Aputure LS C300d II

Aputure LS C300d II COB LED Video Light User Manual

Model: LS C300d II

1. INTRODUCTION

The Aputure LS C300d II is a powerful 300W COB LED video light designed for professional film and video production. It offers high color accuracy with CRI ≥ 96 and TLCI ≥ 97 at 5600K daylight, providing exceptional light quality. This manual provides essential information for the safe and effective operation of your LS C300d II.

Image: The Aputure LS C300d II COB LED Video Light demonstrating its powerful illumination.

2. Safety Information

- Do not look directly into the light source when the light is on.

- Do not place the light near flammable liquids or gases.

- Ensure proper ventilation to prevent overheating.

- Use only the specified power adapter and cables.

- Keep the device dry. Do not expose it to rain or moisture.

- Handle with care to avoid damage to the COB LED or other components.

3. Package Contents

Verify that all items are present in your package:

- Aputure LS C300d II Lamp Head

- Control Box

- Hyper-Reflector (55°)

- VA-Remote RC1+ Remote Control

- Quick Release Clamp

- 5m Neutrik Power Cable

- 0.6m 5-pin Male-to-Female XLR Cable

- Carrying Case

Image: The Aputure LS C300d II kit, including the lamp head, control box, reflector, and cables, stored in its dedicated carrying case.

4. SETUP

4.1 Mounting the Lamp Head

1. Attach the LS C300d II lamp head to a light stand using the integrated yoke and 5/8-inch receiver. Secure it with the locking knob.

2. Adjust the tilt angle using the handbrake locking mechanism for precise positioning.

Image: Front view of the Aputure LS C300d II lamp head, showing the yoke and mounting point.

4.2 Attaching the Reflector

1. Align the Bowens mount of the Hyper-Reflector with the front of the lamp head.

2. Twist clockwise until it locks securely into place.

Image: The Aputure LS C300d II showcasing its Bowens mount compatibility with various light modifiers.

4.3 Connecting the Control Box

1. Mount the control box to a light stand or C-stand using the quick-release clamp.

2. Connect the 5-pin XLR cable from the lamp head to the control box.

3. Connect the Neutrik power cable from the control box to a power outlet.

4. For battery operation, connect one or two V-mount/Gold-mount batteries to the control box. One battery provides half output, two provide full output.

Image: The Aputure LS C300d II control box, featuring its display and operational buttons.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button on the control box to turn the light on or off.

5.2 Adjusting Brightness

Rotate the intensity knob on the control box to adjust the light output from 0% to 100%.

5.3 Control Methods

- **On-board Control:** Use the buttons and knob on the control box.

- **2.4 GHz Remote Control:** Use the included VA-Remote RC1+ to control the light wirelessly.

- **Sidus Link App Control:** Download the Sidus Link app for iOS/Android to control the light via Bluetooth. This allows for advanced features and effects.

- **DMX512 Control:** Connect to a DMX console using the 5-pin DMX input/output ports for professional studio integration.

Image: The Sidus Link mobile application interface, used for controlling Aputure lights via Bluetooth.

5.4 Special Effects

The LS C300d II features 8 built-in lighting effects:

- Paparazzi

- Fireworks

- Lightning

- Faulty Bulb

- TV

- Pulsing

- Strobe

- Explosion

These effects can be accessed and customized via the control box or the Sidus Link app.

6. Specifications

Feature	Specification
Model	LS C300d II
Color Temperature	5600K Daylight
CRI	≥ 96
TLCI	≥ 97
Power Consumption	300W
Illuminance (with Hyper-Reflector)	45,000+ Lux @ 1m
Beam Angle (with Hyper-Reflector)	55°
Mount Type	Bowens Mount
Control Methods	On-board, 2.4 GHz Remote, Sidus Link App (Bluetooth), DMX512
Dimming Curves	Linear, Exponential, Logarithmic, S-Curve
DC Input Voltage	14.4V (12V-16.8V range)
Product Dimensions	34.45 x 21.56 x 34.45 cm
Product Weight	11.02 kg

7. MAINTENANCE

- Regularly clean the lamp head and reflector with a soft, dry cloth.

- Ensure all cables are free from damage before each use.

- Store the light in its carrying case in a dry, dust-free environment when not in use.

- Do not attempt to disassemble or repair the unit yourself. Contact authorized service personnel for repairs.

8. TROUBLESHOOTING

8.1 Light Not Turning On

- Check if the power cable is securely connected to both the control box and the power outlet.

- Ensure the 5-pin XLR cable connecting the lamp head to the control box is properly seated.

- If using batteries, ensure they are fully charged and correctly inserted.

8.2 Remote Control Not Working

- Check the batteries in the remote control.

- Ensure the remote is within range and there are no obstructions.

- Verify that the light and remote are set to the same channel and group.

8.3 Overheating Warning

- Ensure the fan vents on the lamp head and control box are not obstructed.

- Operate the light in a well-ventilated area.

- Reduce the light intensity if the warning persists.

9. WARRANTY AND SUPPORT

Aputure products typically come with a 12-month limited warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact your local Aputure dealer or visit the official Aputure website for contact information.

Image: Aputure's commitment to 12-month satisfactory service.