Aputure®

Amaran
Perfect LED Lighting Solution
Halo
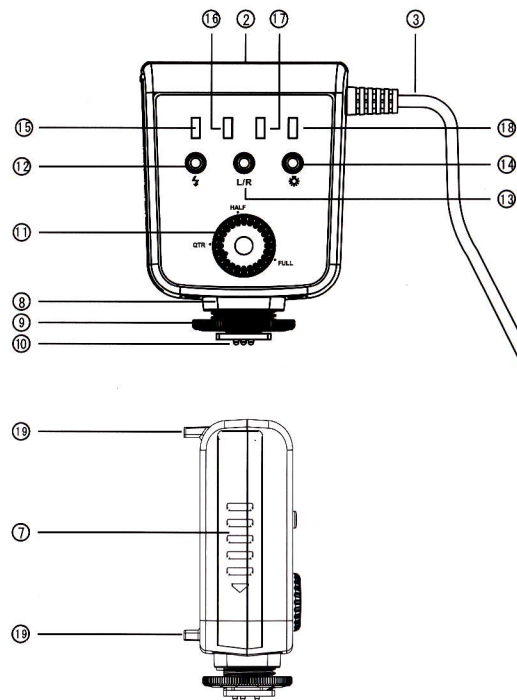
User Manual

EN

Description

Aputure Amaran Halo LED Ring Flash is the perfect macro lighting solution for your DSLR camera. It operates smoothly, giving you steady, bright, and uniform light to achieve your desired photographic effect. It also provides six modes: full brightness or left or right-side, either continuously or as a flash, to meet a variety of needs. Aputure Amaran Halo LED Ring Flash is the best tool for your macro photography needs.
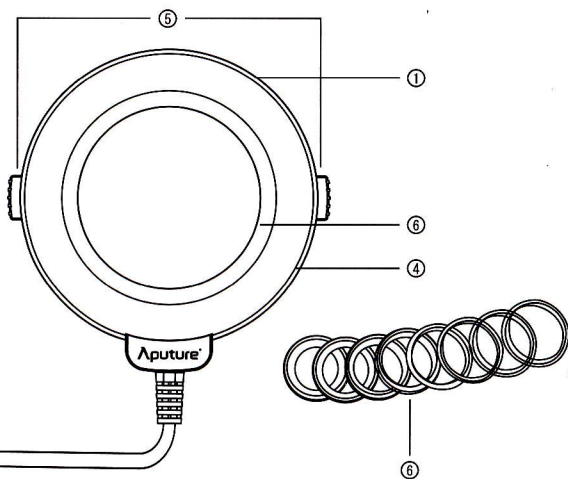
Main Features

1. New LED flash technology, providing continuous, stable light.
2. Brightness adjustment wheel.
3. Flash mode light output is twice as high as continuous mode.
4. Unique lamp mount to accommodate hotshoe or lenses*.
5. Works with flash triggers.
6. Half-pressing shutter activates AF-assist lamp.
7. Three stops of brightness adjustment.
8. New functions to meet higher shooting demands.
9. Left and right flash for more dynamic effects.
10. The best tool for your macro photography needs.

Note: For detailed usage refer to page 5.

Accessories

① Ring Flash	⑪ Brightness adjustment wheel
② Ring Flash controller	⑫ Flash mode button
③ Cable	⑬ Left/Right button
④ Translucent diffusers	⑭ Light mode button
⑤ Lock	⑮ Flash mode indicator
⑥ Rings	⑯ Left flash indicator
⑦ Battery slot cover	⑰ Right flash indicator
⑧ Hot-shoe base	⑱ Light mode indicator
⑨ Fixed knob	⑲ Lamp mount
⑩ Hot-shoe contact	

Battery Installation

To insert the battery, follow the arrow's direction to open the battery hatch. Note the +/- icons when inserting the battery.

Notice: in the case of short circuits, please use 4 standard AA batteries.

Ring Flash Controller Setup

Affix the hot-shoe head of Ring Flash Controller to the camera's hot-shoe, and turn the lock to the left.

Tips: Turn off the light before Controller setup or removal.

Ring Flash Setup

1. Use the appropriate ring mount according to the size of the lens.
2. Place the ring mount on the lens.
3. Hold lock and place Ring Flash on the ring mount.

Tips: Includes 8 ring mounts for different lenses: 49MM, 52MM, 55MM, 58MM, 62MM, 67MM, 72MM, 77MM.
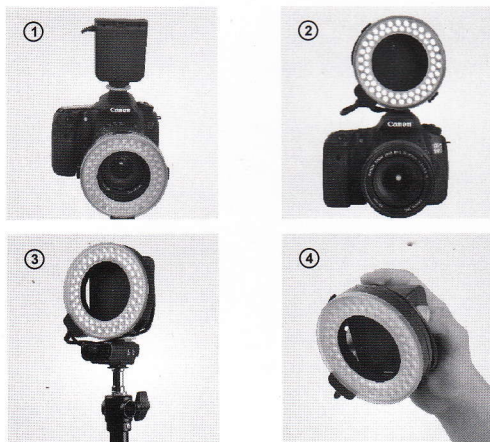
Function and operation

Button information

Button	Function
⚡	1. Press Flash button to test the flash output. 2. Press Flash button to switch to flash mode.
L/R	Press L/R button to switch between left, right, and full brightness mode.
☀	Press the ☀ to switch to full light mode.

Usage Introduction
Aputure Amaran Halo LED Ring Flash Usage.

① Aputure Amaran LED Ring Flash for general usage.
②③④ Aputure Amaran LED Ring Flash for unique usage.

Switching Shooting Modes

LIGHT Mode
Click the ☀ to enter light mode. Useful for macro video and still shooting.

Flash Mode
Click the ⚡ to enter flash mode. Useful for macro still shooting.

L/R mode
By pressing the L/R button to switch between left, right, and full light, it allows more selective and dynamic shooting effects.

Brightness adjustment

Halo has 3 stops under Flash and Light mode. Flash mode light output is twice the Light mode.
1. QTR represents 1/4 power; the light output is quarter of the maximum brightness.
2. HALF represents 1/2 power; the light output is half of the maximum brightness.
3. FULL represents 1/1 power; the maximum brightness.

Note: To turn on Halo, rotate the wheel clockwise to the QTR position until it clicks and the light comes on.
To turn Halo off, rotate the wheel counter-clockwise past the QTR position until it clicks and the light turns off.

Specifications

Effective Flash Range: 5CM-1.5M
\# of Bulbs: 60
Bulb Angle: 60°
Supply Power: DC3.6V-6.7V
Color Temperature: 5500K±300K
Average Life Span: > 50,000 hours
Sync Speed: >1/200S
Battery: 4 AA batteries
Power: ≤6W

Trouble shooting

1.Underexposed or overexposed photos
Be sure the camera shutter, aperture, or ISO setting is not too high or low. Also check exposure compensation, exposure bracketing and flash-related settings.

2.Vignetting
Do not use wide angles, and adjust the camera's focal length to 50 mm or more.

3.Flash does not work
Be sure the battery has power. If not, replace it.
During battery installation, follow the +/- icons.
Be sure the camera and flash hot-shoe is clean. If not, clean it with a cloth and then reinstall.

4.Abnormal Flash
Turn off Halo and camera, then setup Halo again, then turn on both after setup. If still abnormal, replace batteries and try again.

For Your Safety

To prevent damage to your product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions where all those who use this equipment will read them.

☞ **Do not disassemble or modify**
Failure to observe this precaution could result in electric shock or product malfunction. Should the product break open as the result of a fall or other accident, remove the batteries.

☞ **Keep dry**
Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.

☞ **Do not use in the presence of flammable gas**
Failure to observe this precaution could result in explosion or fire.

☞ **Keep out of reach of children**
This device contains small parts which may pose a choking hazard. Consult a physician immediately if a child swallows any part of this device.

☞ **Do not expose to high temperatures**
Do not leave the device in a closed vehicle under the sun or in other areas subject to extremely high temperatures. Failure to observe this precaution could result in fire or in damage to the casing or internal parts.

☞ **Observe precaution when handling batteries**
• Use only batteries listed in this manual. Do not mix old and new batteries or batteries of different types.

- Do not short or disassemble.
- Do not attempt to insert batteries upside down or backwards.
- Batteries are prone to leakage when fully discharged.
- To avoid damage to the product, be sure to remove the batteries when leaving the product unattended for prolonged periods or when no charge remains.
- Should liquid from the batteries come into contact with skin or clothing, rinse immediately with fresh water.