

## User Instructions

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Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

## H2O IR

## Introduction

### **Introduction:**

Thank you for purchasing the H2O IR by ADJ Products, LLC. The H2O IR is an improvement of the very popular H2O LED. This new unit has better optics and brighter LED output producing vibrant colors. It can also be used with the ADJ UC IR (sold separately). This unit is suitable for theaters, studios, retail stores, and other similar locations.

**Unpacking:** Every H2O IR has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your units for any damage and be sure all accessories necessary to operate the system have arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return the system to your dealer without first contacting customer support.

### **Customer Support:**

ADJ Products, LLC provides a toll free customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at [www.adj.com](http://www.adj.com) for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

Voice: (800) 322-6337

Fax: (323) 582-2941

E-mail: [support@americandj.com](mailto:support@americandj.com)

To purchase parts online visit <http://parts.americandj.com>

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufacturer's warranty. In the unlikely event your unit may require service please contact ADJ.

*Please recycle the shipping carton when ever possible.*

## H2O IR

## General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

## H2O IR

## Features

- Includes Built-In Hanging Yoke
- 5 Colors Plus White
- Color Mixing
- 34 Degree Lens & Optional 43 Degree Lens
- ADJ UC IR Compatible (Sold Separately)

## H2O IR

## Warranty Registration

The H2O IR carries a two year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain a R.A. number by contacting customer support at (800) 322-6337.

## H2O IR

## Installation

The unit should be mounted using a mounting clamp (not provided), affixing it to the mounting bracket that is provided with the unit. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times the unit's weight. Also always use a safety cable that can hold 12 times the weight of the unit when installing the fixture. The equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of people's grasp.

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Never plug this unit in to a dimmer pack
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 14 for cleaning details.
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

**Operation:** This fixture is designed to operate as a stand alone unit and does not require a controller of any type. The H2O IR was created to meet the demands of theatrical groups and production groups. The desire was to create a low cost unit with an incredible effect, without any strong flashing lights or special fog needs. This unit comes with five built-in colors that can be used to create a variety of unique effects. This fixture is ready to be plugged in right out of the box. When the unit is plugged into a matching power supply, the lamp will strike and the unit's two internal effect wheels will immediately begin to turn.

On the rear of the unit there is a toggle switch that is used to control the internal color wheel. When toggle switch is one position the color wheel will automatically and continuously scroll through the color wheel. When the color wheel toggle switch is in the opposite position the color wheel will lock in place. You can create a more dramatic effect by using split color combinations by stopping the wheel anywhere between two adjacent colors.

**Focusing Lens:** The lens can be focused by turning it clockwise or counter-clockwise to focus the lens to your desire.

## H2O IR

## ADJ UC IR Control

The **UC IR** infrared remote gives you control of various functions (See below). To control the fixture you must aim the remote at the front of the fixture and be no more than 30 feet away.

**STAND BY** - Pressing this button will blackout the fixture.

**FULL ON** - This button is invalid for the fixture.

**FADE/GOBO** - Press this button to run or stop the effect wheel.

**“DIMMER +” and “DIMMER -”** - These buttons adjust the output intensity.

**STROBE** - This button is invalid for the fixture.

**COLOR** - Press this button to rotate or stop the color wheel.

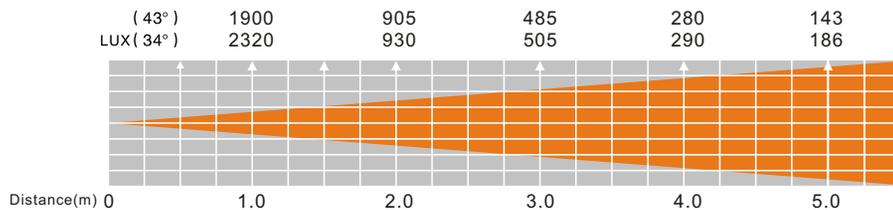
**1-9** - These buttons are invalid for this fixture.

**SOUND ON & OFF** - These buttons are invalid for this fixture.

**SHOW 0** - This button is invalid for this fixture.

## H2O IR

## Photometric Chart



## H2O IR

## 43 Degree Lens Install



The install of the 43 Degree lens is a pretty easy process. Please be very careful when doing this install.



Unscrew and remove the focus lens. Using your thumb, gently push the lens outward until it “pops” out.



When the lens “pops” out, the picture to the left is what you should see. Remove the lens and retainer ring.



Flip the focus lens barrel over and insert the lens. Carefully insert the retainer ring. Please do this very carefully. Make sure retainer ring is in correctly, flesh against the lens. Now you can screw the focus lens back into the H2O IR.

## H2O IR

## Fuse Replacement

**Fuse Replacement:** Locate and remove the unit's power cord. Once the cord has been removed locate the fuse holder located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder has a built-in socket for a spare fuse be sure not to confuse the spare fuse with active fuse.

**Warning:** *If after replacing the fuse you continue to blow fuses, STOP using the unit. Contact customer support for further instructions. Continuing to use the unit may cause serious damage.*

## H2O IR

## Cleaning

**Fixture Cleaning:** Due to fog residue, smoke, and dust cleaning the internal and external lenses should be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp beam output.

## H2O IR

## Trouble Shooting

**Trouble Shooting:** Listed below is a problem that you may encounter, with a solution.

No light output from the unit;

1. Be sure the fuse has not blown. The fuse is located on the rear panel inside the power socket. See Fuse Replacement.

## H2O IR

## Warranty

### MANUFACTURER'S LIMITED WARRANTY

- A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service you must obtain a Return Authorization number (RA#) before sending back the product—please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear indentifying marks to that effect.
- E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

### MANUFACTURER'S LIMITED WARRANTY PERIODS:

- **Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excluding laser diodes which have a 6 month limited warranty)
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding motors, PCB boards, and power supplies, which have a 1-year (365 day Limited Warranty) batteries which have a 180 day limited warranty). Only the L.E.D.s carry a 2-year warranty (excluding StarTec Series which carries a 1 Year Limited Warranty)
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty** (excluding faders and tact switches)

<b>MODEL:</b>	<b>H2O IR</b>
<b>VOLTAGE:</b>	120V/60Hz or 230V/60Hz
<b>LED:</b>	1 X 12W LED
<b>POWER CONSUMPTION:</b>	23.8W
<b>DIMENSIONS:</b>	9.25"(L) x 9"(W) x 7.25"(H) 236 x 229 x 187mm
<b>WEIGHT:</b>	7.7 Lbs/ 3.5 Kgs
<b>FUSE:</b>	1 Amp
<b>WORKING POSITION:</b>	Any Safe Position
<b>BEAM ANGLE:</b>	34 Degrees or 43 Degrees
<b>COLORS:</b>	5 Colors + White & Split Color
<b>WARRANTY:</b>	2 Years (730 Days)

**Auto Sensing Voltage:** *This fixture contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source.*

**Please Note:** *Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.*

ADJ Products, LLC  
6122 S. Eastern Ave. Los Angeles, CA 90040 USA  
Tel: 323-582-2650 / Fax: 323-725-6100  
Web: [www.adj.com](http://www.adj.com) / E-mail: [info@americandj.com](mailto:info@americandj.com)

A.D.J. Supply Europe B.V.  
Junostraat 2  
6468 EW Kerkrade  
Netherlands

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[service@adjgroup.eu](mailto:service@adjgroup.eu) / [www.adj.eu](http://www.adj.eu)  
Tel: +31 45 546 85 00 / Fax: +31 45 546 85 99