



H2O IR



User Manual

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DOCUMENT VERSION



Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check www.adj.com for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Software Version	DMX Channels	Notes
06/15/2015	1.0	N/A	N/A	Initial Release.
08/23/2022	1.1	N/A	N/A	Updated UC IR Page

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!

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INTRODUCTION

Unpacking: Thank you for purchasing the **H2O IR** by ADJ Products, LLC. Every unit 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 fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In the event that damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

Introduction: The ADJ H2O IR is a multi-colored simulated water flowing effect light. 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.

Customer Support: Contact ADJ Service for any product related service and support needs. Also visit forums.adj.com with questions, comments or suggestions.

Parts: To purchase parts online visit:

<http://parts.adj.com> (US)

<http://www.adjparts.eu> (EU)

ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST

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

Do not discard the shipping carton in the trash. Please recycle when ever possible.

LIMITED WARRANTY (USA ONLY)

- 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 the product back—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 prepaid. 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 and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall incur 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 product serial number and/or labels are 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 it was not properly maintained as set forth in the product instructions, guidelines and/or user 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 identifying 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.
- F. 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 all warranties, whether expressed or implied, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. 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 Product, LLC be liable for any loss and/or damage, direct and/or consequential arising out of the use of, and/or inability to use this product.
- G. 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:

- Non-LED Lighting Products = 1-Year (365 Days) (Including Special Effect Lighting, Intelligent Lighting, UV lighting, Strobos, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands, Power/Data Distribution, etc. excluding LED and lamps)
- Laser Products = 1-Year (365 Days) (excluding laser diodes which have a 6-Month Limited Warranty)
- LED Products = 2-Year (730 Days) (excluding batteries which have a 180 Day Limited Warranty)
- NOTE: 2-Year (730 Days) Limited Warranty ONLY applies to product purchased within the United States. StarTec Series = 1-Year (365 Days) (excluding batteries which have a 180 Day Limited Warranty)
- ADJ DMX Controllers = 2 Year (730 Days)
- American Audio Products = 1 Year (365 Days)

WARRANTY REGISTRATION

The H2O IR carries a 2 year 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 accompanied by 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 included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain an R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying an R.A. number on the outside of the package will be returned to the shipper.

FEATURES

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

INCLUDED ITEMS

Power Cord (x1)
Bracket Yoke (x1)

SAFETY GUIDELINES

- To reduce the risk of electrical shock or fire, do not expose this unit to 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.
- 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 onto, 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.

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 during operation. Always ensure that the structure to which you are attaching the unit is secure and capable of supporting 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.

OPERATING INSTRUCTIONS

Operation: This unit comes with five built-in colors, and is designed to operate as a stand alone unit that does not require a controller of any kind. When the unit is connected to power, the Lamp will strike, and the unit will begin its reset process. Once reset is complete, the lamp will turn on, and the color wheel will begin to rotate. In order to start or stop rotation, the user can press the "color wheel on/off" button located on the back of the unit. A **UC IR** optional remote is also available for purchase to start and stop the color wheel from a distance. Please see the **UC IR** control section for operation.

Focusing Lens: This unit can be manually focused by turning the main lens either clockwise or counter-clockwise.

UC IR CONTROL & SETUP

UC IR SETUP

There are many factors that can affect and/or interrupt a wireless signal, including walls, glass, metal, objects, and people. Therefore, the following guidelines are recommended in order to maximize the chances of having a clear path for the wireless signal to reach the device:

- Install the device a minimum of 9.8 ft (3m) above audiences and/or ground level.
- Arrange the wireless antenna in an upright, vertical position.
- Position devices in direct line of sight of the transmitting controller.

Careful planning and testing of the selected installation location is critical to ensure optimum and reliable wireless operation.

9.8 ft (3m)
Above Ground



UC IR CONTROL

The **UC IR** infrared remote gives you control of various function (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, with a clear line of sight.

STAND BY - Pressing this button will blackout the fixture.

FULL ON - No function

FADE/GOBO - No function

"DIMMER + and DIMMER -" - These buttons adjust the output intensity

STROBE - No function

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

1-9 - No function

SOUND ON & OFF - No function

SHOW 0 - No function



LENS INSTALLATION



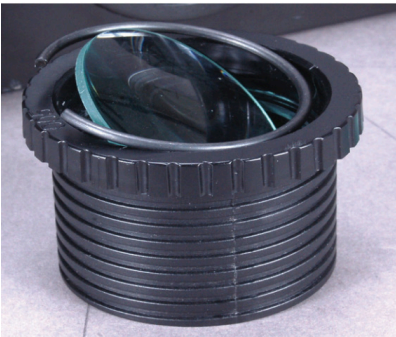
The installation of the lens is a relatively simple process. Nevertheless, please exercise caution while performing this installation in order to avoid damaging the lens or the fixture



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

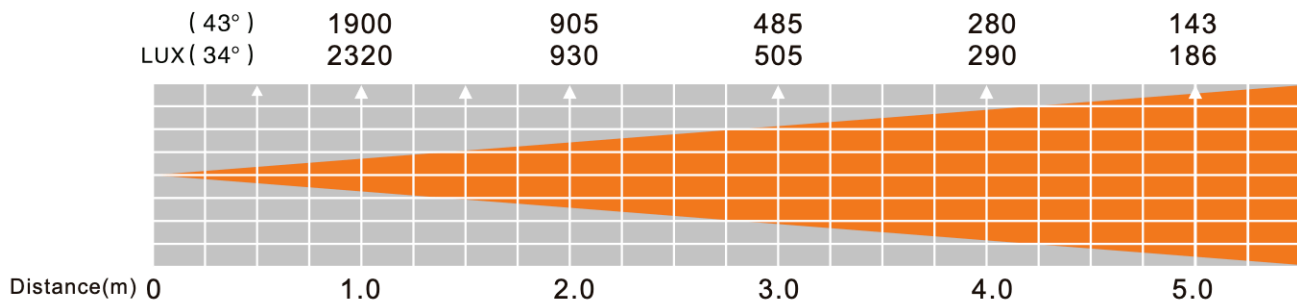


The image to the left illustrates how the focus barrel should look after the lens has been popped out. Remove the lens and retainer ring.



Flip the focus barrel over and insert the new lens. Very carefully insert the retainer ring. Make sure retainer ring is in correctly, flush against the lens. Finally, screw the focus barrel back into the fixture.

PHOTOMETRIC CHART



FUSE REPLACEMENT

With the power cord removed, locate the units fuse holder which is located on the power input socket. With a flat head screw driver, gently remove the fuse holder. Remove the bad fuse and replace with a slow blow fuse of the same amperage. 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.

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). During heavy use, it is recommended to clean the unit every 30 days. Periodic cleaning will ensure longevity, and crisp beam output.

TROUBLE SHOOTING

No light output from the unit

1. Ensure that power cord is properly connected to the unit and to a power source.
2. Ensure the fuse has not blown. The fuse is located on the rear panel inside the power socket.

See Fuse Replacement.

SPECIFICATIONS

- Bright 12W LED simulated water flowing effect
- Designed to project on walls, ceilings or floors with or without fog – great for mood or background lighting
- Equipped with 2 glass effect wheels and 1 independent dichroic color wheel
- 5 colors: Orange, Green, Blue, Yellow, Purple + White & Split Colors
- High-tech plastic molded ends protect unit during transport and day-to-day use
- Manual focusing lens
- Color wheel rotation on/off button
- 2 operational modes: seamless scrolling colors or single color operation
- Beam angle: 43 or 34 degrees (optional)
- Includes hanging bracket
- Run all night – units stays cool – no duty cycle
- ADJ UC IR Compatible (sold separately)
- Power consumption: 23.8W
- Long life 12W LED (30,000 hr. rating)
- Switchable voltage: 120V/60Hz or 230V/50Hz (IEC Plug)
- Dimensions (LxWxH): 9.25" x 9" x 7.25" / 236 x 229 x 187mm
- Weight: 7.7 lbs. / 3.5 kg.
- cETLus approved (Control #4000358)



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