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Aputure Light Storm 1200d Pro

Aputure LS 1200d Pro LED Light Kit User Manual

Model: Light Storm 1200d Pro

1. INTRODUCTION

Thank you for purchasing the Aputure LS 1200d Pro LED Light Kit. This professional-grade lighting fixture is designed for filmmakers and photographers requiring high-output, versatile, and durable illumination. Please read this manual thoroughly before operating the product to ensure proper use and maintenance.



Figure 1.1: Aputure LS 1200d Pro LED Light Kit with its main components.

2. PRODUCT FEATURES

- **High Output:** Features a 1200W COB, making it the brightest light in the Aputure product line and the highest output Bowens Mount light fixture on the market.
- **Optimized Illumination:** Includes three Bowens Mount Hyper Reflectors (Narrow, Medium, Wide) to optimize light output and beam angles.
- **Durability:** IP54 certified weather-resistant construction ensures reliability in various environmental conditions.
- **Advanced Connectivity:** Supports LumenRadio CRMX, Art-net & sACN via etherCON connector, and 5-Pin DMX512 ports for seamless integration into professional DMX interfaces.
- **Precise Control:** Offers 0.1-100% stepless brightness control and four selectable fan modes (Smart/Medium/High/Silent) for

quiet operation when needed.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact your dealer immediately.

- Aputure LS 1200d Pro LED Light Fixture
- Control Box/Ballast for LS 1200d Pro
- Hyper Reflector (Narrow)
- Hyper Reflector (Medium)
- Hyper Reflector (Wide)
- Power Cable
- Connecting Cable (Light to Control Box)
- Carrying Case



Figure 3.1: Main components of the Aputure LS 1200d Pro kit.

4. SETUP

Follow these steps to set up your Aputure LS 1200d Pro LED Light Kit:

- 1. Mounting the Light Fixture:** Securely attach the LS 1200d Pro light fixture to a sturdy light stand using its integrated yoke and mounting hardware. Ensure it is stable before proceeding.
- 2. Connecting the Control Box:** Connect the light fixture to the control box using the provided connecting cable. Align the pins carefully and twist to lock the connector.



Figure 4.1: Rear panel of the control box with various input ports.

- 3. Attaching Hyper Reflector:** Choose the desired Hyper Reflector (Narrow, Medium, or Wide) and attach it to the Bowens Mount on the front of the light fixture. Twist to secure.
- 4. Power Connection:** Connect the power cable to the AC input on the control box. Then, plug the power cable into a suitable power outlet (AC 100-240V, 50/60Hz).



Figure 4.2: Detailed view of the control box's connectivity options.

5. **Optional DMX/Ethernet Connection:** If using DMX or Art-net/sACN control, connect your DMX console or network cable to the respective DMX IN/OUT or LAN ports on the control box.

5. OPERATING INSTRUCTIONS

The LS 1200d Pro offers intuitive controls for various lighting scenarios.



Figure 5.1: Front panel of the control box.

5.1 Power On/Off

Locate the power switch on the control box and toggle it to the 'ON' position to power on the unit. The display screen will illuminate. To power off, toggle the switch to 'OFF'.

5.2 Brightness Adjustment

Use the dedicated brightness control knob or buttons on the control box to adjust the light output from 0.1% to 100%. The current brightness level will be displayed on the screen.

5.3 Fan Modes

The LS 1200d Pro features four fan modes to manage cooling and noise:

- **Smart:** Automatic fan speed adjustment based on temperature.
- **Medium:** Moderate fan speed for balanced cooling and noise.
- **High:** Maximum fan speed for aggressive cooling in demanding conditions.

- **Silent:** Reduced fan speed for minimal noise, ideal for sound-sensitive environments. Note that output may be limited in this mode to prevent overheating.

Select the desired fan mode via the control box menu.

5.4 Control Methods

The LS 1200d Pro can be controlled via:

- **On-board Controls:** Directly using the display and buttons on the control box.
- **DMX512:** Connect to a DMX console using 5-Pin DMX cables. Refer to the DMX channel chart in the appendix (if applicable) for specific control parameters.
- **Art-net & sACN:** Utilize Ethernet connectivity for advanced network control.
- **LumenRadio CRMX:** For wireless DMX control. Ensure your CRMX transmitter is properly paired.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Aputure LS 1200d Pro.

- **Cleaning:** Regularly clean the exterior of the light fixture and control box with a soft, dry cloth. Do not use harsh chemicals or abrasive materials. Ensure ventilation openings are free from dust and debris.
- **Storage:** When not in use, store the light kit in its original carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically inspect all cables for any signs of wear, cuts, or damage. Replace damaged cables immediately to prevent electrical hazards.
- **Firmware Updates:** Check the official Aputure website for any available firmware updates. Follow the instructions provided with the update carefully.

7. TROUBLESHOOTING

If you encounter issues with your LS 1200d Pro, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Light does not power on.	No power supply; loose cable connection; faulty power switch.	Check power cable connection to outlet and control box. Ensure power switch is ON. Try a different power outlet.
No light output.	Brightness set to 0%; connecting cable loose; light fixture fault.	Increase brightness. Check connecting cable between light and control box. If issue persists, contact support.
Fan noise is excessive.	Fan mode set to 'High'; obstructed ventilation.	Change fan mode to 'Smart' or 'Silent'. Ensure ventilation openings are clear.
DMX/Network control not working.	Incorrect DMX address; faulty cable; network configuration issue.	Verify DMX address and channel settings. Check DMX/Ethernet cables. Consult network administrator for Art-net/sACN issues.

If the problem persists after attempting these solutions, please contact Aputure customer support or your authorized dealer for further assistance.

8. SPECIFICATIONS

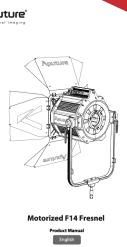
Attribute	Value
Model Number	Light Storm 1200d Pro
Output Power	1200W COB LED
Max Power Draw	1440W
Color Temperature	5600K Daylight CCT
CRI	≥96
TLCI	≥98
CQS	≥95
SSI (D56)	≥73
Brightness Control	0.1-100% Stepless
Fan Modes	Smart/Medium/High/Silent
Connectivity Technology	Ethernet (Art-net & sACN), DMX512 (5-Pin), LumenRadio CRMX
Weather Resistance	IP54 Certified
Product Dimensions	25.5 x 18.7 x 18.1 inches
Item Weight	1 pounds
Date First Available	February 17, 2022
Battery Life (Expected)	1 year (referring to internal components' expected lifespan)

9. WARRANTY & SUPPORT

Aputure provides a limited warranty for this product. Please refer to the warranty card included in your package or visit the official Aputure website for detailed warranty terms and conditions.

For technical support, service, or inquiries, please contact Aputure customer service through their official website or the contact information provided with your purchase. When contacting support, please have your product model number (Light Storm 1200d Pro) and ASIN (B09SRB3B3M) ready.

You can visit the Aputure Store for more information and products: [Aputure Official Store](#)

 Spotlight Max Product Manual	<p><u>Aputure Spotlight Max Product Manual - Lighting Modifier Guide</u></p> <p>Comprehensive product manual for the Aputure Spotlight Max, a Bowens Mount projection lens modifier. Includes installation, operation, safety instructions, and photometric data for professional lighting setups.</p>
	<p><u>Aputure CF10 Fresnel and Barn Doors Kit User Manual</u></p> <p>User manual for the Aputure CF10 Fresnel and Barn Doors Kit, detailing attachment, installation, specifications, and safety instructions for professional lighting modifiers.</p>
	<p><u>Aputure LS 1200D Pro LED Light Instruction Manual</u></p> <p>This document provides comprehensive instructions for operating the Aputure LS 1200D Pro LED Light, covering safety precautions, setup, power options, control functions, DMX integration, specifications, and photometrics.</p>
	<p><u>Aputure STORM 700x/400x DMX Profile Specification V1.1</u></p> <p>Detailed DMX profile specifications for Aputure STORM 700x and STORM 400x lighting fixtures, covering control channels, various DMX profiles, and FX parameters for advanced lighting control.</p>
	<p><u>Aputure Motorized F14 Fresnel Product Manual Setup, Operation & Specifications</u></p> <p>Product manual for the Aputure Motorized F14 Fresnel, detailing its features, setup, operation, specifications, and safety guidelines for professional lighting applications.</p>
	<p><u>Aputure STORM 1000c & 80c DMX Profile Specification V1.1</u></p> <p>Comprehensive DMX profile specifications for Aputure's STORM 1000c and 80c lighting fixtures, detailing control channels, basic profiles, FX parameters, and color space configurations for Aputure OS II.</p>