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American DJ H2O DMX Pro LED Lighting User Manual

Model: H2O711 | Brand: ADJ

1. INTRODUCTION

The ADJ H2O DMX Pro is an advanced LED lighting fixture designed to create a simulated water flowing effect. This unit features DMX-512 control, a powerful 50W LED source, and offers versatile applications for various environments such as nightclubs, bars, restaurants, and special events. Its low heat output and efficient power consumption allow for extended operation.

2. SAFETY INFORMATION

Always observe the following safety precautions to ensure safe operation and prevent damage to the unit:

- Ensure the unit is connected to a grounded power source.
- Do not expose the unit to rain or moisture.
- Avoid direct eye exposure to the light source.
- Disconnect from power before performing any maintenance or cleaning.
- Ensure proper ventilation around the unit. Do not block ventilation openings.
- Only qualified personnel should perform service or repairs.
- Use only the specified voltage range (AC 120-240V 50/60Hz).

3. KEY FEATURES

The H2O DMX Pro offers a range of features for dynamic lighting effects:

- Bright 50W LED source for simulated water flowing effects.
- Designed for projection on walls, ceilings, or floors, with or without fog.
- 3 DMX Channels: Dimming, Glass Wheel, and Colors.
- Two operational modes: DMX and Master/Slave.
- Digital DMX Display with 4-button menu for easy navigation.
- Equipped with two glass effect wheels and one independent dichroic color wheel.

- Six dichroic colors: Orange, Green, Blue, Yellow, Purple, and White.
- 0-100% Dimming via DMX.
- Manual focusing lens.
- Interchangeable beam angles: 34 or 52 degrees (includes 2 replaceable lenses).
- IEC In & Out for daisy-chaining power (connect up to 5 units).
- 1/4-inch input for optional UC3 remote control (sold separately).
- Fan cooled for continuous operation without duty cycle.
- High-tech plastic molded ends for protection during transport.

4. SETUP

4.1 Unpacking

Carefully unpack the unit and check for any damage during shipping. Ensure all components are present, including the H2O DMX Pro unit, hanging bracket, and two interchangeable lenses.

4.2 Mounting

The unit includes a hanging bracket for secure mounting. Ensure the mounting surface can support the weight of the fixture. Always use a safety cable when suspending the unit overhead.



Figure 4.1: Front angle view of the H2O DMX Pro with its integrated hanging bracket.



Figure 4.2: Another angle view of the H2O DMX Pro, showing the lens and ventilation.

4.3 Power Connection

Connect the unit to a compatible power outlet using the IEC power input. For daisy-chaining multiple units, use the IEC In and Out ports. Up to 5 H2O DMX Pro units can be daisy-chained together.



Figure 4.3: Rear panel of the H2O DMX Pro, illustrating the IEC power input/output, DMX input/output, and 1/4" remote control input.

4.4 Lens Installation

The H2O DMX Pro comes with two interchangeable lenses (34-degree and 52-degree) to adjust the beam angle. Select the appropriate lens for your desired projection width and carefully install it onto the front of the unit.

5. OPERATING INSTRUCTIONS

5.1 Control Panel and Display

The unit features a digital DMX display and a 4-button menu system for easy navigation and setting adjustments. Refer to the display for current mode, DMX address, and other parameters.

5.2 Operational Modes

The H2O DMX Pro supports two primary operational modes:

- **DMX Mode:** Allows full control over dimming, glass wheel rotation, and color selection via a DMX-512 controller. The unit utilizes 3 DMX channels.
- **Master/Slave Mode:** Connect multiple H2O DMX Pro units via DMX cables. Set one unit as the Master, and the others as Slaves. The Slave units will mirror the Master's settings and effects.

5.3 DMX Control

To operate the unit via DMX, connect a DMX controller to the DMX Input. Set the DMX address on the unit using the digital display. The 3 DMX channels control:

1. **Channel 1:** Dimming (0-100%)
2. **Channel 2:** Glass Wheel (rotation speed and direction)
3. **Channel 3:** Colors (selection of 6 dichroic colors)

5.4 Manual Focusing

Adjust the manual focusing lens on the front of the unit to achieve a sharp and clear projection of the water effect on your desired surface.

5.5 Effect Examples



Figure 5.1: Example of the H2O DMX Pro projecting an orange simulated water effect.



Figure 5.2: Example of the H2O DMX Pro projecting a purple simulated water effect.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your H2O DMX Pro.

6.1 Cleaning

Periodically clean the exterior of the unit with a soft, dry cloth. For the lens and glass effect wheels, use a lint-free cloth and a mild glass cleaner. Ensure the unit is powered off and disconnected before cleaning.

6.2 Fan and Ventilation

Ensure the cooling fan and ventilation openings are free from dust and debris. Blocked vents can lead to overheating and reduced performance.

6.3 LED Source

The 50W LED source has a long life rating of 30,000 hours and typically does not require replacement under normal operating conditions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; faulty cable.	Check power cable connection; verify power outlet; try a different cable.
No light output.	Dimmer channel set to 0; LED failure.	Increase dimmer value via DMX; contact support if LED is faulty.
DMX control not working.	Incorrect DMX address; faulty DMX cable; DMX controller issue.	Verify DMX address on unit matches controller; check DMX cable connections; test with another DMX controller.
Effect is blurry.	Lens out of focus.	Adjust the manual focusing lens on the front of the unit.
Unit overheats.	Blocked ventilation; excessive ambient temperature.	Ensure vents are clear; operate in a well-ventilated area.

8. SPECIFICATIONS

Feature	Detail
Product Name	H2O DMX Pro
Model Number	H2O711
Light Source	50W LED
LED Life Rating	30,000 hours
DMX Channels	3 (Dimming, Glass Wheel, Colors)
Operational Modes	DMX, Master/Slave
Colors	6 Dichroic (Orange, Green, Blue, Yellow, Purple, White)
Dimming	0-100% (via DMX)
Beam Angle	34 or 52 degrees (interchangeable lenses)
Power Consumption	54W
Multi-voltage Operation	AC 120-240V 50/60Hz

Feature	Detail
LUX @ 3M	1800 (34-degree lens), 1100 (52-degree lens)
Dimensions (LxWxH)	11.5" x 8.75" x 4.75" / 292 x 236 x 121 mm
Weight	9 lbs. / 4 kg.
Material Type	Glass (for effect wheels)


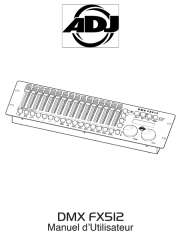

9. WARRANTY AND SUPPORT




For warranty information and technical support, please refer to the official ADJ website or contact your authorized dealer. Keep your proof of purchase for warranty claims. For further assistance, please visit the [ADJ Store on Amazon](#) or the official ADJ website.



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	<p>ADJ DMX Operator User Manual: Lighting Control Guide</p> <p>Comprehensive user manual for the ADJ DMX Operator, detailing controls, functions, programming scenes and chases, DMX addressing, MIDI operation, and troubleshooting for stage lighting control.</p>
	<p>ADJ DMX FX512 Manuel d'Utilisateur</p> <p>Ce manuel d'utilisateur fournit des instructions détaillées sur l'utilisation, la configuration et la maintenance du contrôleur d'éclairage professionnel ADJ DMX FX512. Découvrez ses caractéristiques, ses fonctionnalités DMX et RDM, et comment optimiser vos spectacles lumineux.</p>
	<p>ADJ Eco UV Bar DMX User Manual</p> <p>User manual for the ADJ Eco UV Bar DMX, covering setup, operation, DMX control, safety precautions, and warranty information for this professional lighting fixture.</p>

 <p>Bedienungsanleitung</p>	<p>ADJ VF 400 Bedienungsanleitung: Professionelle Nebelmaschine</p> <p>Diese Bedienungsanleitung bietet detaillierte Informationen zur sicheren Installation, Bedienung und Wartung der ADJ VF 400 Nebelmaschine. Enthält Sicherheitshinweise, technische Daten und Fehlerbehebung.</p>
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