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Aputure Amaran 150c

Aputure Amaran 150c COB Video Light Instruction Manual

Model: Amaran 150c

Product Overview

The Aputure Amaran 150c is a versatile RGBWW COB video light designed for professional and enthusiast filmmakers and photographers. It offers high-quality light output with an expanded bi-color CCT range, green-magenta adjustment, and 360° HSI color control. The light features a universal Bowens Mount for compatibility with various modifiers and can be controlled via the Sidus Link App.

Key Features

- **High-Quality Light Output:** Produces accurate colors across a CCT range of 2,500K to 7,500K with green-magenta adjustment and 360° HSI color control. Achieves high CRI/TLCI (95+), SSI (D56) (71), and SSI (Tungsten) (83) scores.
- **Color-Blending Optical Design:** Features a universal Bowens Mount, allowing use with various modifiers like the Spotlight SE, Amaran Light Dome Mini SE, and Light Dome Mini III.
- **Ultra-Quiet Fan:** Equipped with a redesigned high-efficiency heat sink and silent active cooling system, ensuring quiet operation suitable for sound-sensitive environments.
- **Easy Operation:** Offers a 48V DC power input for flexibility with AC adapter or optional Aputure 2-Bay Battery Power Station (sold separately). Dual rear-facing side handles and a redesigned Bowens Mount release latch facilitate ergonomic adjustments.
- **Sidus Link App Control:** Utilizes Sidus Mesh technology for wireless control via the Sidus Link App, enabling color matching with Color Picker and activation of 9 built-in System FX (Party Lights, Cop Car, Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Explosion, Fire, Pulsing, Strobe).

1. Setup

1.1 What's in the Box

- Amaran 150c LED Video Light x 1
- Amaran 150c Bowens Mount Protection Cover x 1
- Amaran 150c Bowens Mount Hyper Reflector x 1
- Amaran 150c AC Power Supply and Cable x 1
- Amaran 150c Carrying Case x 1

1.2 Assembly

Follow these steps to assemble your Amaran 150c video light:

1. **Attach the Hyper Reflector:** Align the Bowens Mount Hyper Reflector with the front of the Amaran 150c light. Twist clockwise until it locks securely into place.



Image: The Amaran 150c light with its included hyper reflector attached to the front, ready for use.

2. **Power Connection:** Connect the AC Power Supply and Cable to the 48V DC input port on the rear of the light. Plug the power supply into a suitable electrical outlet.



Image: All components included in the Amaran 150c package, showing the power supply and cables.

3. **Mounting:** Secure the Amaran 150c to a light stand using the integrated mounting bracket. Adjust the angle as needed using the side handles and tighten the locking knob.



Image: The Amaran 150c light mounted on a light stand, showcasing its adjustable bracket.

2. Operating Instructions

2.1 Basic Controls

The Amaran 150c features intuitive onboard controls for quick adjustments.



Image: A close-up view of the Amaran 150c's control panel, showing the display and adjustment knobs.

- **Power Button:** Press to turn the light on or off.
- **INT (Intensity) Knob:** Rotate to adjust the brightness level of the light.
- **CCT/G/M Knob:** In CCT mode, rotate to adjust the color temperature (2,500K to 7,500K). Press to switch to Green/Magenta adjustment.
- **HUE/SAT Knob:** In HSI mode, rotate to adjust the hue and saturation.
- **Lighting Mode Button:** Press to cycle through different lighting modes (CCT, HSI, FX).
- **BT Reset Button:** Press and hold to reset Bluetooth connection for app control.

2.2 Sidus Link App Control

For advanced control and features, use the Sidus Link App on your Android or iOS device.

1. Download the Sidus Link App from your device's app store or via the QR code:Sidus Link Download
2. Ensure Bluetooth is enabled on your device.
3. Open the Sidus Link App and follow the on-screen instructions to connect to your Amaran 150c.
4. Once connected, you can adjust CCT, HSI, and access various lighting effects (FX) and color picker functions.



Image: A tablet displaying the Sidus Link App interface, showing color and intensity controls for the Amaran 150c.

2.3 Using Modifiers

The Bowens Mount allows for easy attachment of light modifiers to shape and diffuse the light.



Image: The Amaran 150c light with a Light Dome Mini SE softbox attached, demonstrating modifier compatibility.

2.4 Powering with Battery Station

For portable operation, the Amaran 150c can be powered by the optional Aputure 2-Bay Battery Power Station.



Image: The Aputure 2-Bay Battery Power Station, an optional accessory for portable power.

2.5 Product Demonstration Video

Your browser does not support the video tag.

Video: A brief overview of the Amaran 150c RGBWW COB video light, showcasing its features and capabilities.

Your browser does not support the video tag.

Video: Demonstration of various light modifiers used with the Amaran 150c, illustrating their effects on light output.

3. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light. Do not use abrasive cleaners or solvents.

- **Storage:** Store the Amaran 150c in its carrying case in a cool, dry place when not in use.
- **Ventilation:** Ensure the fan vents are clear of obstructions during operation to prevent overheating.
- **Power Cable Care:** Inspect the power cable regularly for any signs of damage. Replace if necessary.

4. Troubleshooting

- **Light Not Turning On:**
  - Check if the power cable is securely connected to both the light and the power outlet.
  - Ensure the power supply is functioning correctly.
  - If using a battery station, verify the batteries are charged and properly inserted.
- **App Connection Issues:**
  - Ensure Bluetooth is enabled on your mobile device.
  - Try resetting the Bluetooth connection on the light using the BT Reset button.
  - Restart the Sidus Link App and your mobile device.
- **Overheating:**
  - Check that the fan vents are not blocked.
  - Ensure the light is operating in a well-ventilated area.
  - Reduce the intensity if operating for extended periods in high ambient temperatures.

5. Specifications

Brand	Aputure
Model Name	Aputure Amaran 150c COB Video Light
Power Output	150W
CCT Range	2,500K to 7,500K
Color Control	RGBWW, G/M Adjustment, 360° HSI
CRI/TLCI	95+
SSI (D56)	71
SSI (Tungsten)	83
Illuminance	15,610 lux @ 1m (with Hyper Reflector)
Mount	Universal Bowens Mount
Control	Onboard, Sidus Link App (Bluetooth)
Power Input	48V DC
Manufacturer Part Number	202303304858150C
Color	Grey

6. Warranty and Support

6.1 Warranty Information

The Aputure Amaran 150c COB Video Light comes with a **1-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official Aputure website or contact customer support.

6.2 Customer Support

For technical assistance, product inquiries, or support, please visit the official Aputure support channels:

- **Official Manual:** Aputure Amaran 150c Online Manual
- **Sidus Link App:** For app-related support and updates, visit Sidus Link.
- **Aputure Website:** Visit www.aputure.com for product information, FAQs, and contact details.

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