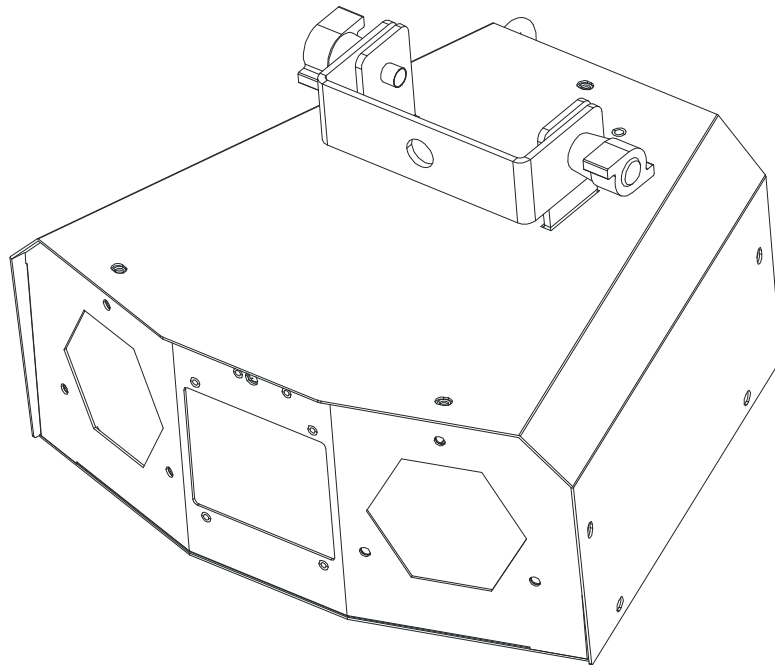




DUAL GEM PULSE IR



User Instructions

©2015 ADJ Products, LLC all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. ADJ Products, LLC logo and identifying product names and numbers herein are trademarks of ADJ Products, LLC. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-ADJ Products, LLC brands and product names are trademarks or registered trademarks of their respective companies.

ADJ Products, LLC and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, insufficient and negligent assembly, installation, rigging, and operation of this product.

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!

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.

Unpacking:

Thank you for purchasing the Dual Gem Pulse IR by ADJ Products, LLC. Every Dual Gem Pulse 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 unit for any damage and be sure all equipment necessary to operate the system has 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 unit 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 for any comments or suggestions. For service related issue please contact ADJ. 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

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 your nearest ADJ dealer.

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

The Dual Gem Pulse 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. If the unit is under warranty you must provide a copy of your proof of purchase invoice. Please contact ADJ customer support for a R.A. number.

Safety Issue: This unit may blow the breaker if the maximum allotted load of 2 amps is reached. If the fuse needs replacement, please see the fuse replacement guidelines on page 4.

- Be sure the local power outlet match the required voltage of the unit.
- 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.
- 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.
- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- 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-Cord Protection - 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 cords at plugs, convenience receptacles, and the point where they exit from the fixture. 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.
- The fixture should be serviced by qualified service personnel when:
 - A. The power 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 fixture does not appear to operate normally or exhibits a marked change in performance.

Dual Gem Pulse IR

Features

- Includes Built-In Hanging Yoke
- Sound-Active
- Light Weight
- Strobe Effect Switch
- UC IR Compatible (Sold Separately)

Dual Gem Pulse IR

Operation

Introduction: The ADJ Dual Gem Pulse IR is a dual output LED moon-flower effect. This fixture is designed for mobile DJ's, clubs, bands, roller rinks and any arena that requires a compact, light weight, easy to use unit.

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your ADJ Dual Gem Pulse IR before attempting operation.

General Operation: This fixture is designed to operate as a stand alone sound active unit, there is no need of a controller. It has been tested and there is no assembly necessary. The Dual Gem Pulse IR is ready to be plugged in out of the box, there is no power switch. When this fixture is plugged in, the units two LED panels will start to project preset designs to the sound of an audio source via an internal microphone. The audio sensitivity is preset at the factory for optimum performance and is not user adjustable. The middle panel is a pulse effect, that can be activated by the Strobe On/Off switch located at the rear of the unit. After plugging the unit if there is no output, check the fuse. If the fuse has not popped, please contact customer support for further instructions. This fixture features a light weight case design and an adjustable hanging bracket.

Dual Gem Pulse IR

Power Cord Daisy Chain

With this feature you can connect the fixtures to one another using the IEC input and output sockets. The quantity that can be connected is 34 fixtures maximum for 120V and 50 fixtures maximum for 230V. After the maximum amount of fixtures is connected you will need to use a new power outlet. They must be the same fixtures. DO NOT mix fixtures.

Dual Gem Pulse IR

UC IR Control

The **UC IR (sold separately)** 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.

The Dual Gem Pulse comes with the **Airstream IR** remote transmitter. The transmitter plugs into the headphone jack of your iOS phone or tablet. To control your IR fixture you must raise the volume to the maximum on your iOS phone or table and aim the transmitter at the front of the fixture and be no more than 15 feet away. After you have purchased the Airstream IR transmitters, the app is a free download from the app store for your iOS phone or tablet. The app comes with 3 pages of control depending on the IR fixture you are using. Please see below for IR functions including the corresponding app page.

Works with App page 1.

STAND BY - Pressing this button will blackout the fixture. Press the button again to return to the initial state.

FULL ON - Hold this button down to fully light up the unit. When you let the button go, the unit will return to its previous state.

FADE/GOBO - This button is invalid for this fixture.

"DIMMER +" and "DIMMER -" - These buttons are invalid for this fixture.

STROBE - Press and hold this button for strobing.

COLOR - Press this button to activate color mode. Use buttons 1-9 to find your desired color.

1-9 - Use buttons 1-9 to select your desired color when color mode is active.

SOUND ON & OFF - Use the buttons to activate and deactivate sound active mode.

SHOW 0 - This button is invalid for this fixture.

Dual Gem Pulse IR

Fuse Replacement

First unplug the power. The fuse holder is located above the power supply input. Use a phillips head screw driver to unscrew the fuse holder. Remove the bad fuse and replace with a new one.

Dual Gem Pulse IR

Cleaning

Fixture Cleaning:

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses should be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy club use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp 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. Clean the internal optics with glass cleaner and a soft cloth every 30-60 days.
4. Always be sure to dry all parts completely before plugging the unit back in.

Dual Gem Pulse IR

Trouble Shooting

Trouble Shooting:

Listed below are a few common problems that you may encounter, with solutions.

No light output from the unit;

1. Be sure you have connected your unit into a matching wall power outlet.
2. Be sure the fuse has not popped. The fuse is located on the rear panel. See fuse replacement at the top of this page.

Unit does not respond to sound;

1. Low frequencies (bass) should cause the unit to react to sound. Tapping on the microphone, quiet or high pitched sounds may not activate the unit.

Dual Gem Pulse 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, Strobos, 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) **Note: 2 Year Warranty only applies to purchases within the United States.**
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty** (excluding faders and tact switches)

ADJ Products, LLC - www.adj.com - Dual Gem Pulse IR Instruction Manual Page 7

Technical Specifications:

Model: Dual Gem Pulse IR

Voltage:	100-240V, 50/60Hz
LEDs:	30 Blue, 30 Green, 32 Red & 45 White
Beam Angle:	32 Degrees
Power Cord Daisy Chain:	34 Fixtures Max (120V) 50 Fixtures Max (230V)
Power Consumption:	11W
Dimensions:	10" (L) x 11" (W) x 7" (H) 254 x 278 x 177mm
Colors:	RGB + White
Weight:	8 Lbs./3.5 Kgs
Fuse:	2 Amp
Duty Cycle:	None
Warranty:	2 Year (730 Days)

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 / E-mail: info@americandj.com

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

Follow Us On:



facebook.com/americandj
twitter.com/americandj
youtube.com/adjlighting

service@adjgroup.eu / www.adj.eu
Tel: +31 45 546 85 00 / Fax: +31 45 546 85 99