

Aputure®

Amaran

Perfect LED Lighting Solution

User Manual

(AL 198A/AL 198C)

EN

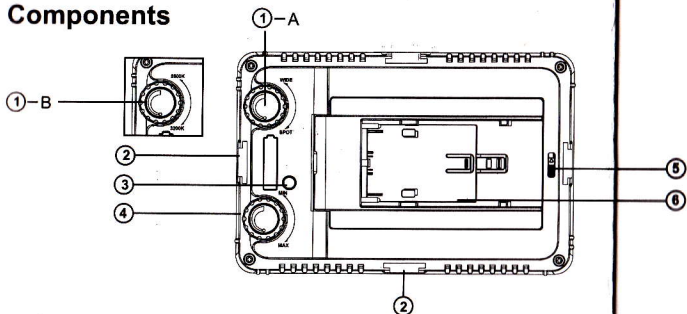
Description

Aputure Amaran LED Video Light is the perfect continuous lighting solution for your HDSLR or video camera. With great color and warm, soft lighting, it enhances your subject matter. It's nearly heat free, giving you a cool and comfortable shooting experience. It's small and light for maximum portability. Beam angles can be adjusted with AL 198A, and color temperature can be adjusted with AL 198C. Brightness can be adjusted to your liking, and the output is 100% flicker free, ideal for video. It takes various batteries, and is expandable for maximum brightness. Get the same professional lighting quality as seen on TV and Hollywood. The eco-friendly, power-saving nature of our LED light ensures you'll save money on batteries. With a wide range of features and ease of operation, Aputure Amaran LED Video Light is the best tool for your video and camera lighting needs.

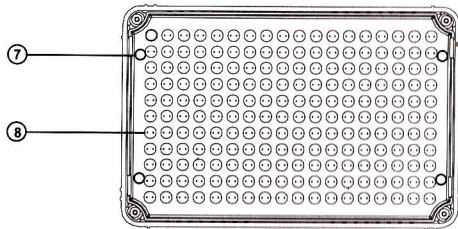
Main Features

1. Beam Angle adjustment wheel(AL 198A)
2. Color temperatures adjustment wheel(AL 198C)
3. Brightness adjustment wheel
4. Battery power indicator
5. Expandable up to 9 LED panels
6. High-quality LED bulbs, long lifespan
7. Multiple battery options
8. 16:9 widescreen design
9. Low power consumption, eco-friendly& power saving
10. Lightweight, portable, and compact

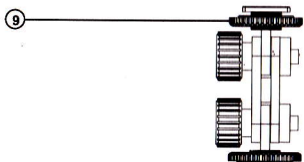
Components



Back of LED light

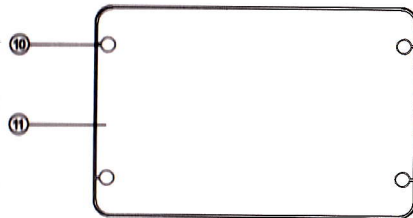


Front of LED light



Lamp Bracket

- ①-A Beam Angle Adjustment Wheel(AL 198A)
- ①-B Color Temperature Adjustment Wheel(AL 198C)
- ② Extension Slot
- ③ Test Button
- ④ Brightness Adjustment Wheel
- ⑤ Battery Latch
- ⑥ Lithium Battery Slot
- ⑦ Filter Column
- ⑧ LED Bulb
- ⑨ Locking Knob
- ⑩ Filter Slot
- ⑪ Filter (white&orange for AL 198A, White for AL 198C)
- ⑫ Extension Attachment



Filter

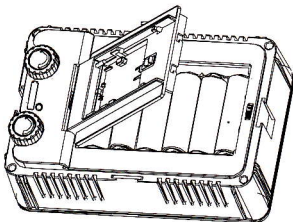


Extension Attachment

Battery Installation

AA Battery Installation

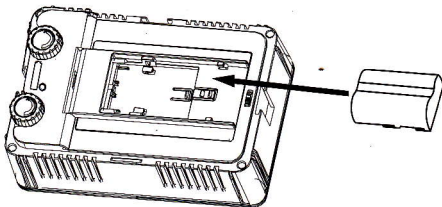
Insert six AA batteries into the battery holder by following the diagram's directions.



Tips: When installing batteries, please notice the Positive and Negative icon. We suggest use rechargeable AA batteries.

Lithium Battery Installation

Insert lithium batteries by following the diagram's directions, then push the battery holder to the left.

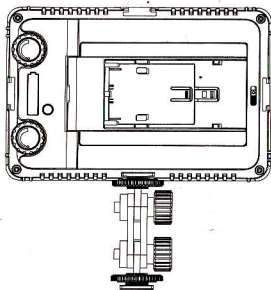


Tips: Compatible lithium batteries: NP-F550, NP-FM55H, NP-FH60, etc.

Installation and Removal

Installation

Please fix the hot-shoe head of Lamp Bracket to the Extension Slot of LED's bottom, and turn the Locking Knob to the right.



Removal

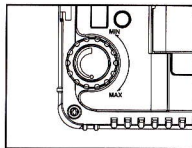
Turn the locking knob to the left, and extract the hot-shoe head from the Extension Slot of LED's bottom.

Tips: Turn off the light before video light installation or removal.

Function and Operation

1. Brightness Control

Aputure Amaran LED Video Light can control the level of brightness by rotating the Brightness Adjustment Wheel. Turn to the right to increase brightness, turn to the left to decrease brightness until the light turns off.

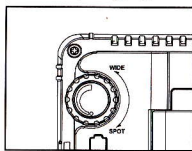


2. Beam Angle Control(AL 198A)

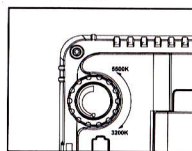
AL 198A can control beam angles by rotating the Beam Angle Adjustment Wheel. Turn on the Brightness Adjustment Wheel to activate wide angles bulbs. Turn the Beam Angle Adjustment Wheel to the right to activate narrow angles bulbs until the wide angle bulbs disappear. (Wide angles bulbs provide wider lighting spread. Narrow angles bulbs provide stronger central illumination.)

3. Color Temperature Control(AL 198C)

AL 198C can control Color temperatures by rotating the Color Temperature Adjustment Wheel. Turn to the right to decrease the Color temperature, ranging from 5500K to 3200K.



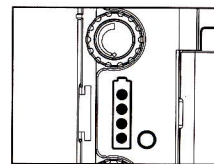
AL 198A



AL 198C

4. Battery Power Test

There are four indicators on the back of the LED. Remember to turn off the LED light when pressing the test button.

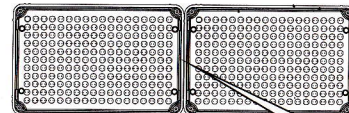


Tips: When using lithium batteries, full power is indicated by two or three indicator lights (because of the lower voltage compared to 6 AA batteries)

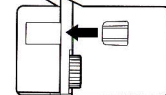
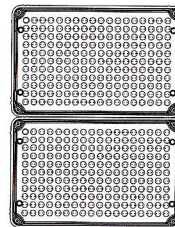
5. Multiple Light Combinations

There are 4 Extension Slots on the four sides of Aputure Amaran LED video light, the user could combine the lights together to achieve some effect.

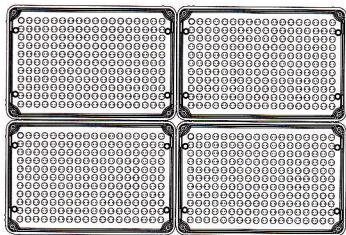
5.1 Horizontal Extension



5.2 Vertical Extension



5.3 Vertical and Horizontal Extension



Tips: The horizontal or vertical extension is limited to three by three (3x3) squares. Overloading may affect stability and compromise your LED lights safety.

Specifications

| Model | | |
|----------------------|---------------------------------------------|-------------|
| Specification | AL 198A | AL 198C |
| Operating Current | < 2A | |
| Supply Power | DC 5.5V-9.5V | |
| Average Life Span(H) | > 50000 | |
| Volume(L*W*H mm) | 151x56x100mm | |
| Power | < 18W | |
| Cooling Mode | Natural Ventilation | |
| Net Weight | 325g | |
| Beam Angle | 60°/25° | 60° |
| Color Temperature | 5500K(White Filter) 3200K(Orange Filter) | 5500K-3200K |

Notes

1. Please do not directly face the LED when the lights are on.
2. Never block the ventilation grille by covering it with paper or clothes.
3. Do not place the LED light near alcohol or other flammable objects.
4. Do not place any objects or liquids on the LED light.
5. When the LED light is on or against the other items above, please turn it off, lest they cause fire or damage to the light.
6. Do not grab the LED light head to pick up your camera, when they are attached.
7. Use a dry soft cloth to clean the LED light. You can clean the device with a cloth slightly some neutral detergent to remove the dirt. Do not use strong cleaning agents, such as thinner, gasoline or alcohol.

Safety Precautions

1. To prevent fire or electric shock, please keep the device away from rain or humidity.
2. Should you notice smoke or an unusual temperature coming from the equipment, cut off the power and stop using it. Take the device to an authorized service center for inspection.
3. Do not disassemble the device by yourself. In the event of malfunction, the product should be repaired only by a qualified technician or service center.
4. During storage and transportation, please turn the device off.
5. Please use the appropriate lithium battery for the device.
6. Keep the device out of reach of children.