



GOBO PROJECTOR IR



User Manual

©2022 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.

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.

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!

INTRODUCTION

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operation 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 Gobo Projector IR by ADJ Products, LLC®. Every device 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 have been damaged, carefully inspect your unit for any damage and be sure all equipment necessary to operate the system has 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. Please do not return the unit to your dealer without first contacting customer support.

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

Voice: 800-322-6337 | Fax: 323-582-2941 | support@adj.com

ADJ SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET

Voice: +31 45 546 85 60 | Fax: +31 45 546 85 96 | support@adj.eu

ADJ PRODUCTS LLC USA

6122 S. Eastern Ave. Los Angeles, CA. 90040

323-582-2650 | Fax 323-532-2941 | www.adj.com | info@adj.com

ADJ SUPPLY Europe B.V

Junostraat 2 6468 EW Kerkrade, The Netherlands

+31 (0)45 546 85 00 | Fax +31 45 546 85 99

www.americandj.eu | info@americandj.eu

ADJ PRODUCTS GROUP Mexico

AV Santa Ana 30 Parque Industrial Lerma, Lerma, Mexico 52000

+52 (728) 282-7070

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

Caution! This device can cause severe eye damage. Avoid looking directly into the light source. Use sensible precaution.

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 that 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.

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 Gobo Projector 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 prepaid 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.

GENERAL INSTRUCTIONS

To optimize the performance of this product, please read these operating instructions carefully in order to familiarize yourself with the basic operation 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.

FEATURES

- Includes Built-In Hanging Yoke
- 4 Replaceable Gobo Patterns (3 Metal & 1 Glass)
- 4 Colors Gels (Red, Green, Blue, & Yellow)
- Button on Rear Panel for static or slow rotation the gobo
- ADJ UC IR Compatible (Sold Separately)

INSTALLATION

The unit should be mounted using a mounting clamp (not provided) affixed 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 able to support at least 10 times the unit's weight. Always use a safety cable that can support at least 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 the general public.

PRECAUTIONS

Safety Issue: This unit may blow the fuse if the maximum allotted load of 1 amp is reached. Please refer to the Fuse Replacement section of this manual for detailed instructions.

- Ensure that the voltage of the power source matches the required voltage of the unit.
- Disconnect from main power before making any type of connection.
- Do not remove the cover for any reason. 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 to rain or moisture.
- This unit is intended for indoor use only, and use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit from 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 the event 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 onto, 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.

OPERATION

Introduction: The ADJ Gobo Projector IR is a rotating gobo projector. 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. This fixture also features a light weight case design and an adjustable hanging bracket.

Power Supply: Before plugging your unit in, be sure the source voltage from the power source matches the required voltage for your device.

Operation: This fixture is designed to operate as a stand alone, rotating gobo projector. No controller is required for operation. The device has been fully tested at the factory, and no assembly is required, which means that this device is ready to be plugged in and used straight out of the box. Only use the included I.E.C. power cable supplied with the unit. When this fixture is plugged in, the unit will project the included gobo. Using the button located on the back of the unit, the user can select a static display, or a counter-clockwise rotating display.

If the device does not illuminate when connected to power, check the fuse. If the fuse has not been tripped, and the device still does not illuminate, please contact customer support for further instructions.

ADJ UC IR CONTROL

The **UC IR (sold separately)** infrared remote gives you control of various functions. To control the fixture, you must aim the remote at the front of the fixture and be within the maximum range of 30 feet.

STAND BY - Blackout the fixture.

FULL ON - This button has no active function for this device.

FADE/GOBO - Run or stop the effect.

“DIMMER +” and “DIMMER -” - Use these buttons to adjust the output intensity.

STROBE - This button has no active function for this device.

COLOR - This button has no active function for this device.

1-9 - These buttons have no active function for this device.

SOUND ON & OFF - These buttons have no active function for this device.

SHOW 0 - This button has no active function for this device.



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 (if mounting in a suspended environment).
- Position devices in direct line of sight of the transmitting controller.

Careful planning and testing of the selected installation location is critical in order to ensure optimized, reliable wireless operation.

9.8 ft (3m)
Above Ground



GOBO REPLACEMENT

The Gobo Projector IR features a replaceable gobo, which can be interchanged at any time in order to customize your system. Follow the steps below to replace the gobo:

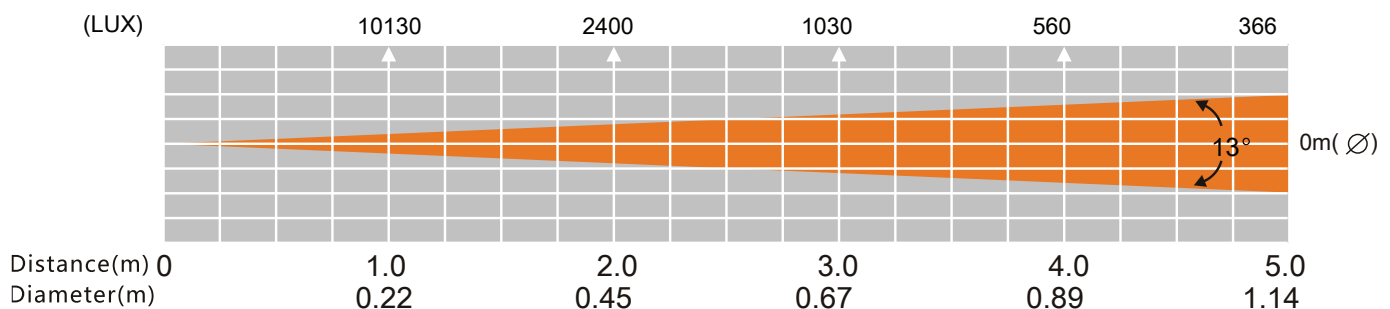
1. Unscrew the two screws that hold the gobo housing in place. These screws are located on the bottom of the unit.
2. Remove the gobo housing.
3. Use a pair of needle nose pliers to remove the retaining ring that holds the gobo in place.
4. Remove the gobo and replace with your desired replacement gobo. Reinsert the retainer ring, making sure that the ring rests firmly against the gobo.
5. Slide the gobo assembly back into place, and tighten the two screws to secure the gobo housing in place.

ADDING A COLOR GEL

The Gobo Projector IR includes with 4 colored gels, which can be installed at any time in order to add background color to your gobo. Follow the steps below to install a color gel:

1. Unscrew and remove the lens housing.
2. Using a flat head screwdriver, carefully remove the retainer ring holding the lens into place.
3. Remove the lens and insert your desired color gel. The gel should sit in place on the small ledge inside the housing.
4. With the gel in place, reinsert the lens. After the lens is inserted, reinsert the retainer ring so that it sits snugly against the lens. There should be no play between the lens and retainer ring.

PHOTOMETRIC CHART



FUSE REPLACEMENT

Locate and remove the unit's power cord, then find the fuse holder 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 fuse of the same rating. Please note that the fuse holder has a built-in socket for a spare fuse, so be sure not to confuse the spare fuse with the active fuse.

CLEANING

Due to fog residue, smoke, and dust, cleaning the internal and external optical lenses should be carried out periodically in order 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, cleaning on a monthly basis is recommended. Periodic cleaning will ensure longevity and crisp output.

- Use normal glass cleaner and a soft cloth to wipe down the outside casing.
- Periodically clean the internal and external optics with glass cleaner and a soft cloth.
- Always be sure to dry all parts completely before plugging the unit back in.

TROUBLE SHOOTING

Below is a common problem that you may encounter, with possible solutions.

No light output from the unit:

- Be sure you have connected your unit into a power source, and that the power source voltages matches the device's required voltage.
- Be sure the fuse has not been tripped. The fuse is located on the rear panel.

SPECIFICATIONS

Model:	Gobo Projector IR
LED:	1 x 12W
Colors:	White
Voltage:	120V 60Hz / 230V 50Hz
Power Consumption:	14.4W
Beam Angle:	13 Degrees
Dimensions:	8.5" (L) x 8" (W) x 4.75" (H) 217mm (L) x 206mm (W) x 121mm (H)
Weight:	6.3 Lbs / 2.9 Kgs
Gobos:	Size: 26.8mm Viewable: 24mm
Fuse:	1 Amp
Duty Cycle:	None
Warranty:	2 Years (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.

Follow Us!



Facebook.com/adjlighting
YouTube.com/adjlighting

Twitter.com/adjlighting
Instagram: adj_lighting

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@adj.com

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

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

