

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [adj](#) /

› [American DJ H20 LED Powered Water and Fire Effect Light User Manual](#)

adj H20 LED

American DJ H20 LED Powered Water and Fire Effect Light

Model: H20 LED | Brand: ADJ

INTRODUCTION

The American DJ H20 LED is a versatile lighting fixture designed to project simulated water and fire effects. Utilizing a powerful 10W LED light source, this unit creates dynamic visual environments suitable for various applications, including mood lighting, background effects, and stage enhancements. Its robust construction and efficient LED technology ensure long-lasting performance with minimal heat output and low power consumption.

SAFETY INFORMATION

Please read and understand all safety instructions before installing, operating, or maintaining the H20 LED fixture. Failure to do so may result in electric shock, fire, or personal injury.

- Always connect the unit to a grounded power outlet.
- Ensure the voltage matches the unit's requirements (115V/60Hz or 230V/50Hz).
- Do not expose the unit to rain or moisture.
- Disconnect from power before performing any service or maintenance.
- Ensure adequate ventilation around the unit to prevent overheating.
- Avoid direct eye exposure to the light source.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

FEATURES

- Bright 10W LED simulated water flowing effect.
- Designed for projection on walls, ceilings, or floors, with or without fog.
- Equipped with 2 glass effect wheels and 1 independent dichroic color wheel.
- Features 6 colors: Orange, Green, Blue, Yellow, Purple, and White.
- High-tech plastic molded ends provide protection during transport and daily use.
- Manual focusing lens for precise image adjustment.
- Two operational modes: seamless scrolling colors or single color operation.

- Includes 2 replaceable lenses to change beam angle to 34 or 52 degrees.
- Comes with a hanging bracket for easy installation.
- Designed for continuous operation; unit stays cool with no duty cycle required.
- Low power consumption: 22W.
- Long life 10W LED with a 30,000-hour rating.
- Switchable voltage: 115V/60Hz or 230V/50Hz (IEC Plug).

SETUP

Follow these steps to set up your H2O LED effect light:

1. **Unpacking:** Carefully remove the unit from its packaging. Inspect for any damage during shipping.
2. **Voltage Selection:** Ensure the voltage selector switch (located on the rear of the unit) is set to the correct voltage for your region (115V or 230V).
3. **Mounting:** Use the included hanging bracket to securely mount the fixture. Ensure the mounting surface can support the unit's weight (8 lbs / 4 kg). The unit can be ceiling-mounted or placed on a stable surface.
4. **Power Connection:** Connect the IEC power cable to the unit and then to a grounded power outlet.
5. **Lens Installation:** The unit comes with two replaceable lenses (34-degree and 52-degree). Choose the appropriate lens based on your desired beam angle and projection distance.



Figure 1: Front angle view of the American DJ H2O LED light, showing the projection lens and mounting bracket.



Figure 2: Rear view of the American DJ H20 LED light, showing the power input and voltage selector switch.

OPERATION

Once the unit is powered on, it will begin projecting the effect. Adjust the settings as follows:

- **Focus Adjustment:** Rotate the manual focusing lens on the front of the unit to achieve a clear and sharp projection on your desired surface.
- **Effect Modes:** The H20 LED offers two operational modes:
 - **Seamless Scrolling Colors:** The unit will automatically cycle through its 6 available colors, creating a dynamic and continuously changing effect.
 - **Single Color Operation:** Select a specific color to maintain a static color projection. Refer to the unit's controls for color selection (specific control details not provided in input, assuming a simple switch or dial).
- **Placement:** Experiment with different distances and angles to achieve the desired coverage and intensity of the water or fire effect. The effect is visible with or without fog.



Figure 3: Example of the water effect projection on a surface, showing dynamic light patterns.

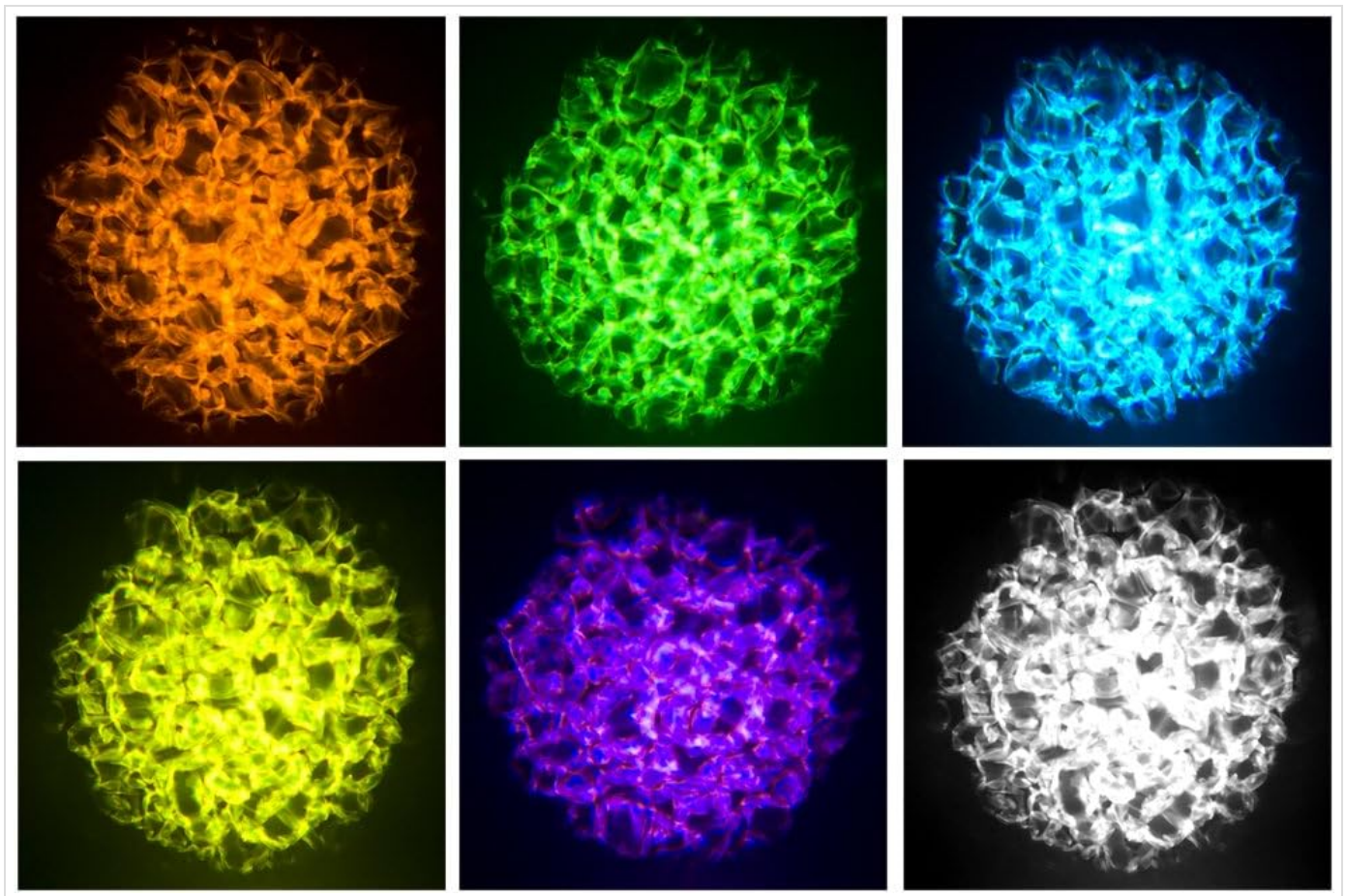


Figure 4: Example of the fire effect projection, demonstrating the warm, flickering light.

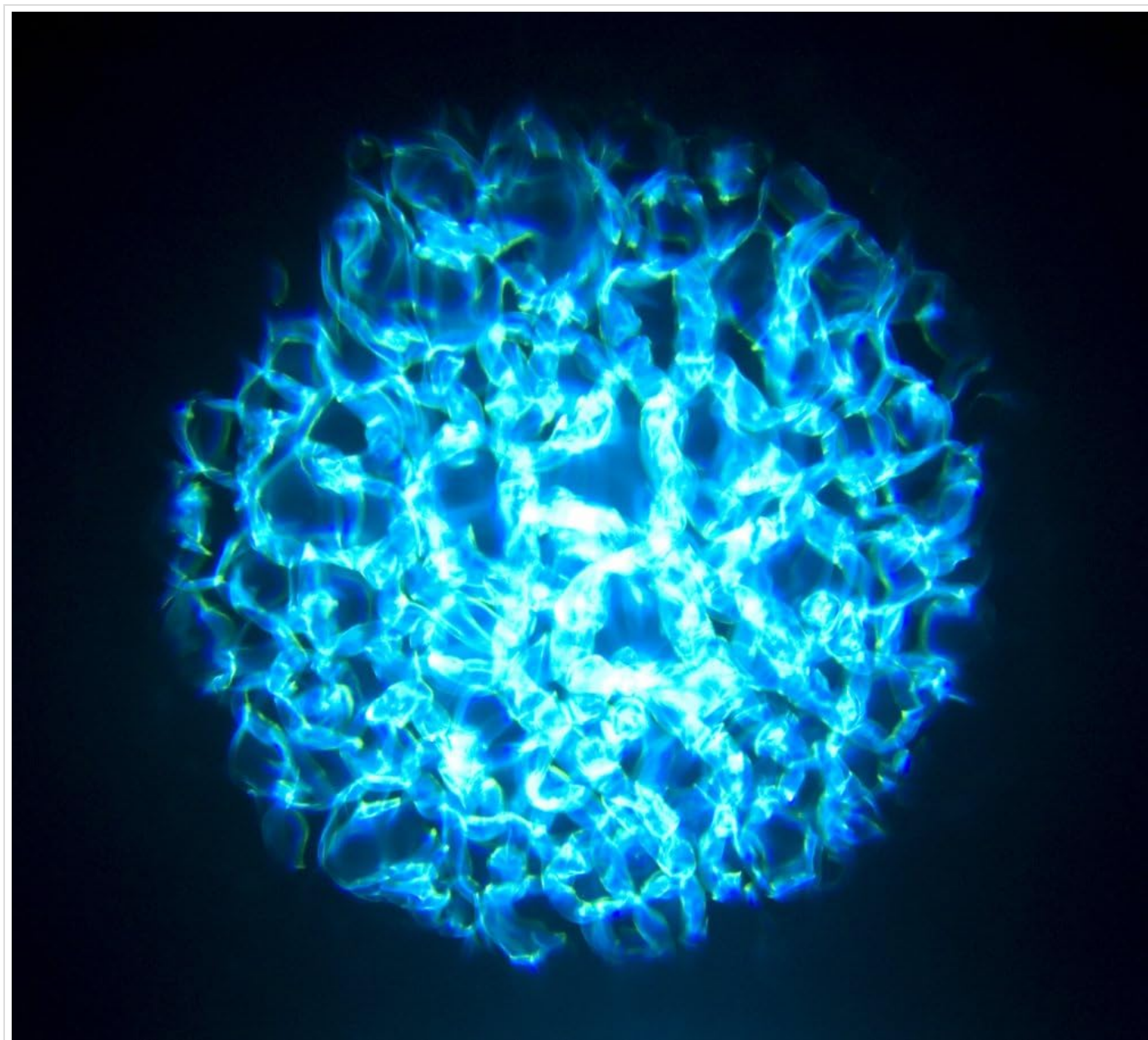


Figure 5: The H20 LED projecting various colors including orange, green, blue, yellow, purple, and white.

Product Demonstration Video



Video 1: An official demonstration of the American DJ H20 LED, showcasing its water and fire effects in various colors and settings. This video provides a visual guide to the product's capabilities.

MAINTENANCE

The H20 LED is designed for low maintenance. Regular cleaning will help ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the exterior of the unit with a soft, dry cloth. For the lens, use a soft, lint-free cloth and a mild glass cleaner. Ensure no liquid enters the unit.
- **LED Life:** The 10W LED has a long life rating of 30,000 hours, minimizing the need for lamp replacement.
- **Cool Operation:** The unit stays cool during operation, eliminating the need for duty cycles and reducing thermal stress on components.

TROUBLESHOOTING

If you experience issues with your H20 LED, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable disconnected, incorrect voltage, faulty outlet.	Check power cable connection. Verify voltage selector switch setting. Test outlet with another device.
No light output	Unit not powered, LED failure (unlikely due to long life).	Ensure unit is powered on. If still no light, contact customer support.
Effect is blurry	Lens out of focus.	Adjust the manual focusing lens until the image is sharp.
Jerky or grinding motion	Internal mechanism issue.	This may indicate a mechanical issue. Discontinue use and contact customer support for assistance.

SPECIFICATIONS

Attribute	Detail
Model	H20 LED
Light Source	10W LED
LED Life Rating	30,000 hours
Power Consumption	22W
Voltage	Switchable 115V/60Hz or 230V/50Hz
Colors	Orange, Green, Blue, Yellow, Purple, White
Beam Angle	34 or 52 degrees (with replaceable lenses)
Dimensions (LxWxH)	8.75" x 9" x 7.5" (222 x 229 x 187 mm)
Weight	8 lbs (4 kg)
Material	Plastic
Brightness	750 lumens
Mounting Type	Ceiling Mount



Figure 6: Dimensional diagram of the American DJ H2O LED, showing length, width, and height measurements.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ADJ Products website or contact their customer service department. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [ADJ Store on Amazon](#).