



ADJ IKON IR High Output Single Gobo Projection Lighting User Manual

[Home](#) » [ADJ](#) » ADJ IKON IR High Output Single Gobo Projection Lighting User Manual 

ADJ IKON IR High Output Single Gobo
Projection Lighting User Manual



IKON IR



User Manual

Revised 05/18/2023

©2023 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!

Contents

- 1 INTRODUCTION
- 2 WARRANTY REGISTRATION
- 3 LIMITED WARRANTY (USA ONLY)
- 4 SAFETY PRECAUTIONS
- 5 OPERATION
- 6 GOBO REPLACEMENT
- 7 UCIR REMOTE
- 8 PHOTO METRIC CHART
- 9 INSTALLATION
- 10 POWER CORD DAISY CHAIN
- 11 TROUBLE SHOOTING
- 12 FUSE REPLACEMENT
- 13 CLEANING
- 14 SPECIFICATIONS
- 15 Documents / Resources
 - 15.1 References

INTRODUCTION

To optimize the performance of this product, please read these operating instructions carefully and 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 Ikon 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 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 eye damage. Avoid looking directly into the light source, and 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 your unit may require service, please contact ADJ Products, LLC.

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

WARRANTY REGISTRATION

This unit carries a two 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 a R.A. number on the outside of the package will be returned to the shipper.

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 checkup. 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, Strobes, 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)

SAFETY PRECAUTIONS

- This unit has a built in fuse that is designed to blow or trip when the maximum current load (7 amps) is reached

or exceeded. The fuse will subsequently need to be replaced. Refer to the Fuse Replacement section of this manual for detailed information.

- Be sure the power source matches the required voltage of the device.
- 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'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 at which 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, 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

The ADJ Ikon 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 is also suitable for theaters, studios, retail stores, and other similar locations.

Power Supply: This device features an automatic voltage switch, which will automatically sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the correct power voltage, and this unit can be plugged in almost anywhere.

Operation:

- This device is designed to operate as a stand alone, rotating gobo projector, and does not require a DMX controller for operation.
- This device has been carefully tested, and no assembly is required.
- This device is ready for use right out of the box, and will project the included gobo as soon as it is plugged in.
- Use the bottom knob located at the back of the unit to control the gobo rotation speed and rotation direction.
- Use the top knob to control output intensity.
- If the device fails to operate when plugged in, 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.

GOBO REPLACEMENT

The Ikon IR comes with a replaceable gobo. This gobo can be interchanged at any time, allowing the user to easily customize the system.

To replace gobo, follow the directions below:

1. Unscrew the two screws located at the bottom that secure the gobo housing.
2. Remove the gobo housing.
3. Once the gobo housing has been removed, use needle nose pliers to remove the retaining ring that holds the gobo in place.
4. Remove and replace the gobo with your desired replacement. Reinsert the retainer ring, and make sure the ring rests firmly against the gobo.
5. Slide the gobo assembly back into place, and secure the housing with the two screws that were removed in Step 1.

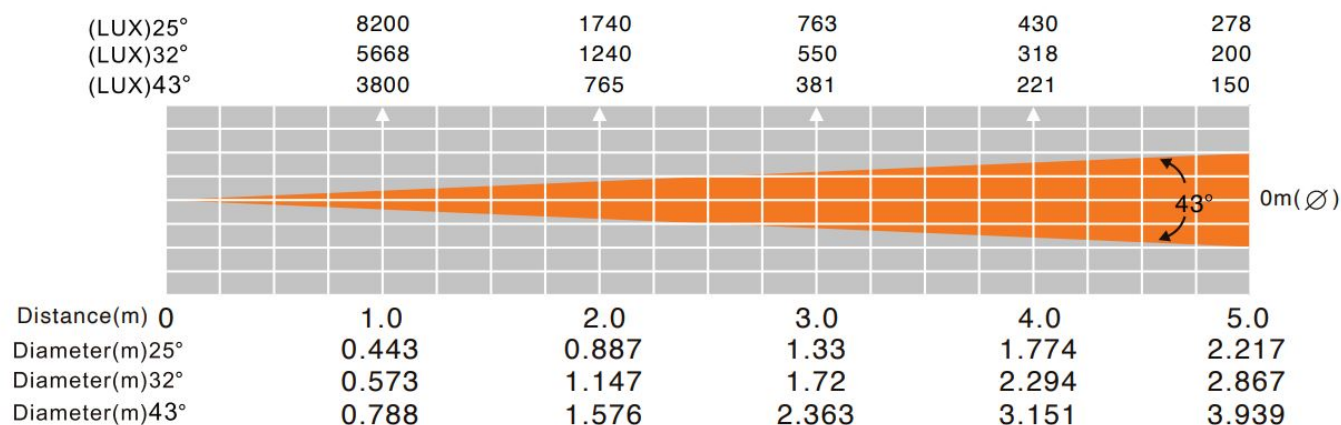
UCIR REMOTE

The **UC IR (sold separately)** infrared remote gives you control of various functions, as listed below. The remote must be aimed towards the front of the fixture, and maximum range is 30 feet.

CONTROLS

- **STAND BY** – Press this button to blackout the fixture.
- **FULL ON** – This button has no defined function for this fixture.
- **FADE/GOBO** – Press to activate gobo rotation.
- **“DIMMER +” and “DIMMER -”** – Use these buttons to adjust the output intensity.
- **STROBE** – This button has no defined function for this fixture.
- **COLOR** – This button has no defined function for this fixture.
- **1-9** – These buttons control gobo rotation direction and speed. Press buttons 1-4 to select clock-wise rotation and speed, with the #1 button being the slowest and the #4 being the fastest. Press buttons 6-9 to select counter-clockwise rotation and speed, with the #6 button being the slowest and the #9 button being the fastest. Press the #5 button to stop rotation.
- **SOUND ON & SOUND OFF** – These buttons have no defined function for this fixture.
- **SHOW 0** – This button has no defined function for this fixture.

PHOTO METRIC CHART



INSTALLATION

The unit should be mounted using a mounting clamp (not provided), and 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 is able to support at least 10 times the unit's weight. Also, always use a safety cable that can hold 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 out of reach of the general public.

POWER CORD DAISY CHAIN

This feature allows fixtures to be linked to one another using the IEC input and output sockets.

The maximum number of units that can be connected in this manner is as follows:

- **9 fixtures maximum @ 120V**
- **17 fixtures maximum @ 230V**

After this value has been reached, a new power outlet will need to be used to accommodate any additional fixtures.

All fixtures linked in this manner must be of the same make and model type. DO NOT mix fixtures.

TROUBLE SHOOTING

Below is a common problem that users may encounter, with a possible solution.

No light output from the unit:

Check the fuse, which can be found on the rear panel of the unit. If the fuse has been tripped, refer to the **Fuse Replacement** section of this manual for detailed instructions on replacing the fuse.

FUSE REPLACEMENT

Disconnect the unit from power. Locate the fuse holder inside the I.E.C power cord output socket, and use a flathead screw driver to unscrew and remove the fuse holder. Remove the bad fuse and replace with a new fuse of the same rating.

CLEANING


Due to fog residue, smoke, and dust, cleaning of 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.

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

SPECIFICATIONS





- Bright white 80W LED indoor Gobo Projector
- High quality optics – Clear powerful output
- Adjustable dimmer and rotate knob on rear panel
- Includes 4 replaceable metal Gobo patterns
- Gobo size: 54mm; Viewable size: 39.75mm; Thickness: 0.2mm
- Stainless Steel Gobos
- Run all night – No Duty Cycle
- Easy Gobo replacement access
- Manual focus
- Ideal for Mobile DJs, Clubs, Bars, Retail Stores and Promotional Events
- Very low heat output
- Beam Angle: 25, 32 or 43 degrees (Includes 3 different lenses)
- Long life LED (Rated at approximately 50,000 hrs.)
- IEC AC outlet on side to daisy chain power (up to 9 Ikon IR's @ 120V and 17 Ikon IR's @ 230V)
- Color Temperature: 8500K
- Includes yoke to mount on a wall or hang from trussing
- Includes UC IR Remote Control
- Multi-voltage: 100-240V, 50/60Hz
- Power consumption: 90W max
- Dimensions (LxWxH): 9.5" x 9.5" x 8.5" / 236 x 236 x 215mm
- Weight: 6.6 lbs. / 3 kg.

Documents / Resources

 <p>IKON IR User Manual</p>	<p>ADJ IKON IR High Output Single Gobo Projection Lighting [pdf] User Manual IKON IR, IKON IR High Output Single Gobo Projection Lighting, High Output Single Gobo Projection Lighting, Output Single Gobo Projection Lighting, Single Gobo Projection Lighting, Gobo Projection Lighting, Projection Lighting, Lighting</p>
--	--

References

-  [Topics | ADJ Forums](#)

-  [ADJ Product Parts - Lighting Online Parts Store](#)
-  [Home](#)
-  [ADJ Partsshop - Service is our passion!](#)
-  [ADJ Supply Europe](#)

[Manuals+](#)