert the positive and negative ends of batteries, or mix old and new batteries or batteries of different types.
25. One-year warranty period, accessories such as consumable batteries, adapters, power cords, etc., are not covered by this warranty.
26. If it is found that the equipment is repaired without authorization, the one-year warranty period will be cancelled, and relevant fees will be charged for maintenance.
27. Machine failures caused by non-standard operation are not covered by the warranty.

Foreword

Thank you for purchasing

Introducing the all-new LC500R mini RGB LED Light Stick from Godox, boasting a lightweight design and an approximate output power of 20W. The top of the light stick and the bottom of the grip handle are both equipped with 1/4" screw holes. The LC500R mini is compatible with the

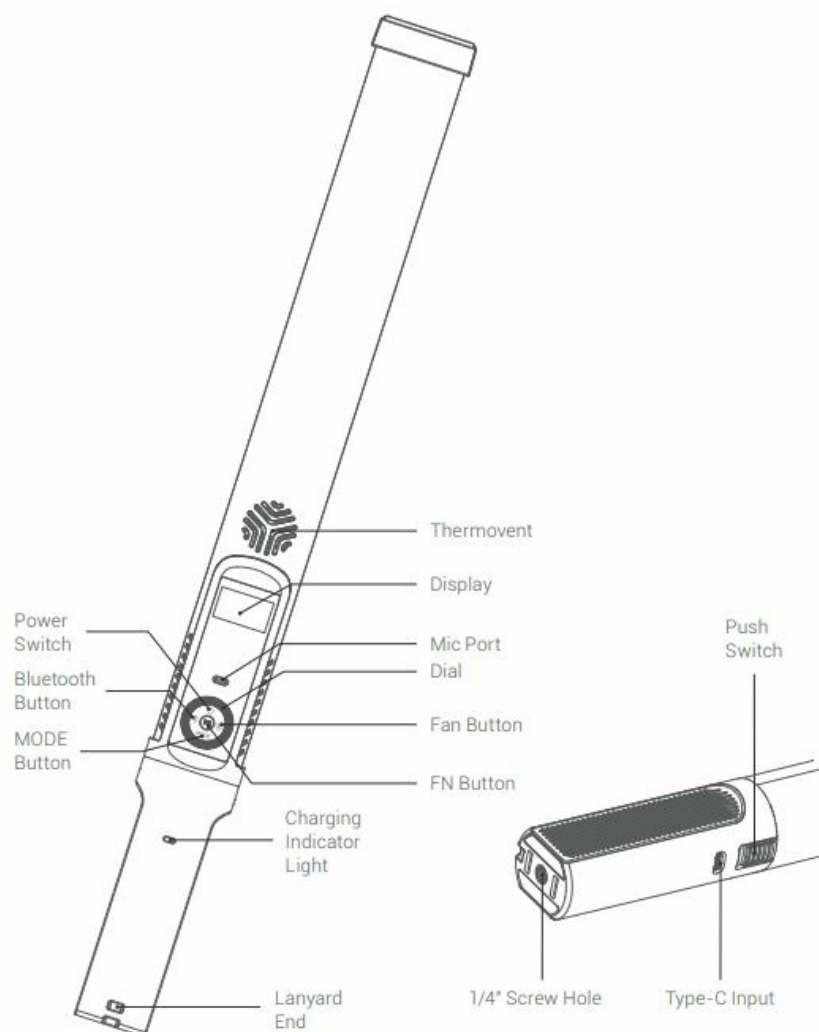
"Godox Light" app for wireless control and has a built-in lithium battery for enhanced mobility. It offers four modes: dual color temperature mode, HSI mode, RGB mode, and FX mode. The versatility of the LC500R mini makes it ideal for portrait photography, selfie lighting, live streaming, creative shooting, video recording, and other scenarios.

Note: The RGBW mode can only be adjusted through the "Godox light" App.

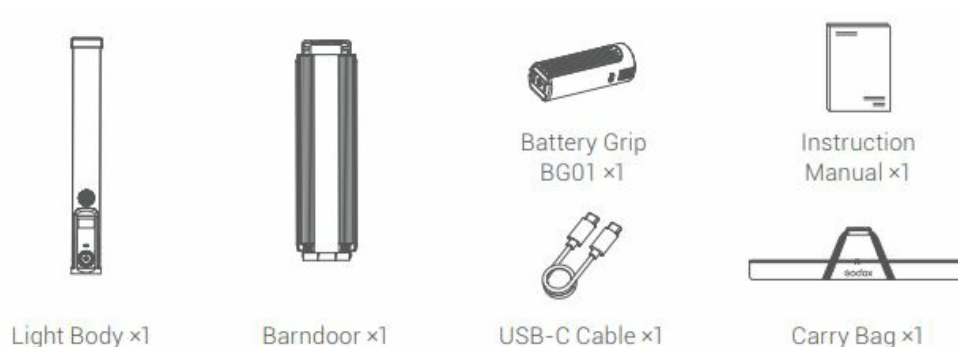
Warning

- Always keep this product dry. Do not handle the product with wet hands, and do not immerse the product in water or expose it to rain.
- Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- Keep out of reach of children.
- As this product is not waterproof, do not use it in rain or damp conditions.
- Do not leave or store the product if the ambient temperature reads over 40°C.
- Do not use the product in the presence of chemicals, flammable gases, or other special substances. In certain circumstances, please pay attention to the relevant warnings.

Name of Parts



What's Inside



Note: Due to continuous updates and upgrades of the products, there may be differences between the actual products and the pictures. Therefore, the pictures are for reference only, and products to prevail in kind.

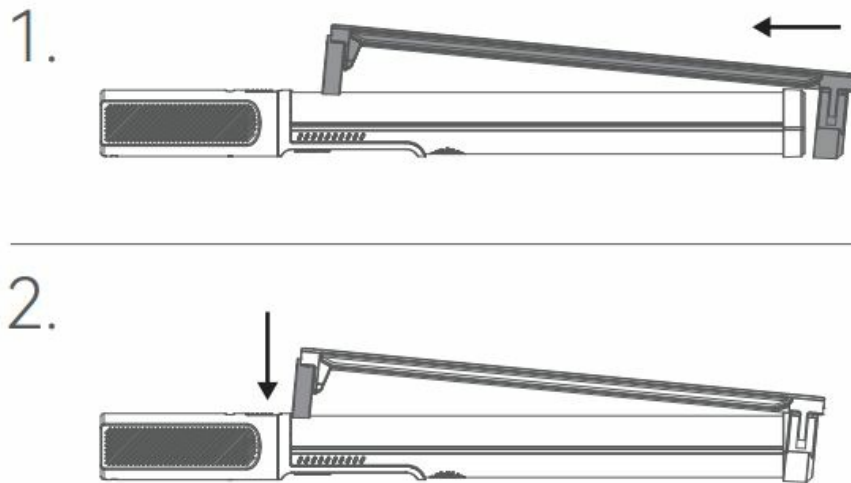
Optional Accessories

Battery Grip BG01

Installation and Disassembly of the Barndoor

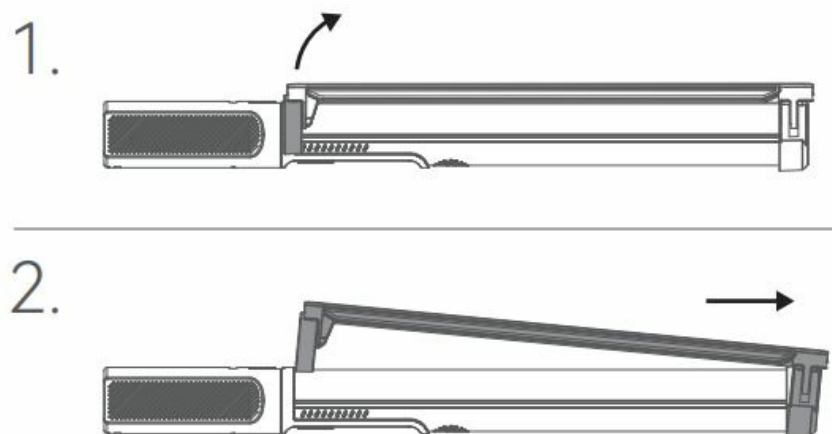
Installation of the Barndoor

After closing the barndoor, insert the top of the light stick into the slot of the barndoor. Then, the bottom of the stick light can be smoothly secured into the clamp of the barndoor.



Disassembly of Barndoor

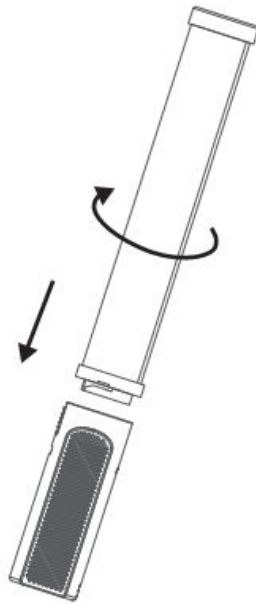
After closing the barndoor, pull the bottom of the light stick out of the clamp with one hand, and remove the barndoor with the other hand.



Installation and Removal of Battery

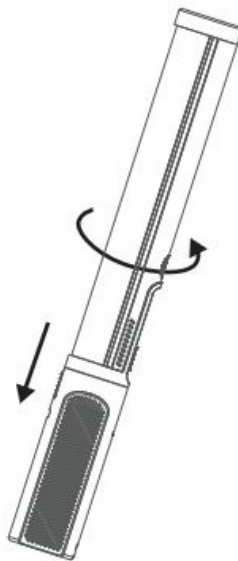
Installing Battery Grip BG01

Using your right hand, push down the push switch while simultaneously aligning the bottom of the light stick with the grip's mount using your left hand. Rotate the light stick clockwise and release the push switch to secure it in place.



Removing Battery Grip BG01

Using your right hand, push down the push switch while simultaneously rotating the light stick counterclockwise with your left hand and remove it. The light stick will detach from the grip.



Modes

Dual Color Temperature Mode

- Press the MODE Button to switch to CCT (dual color temperature mode).
- Short-pressing the FN Button allows you to select color temperature/brightness. After selecting an option, turn the dial to adjust the color temperature or brightness range. Turn the dial counterclockwise to decrease the color temperature/brightness by 100K/1%, and turn it clockwise to increase the color temperature/brightness by

100K/1%. The color temperature range is 2500-8500K, and the brightness range is 0%-100%.



HSI Mode
















- Press the MODE Button to switch to the HSI mode.
- Press the FN Button to select H (hue, adjustable from 0° to 360°), S (saturation, adjustable from 0% to 100%), or Brightness (brightness, adjustable from 0% to 100%).



FX Mode

- Press the MODE Button to switch to FX mode.
- Short-pressing the FN Button allows you to select the lighting effect/brightness/lighting effect parameters. To be specific, after selecting an option, rotate the dial to adjust the lighting effect/brightness/lighting effect parameters.



| NO. | FX Icon | FX Type | FX Settings | Adjustable Range |
|-----|---|-------------|-------------|--------------------------------------|
| 1 |  | RGB CYCLE | SPEED | 1-100 |
| 2 |  | PARTY | SPEED | 1-100 |
| 3 |  | FLASH | SPEED | 1-100 |
| 4 |  | LIGHTNING | FREQ | RANDOM/2-20 |
| 5 |  | CLOUDY | SPEED | RANDOM/1-100 |
| 6 |  | BROKEN BULB | SPEED | 1-100 |
| 7 |  | TELEVISION | SPEED | 1-100 |
| 8 |  | CANDLE | SPEED | 1-100 |
| 9 |  | FIRE | SPEED | 1-100 |
| 10 |  | FIREWORKS | SPEED | 1-100 |
| 11 |  | EXPLOSION | SPEED | 1-100 |
| 12 |  | WELDING | SPEED | 1-100 |
| 13 |  | POLICE CAR | COLOR | R+B, R, B, B+W, B+Y, Y, R+W+B, R+Y+B |
| 14 |  | SOS | CCT | 2500K-8500K |
| 15 |  | MUSIC | MODE | 1/2 |

Turning the Fan On/Off

If the light becomes overheated during operation, short-press the Fan Button to turn the fan on or off. When the fan is turned on, there will be no fan icon displayed above the screen. When the fan is turned off, the fan off icon will be displayed above the screen.

Note: When the fan is off, the brightness adjustment range is from 0% to 50%.



Bluetooth Setting

- Press the Bluetooth Button to enter the Bluetooth setting interface. Rotate the dial to select OFF (Bluetooth off)/MAC code/RESET (Bluetooth reset).
- After selecting 'RESET', short-press the FN Button to reset the Bluetooth. After the

reset is complete, it will automatically return to the Bluetooth interface.



“Godox Light” App

Scan the QR code to download the “Godox Light” app (both Android and iOS systems are available).

Note: The app can be used directly on the firstly installed device (smartphone or tablet). When changing to another mobile device, the light shall be reset before the normal usage of the app. The app should be V3.0 or above.



Photometric Data

| CCT | Unit | 0.5m | 1m | 2m |
|-------|------|-------|-------|------|
| 2500K | lux | ≈4610 | ≈1290 | ≈330 |
| | fc | ≈429 | ≈119 | ≈31 |
| 3200K | lux | ≈5200 | ≈1450 | ≈370 |
| | fc | ≈483 | ≈134 | ≈34 |
| 4300K | lux | ≈4840 | ≈1350 | ≈346 |
| | fc | ≈450 | ≈126 | ≈32 |

| | | | | |
|-------|-----|-------|-------|------|
| 5600K | lux | ≈5710 | ≈1580 | ≈406 |
| | fc | ≈530 | ≈147 | ≈38 |
| 6500K | lux | ≈5470 | ≈1520 | ≈390 |
| | fc | ≈508 | ≈141 | ≈36 |
| 8500K | lux | ≈4960 | ≈1380 | ≈353 |
| | fc | ≈461 | ≈128 | ≈33 |

Note: The above data are average values instead of absolute values. All the above tests are based on the condition of 100% brightness.

Technical Data

| | |
|---|-------------------------------|
| Model | LC500 R mini |
| Built-in Lithium Battery | 7.2V 3350mAh 24.12Wh |
| Battery Life (At 100% Brightness,5600K) | Longest battery life ≈ 75 min |
| Type-C Input | 5V 2A 9V 2A 12V 2A |
| Charging time | ≈1 hour 50 minutes (12V 2A) |
| Input Power | Max. ≈20W |
| CCT | 2500-8500K |
| Brightness Range | 0 -100 |
| FX Type | 15 |
| CRI | Average≥95 |

| | |
|-----------------------------------|--------------------------------------|
| TLCI | Average≥96 |
| Control Method | Bluetooth Control/Light Body Control |
| Bluetooth Control Distance | Max.30 |
| Working Environment Temperature | -10℃~40℃ |
| Dimension (Including Grip Handle) | 1.69"*1.73"*18" |
| Net Weight ≈ | 559g |

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This ice must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and uses can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirements.

The device can be used in portable exposure conditions without restriction.

Warning

- **Operating frequency:** 2402MHz – 2480MHz(BT)
- **Maximum EIRP Power:** 0.65dBm

Declaration of Conformity

GODOX Photo Equipment Co., Ltd. Hereby declares that this equipment complies with the requirements and other relevant provisions of Directive 2014/53/EU. By Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states. For more information on DoC, please click this web link:

<https://www.godox.com/eu-declaration-of-conformity/>. The device complies with RF specifications when the device is used at 0mm from your body.

Warranty

Dear customers, as this warranty card is an important certificate to apply for our maintenance service, please fill in the following form in coordination with the seller and keep it safe. Thank you!

| | | |
|----------------------|----------------|---------------------|
| Product Information | Model | Product Code Number |
| Customer Information | Name | Contact Number |
| | Address | |
| Seller Information | Name | |
| | Contact Number | |
| | Address | |
| | Date of Sale | |
| Note | | |

Note: This form shall be sealed by the seller.

Applicable Products

The document applies to the products listed on the Product Maintenance Information (see below for further information). Other products or accessories (e.g., promotional item giveaways, and additional accessories attached, etc. are not included in this warranty scope.

Warranty Period

The warranty period of products and accessories is implemented according to the relevant Product Maintenance Information. The warranty period is calculated from the day(purchase date) when the product is bought for the first time, and the purchase date is considered as the date registered on the warranty card when buying the product.

How to Get the Maintenance Service

If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. You can also contact the Godox after-sales service, and we will offer you service. When applying for maintenance service, you should provide a valid warranty card. If you cannot provide a valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.

Inapplicable Cases

The guarantee and service offered by this document are not applicable in the following

cases: ① The product or accessory has expired its warranty period; ② Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding and damp environments, etc; ③ Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment; ④ The original identifying information of product or accessory is modified, alternated, or removed; ⑤ No valid warranty card; ⑥ Breakage or damage caused by using illegally authorized, nonstandard or non-public released software; ⑦ Breakage or damage caused by force majeure or accident; ⑧ Breakage or damage that could not be attributed to the product itself. Once meet these situations above, you should seek solutions from the related responsible parties, and Godox assumes no responsibility. The damage caused by part accessoriess, accessories and software that are beyond the warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion, and consumption are not the breakage within the maintenance scope.

Maintenance and Service Support Information

The warranty period and service types of products are implemented according to the following Product Maintenance Information:

| Product Type | Name | Maintenance Period(month) | Warranty Service Type |
|--------------|---------------|---------------------------|---|
| Parts | Circuit Board | 12 | The customer sends the product to the designated site |
| | Battery | 3 | The customer sends the product to the designated siteElectrically |
| | | | |

| | | | |
|-------------|--|----|---|
| | l,, battery charger, etc. | 12 | The customer sends the product to the designated site |
| Other Items | Lamp body, lamp cover, locking device, package, etc. | No | Without warranty |

Frequently Asked Questions (FAQ)

Can this product be used for general lighting purposes?

No, this product is designed for professional lighting applications and should not be used for general lighting.


How do I adjust the color temperature of the LED light stick?

You can adjust the color temperature using the Godox LightApp or the controls on the stick itself.

What should I do if the lamp beads are damaged?

Stop using the product immediately and contact the manufacturer or authorized service center for replacement.

Documents / Resources

| | |
|---|---|
|  | Godox LC500R mini RGB LED Light Stick [pdf] Instruction Manual LC500R mini RGB LED Light Stick, LC500R mini, RGB LED Light Stick, LED Light Stick, Light Stick |
|---|---|

References

- [User Manual](#)

💎 Godox, LC500R mini, LC500R mini RGB LED Light Stick, LED Light Stick, Light Stick, RGB LED Light

📁 Godox Stick

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