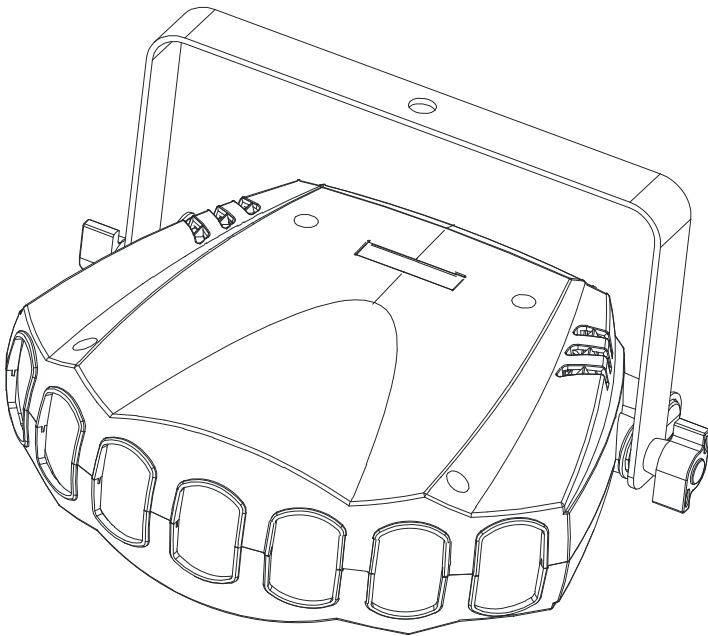


JELLYFISH IR



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!

Jellyfish IR

General Information

Unpacking: Thank you for purchasing the Jellyfish IR by ADJ Products, LLC. Every Jellyfish 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 fixture for any damage and be sure all equipment necessary to operate the unit 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 this unit to your dealer without contacting customer support first.

Introduction: The Jellyfish IR is a DMX intelligent, LED fixture. The fixture has three different operating modes; sound-active mode, show mode, or it can be controlled by a DMX controller. In DMX mode it has 2 different channel mode; a 3 channel mode, and 28 channel mode. It can operate as a stand alone fixture or in a Master/Slave configuration. This fixture is suitable for theaters, studios, retail stores, and other similar locations. *For best results use fog or special effects smoke to enhance the beams projections.*

Customer Support: ADJ Products, LLC provides a toll free customer support line, to provide 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. 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.

Warning! This may cause severe eye damage. Avoid looking directly into the light source at all times!

Jellyfish 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.

Jellyfish IR

Features

- DMX-512 Protocol Compatible
- 2 DMX Channel Modes: 3 Channel & 28 Channel
- 3 Operating Modes - Sound Active, Show, DMX Control
- Stand Alone or Master/Slave Configuration
- Internal Microphone
- UC IR Compatible (Not Included)
- Power Cord Daisy Chaining (See page 14)

Jellyfish IR

Warranty Registration

The Jellyfish IR carries a 2 year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase and warranty. You may also register your product online at www.adj.com. 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.

Jellyfish IR

Handling Precautions

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

ADJ will not accept any liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to this unit.

For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!

- 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.
- Be sure that the local power outlet match that of the required voltage for 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.
- 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.
- 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 cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 20 for cleaning details.
- Heat -This fixture 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. Objects have fallen, or liquid has been spilled into the appliance.
 - B. The appliance has been exposed to rain or water.
 - C. The appliance does not appear to operate normally or exhibits a marked change in performance.

Power Supply: The ADJ Jellyfish IR contains an automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch you do not need to worry about wall voltage, this unit can be plugged in anywhere.

DMX-512: *DMX is short for Digital Multiplex. This is a universal protocol used by most lighting and controller manufactures as a form of communication between intelligent fixtures and controllers.* A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

DMX Linking: DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. *To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. Therefore, the first fixture controlled by the controller could be the last fixture in the chain. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.*

Data Cable (DMX Cable) Requirements (For DMX and Master/Slave Operation): The Jellyfish IR can be controlled via DMX-512 protocol.

The Jellyfish IR has two DMX Channel modes. It has a three channel mode and 28 channel mode. The DMX address is set electronically using the controls on the rear panel of the unit. Your unit and your DMX controller require a approved DMX-512 110 Ohm Data cable for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional sound and lighting stores). Your cables should be made with a male and female



Figure 1

XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.

Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

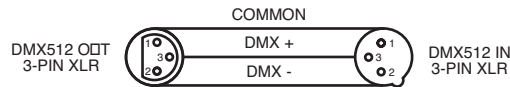


Figure 2



Figure 3

XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.



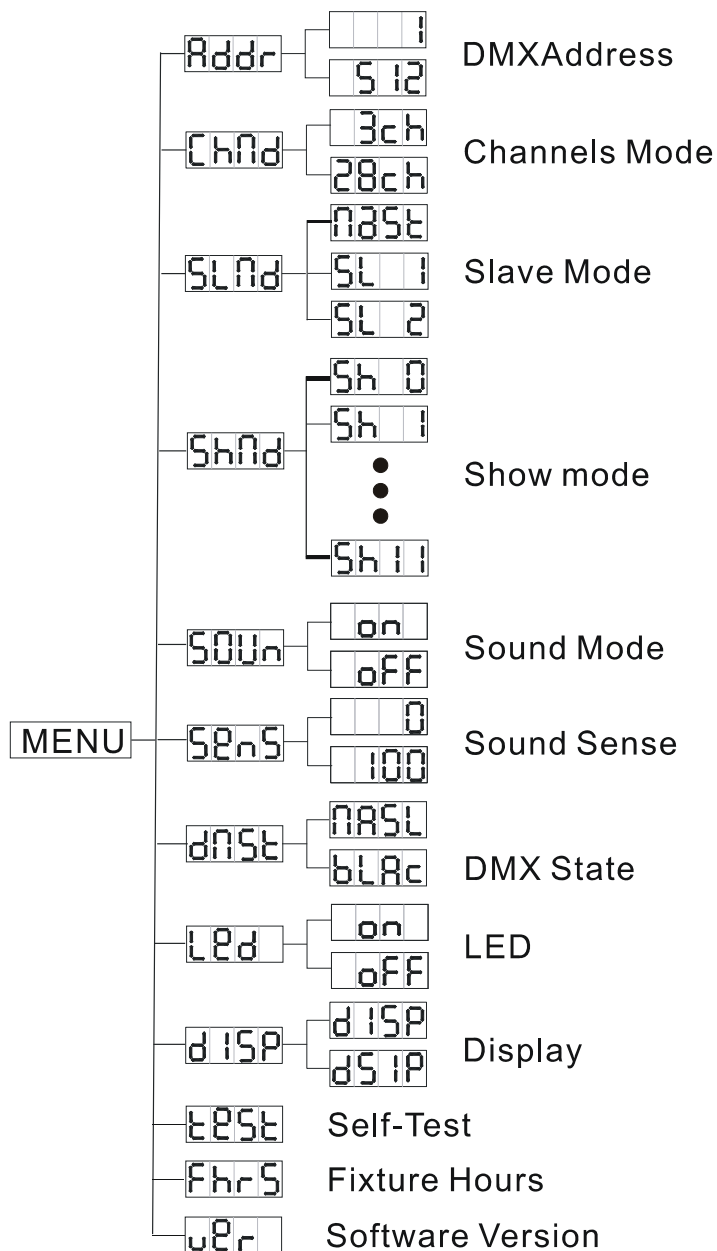
Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

Figure 4

5-Pin XLR DMX Connectors. Some manufactures use 5-pin XLR connectors for DATA transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used, these adaptors are readily available at most electric stores. The chart below details a proper cable conversion.

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Pin 4 - Do Not Use
Not Used		Pin 5 - Do Not Use

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.



System Menu: When making adjustments you can press **ENTER** to confirm your setup or you can wait 8 seconds for automatic setup. To exit without making any adjustments press the **MENU** button.

ADDR - DMX Address Setting.

1. Press either the MENU button until “**ADDR**” is displayed, press ENTER.
2. The current DMX address will now be displayed and flashing. Press the UP or DOWN buttons to find your desired address. Press ENTER to set your desired DMX address.

CHND - This will let you the DMX Mode you want to run. You can choose between 3 channel mode and 28 channel mode.

1. Press the MENU button until “**CHND**” is displayed, press ENTER. Either “**3CH**” or “**28CH**” will be displayed.
2. Press the UP or DOWN buttons until your desired DMX channel mode is displayed, press ENTER to confirm. See page 7 for DMX Channel modes and traits.

SLND - This will let you set unit as a slave in a master/slave configuration.

1. Press the MENU button until “**SLND**” is displayed, press ENTER. Either “**MAST**”, “**SL 1**”, or “**SL 2**”, will be displayed.
2. Press the UP or DOWN buttons until your desired mode setting is displayed, press ENTER to confirm.

Note: Each slave mode is a different light show.

NOTE: In a Master/Slave configuration you can set one fixture to Master and then set the next fixture to “**SL 2**”, the fixtures will now have contrast movement to each other.

Sh 0 - Sh 11 - Show modes 0 - 11 (Factory programs). Show mode can be run with sound activity or without. For show mode to run without sound activity turn sound activity off.

1. Press the MENU button until “**ShNd**” is displayed, press ENTER.
2. “**Sh X**” will now be displayed, “X” representing a number between 1-11. Programs 1-11 are factory programs, while “**Sh 0**” is random mode. Press the UP or DOWN buttons to find your desired show and press ENTER to confirm.

SOUN - Sound Active mode.

1. Press the MENU button until “**SOUN**” is displayed, press ENTER.
2. The display will show either “**ON**” or “**OFF**”. Press the UP or DOWN buttons to select “**ON**” to activate sound active mode, or “**OFF**” to deactivate sound active mode.
3. Press ENTER to confirm.

SENS - In this mode you can adjust the sound sensitivity.

1. Press the MENU button until “**SENS**” is displayed, press ENTER.
2. A number between 0-100 will be displayed. Press the UP or DOWN buttons to adjust the sound sensitivity. 0 being the least sensitive, and 100 being the most sensitive.
3. When you have found your desired setting press ENTER to confirm.

DNST - This mode can be used as a precaution mode, that in case the DMX signal is lost, interrupted, or power is lost, the operating mode chosen in the setup is the running

mode the fixture will go into when the DMX signal is lost. You can also set this as the operating mode you would like the unit to return to when power is applied.

1. Press the MENU button until “**DNST**” is displayed, and either “**MASL**” or “**BLND**” will be displayed beneath.
2. Press ENTER and the bottom choice will begin to flash. Use the UP or DOWN buttons to choose an operating mode you would like the unit to start up in when power is applied or the DMX signal is lost.
 - **MASL** (Master Slave) - If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode and run a built-in show.
 - **BLND** (Blackout) - If the DMX signal is lost or interrupted, the unit will automatically go into stand by mode.
3. Press ENTER to confirm your desired set up.

LED - With this function you can have the LED display turn off after 10 seconds.

1. Press the MENU button until “**LED**” is displayed, press ENTER.
2. The display will show either “**ON**” or “**OFF**”. Press the UP or DOWN buttons to select “**ON**” to keep the LED display on at all times, or “**OFF**” to switch to have the LED display switch off after 10 seconds.
3. Press ENTER to confirm.

IDSP - This function will reverse the display 180°.

1. Press the MENU button until “**IDSP**” is displayed, press ENTER.
2. Press ENTER to “flip” the display. Press ENTER to “flip” it again. Press ENTER when you have made your desired setup.

FHRS - With this function you can display the running time of the fixture.

1. Press the MENU button until “**FHRS**” is displayed, press ENTER.
2. The running time of the fixture will now be displayed. Press MENU to exit.

VER - With this function you can display the version software of the fixture.

1. Press the MENU button until “**VER**” is displayed, press ENTER.
2. The software version will now be displayed. Press MENU to exit.

Universal DMX Control: This function allows you to use a universal DMX-512 controller to control the colors, chases, chase speed, and strobe. A DMX controller allows you to create unique programs tailored to your individual needs. The Jellyfish IR has two DMX channel modes; a 3 channel mode and 28 channel mode.

1. To control your fixture in DMX mode, follow the set-up procedures on pages 5-7 as well as the set-up specifications that are included with your DMX controller.
2. Use the controller’s faders to control the various DMX fixture traits.
3. Follow the instructions on page 9 to set the DMX address and choose your desired DMX Channel mode.
4. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.
5. For help operating in DMX mode consult the manual included with your DMX controller.

Sound Active Mode: This mode allows either single unit or several units linked together, to run to the beat of the music.

1. Press the MENU button until “**SOUN**” is displayed, and press ENTER. Press the UP or DOWN buttons so that “**ON**” is displayed and press ENTER.
2. The sound sensitivity can be adjusted by pressing the MENU button until “**SENS**” is displayed. Press ENTER and use the UP and DOWN buttons to adjust the sound sensitivity. “0” being the least sensitive and “100” being the most.

Show Mode: This mode allows you to run 1 of 11 shows.

1. Press the MENU button until “**SHND**” is displayed, and press ENTER.
2. Using the either the UP or DOWN buttons, find your desired show.
3. Press ENTER to confirm.

Jellyfish IR

Master-Slave Set Up

This function will allow you to link up to 16 units together and operate without a controller. In a Master-Slave set up one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Master or as a Slave.

1. Using standard XLR microphone cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only - The last unit in the chain will use the male XLR connector only. For longer cable runs we suggest a terminator at the last fixture.
2. On the Master unit press the MENU button until “**SLND**” is displayed, and press ENTER. Press the UP or DOWN button until “**MAST**” is displayed, and press ENTER to confirm. Now, select your desired operating mode and set that show by pressing the ENTER button.
3. On the slave units press the MENU button until “**SLND**” is displayed, select your desired Slave mode and Press ENTER.
4. The slave units will now follow the Master unit.

Jellyfish IR

Power Cord Daisy Chaining

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 28 fixtures maximum for 120V and 46 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.

Jellyfish 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 Jellyfish IR 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 -” - Use the buttons to adjust the output intensity.

STROBE - Press and hold this button for strobing.

COLOR - Press this button to activate color mode. Use buttons 1-5 to select your desired color.

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

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

SHOW 0 - Press this button to select Show 0. Use buttons 1-9 to select Shows 1-9. Press the Show 0 button twice to run Show 10, and press button #1 twice to run show 11.

Jellyfish IR		3 Channel DMX Traits
Channel	Value	Function
1		COLOR/CHASE/SOUND ACTIVE
	0 - 119	COLOR
	120 - 239	CHASE
	240 - 255	SOUND ACTIVE
2		<u>COLOR (CH. 1 VALUES 1 - 119)</u>
	0 - 15	OFF
	16 - 31	COLOR 1
	32 - 47	COLOR 2
	48 - 63	COLOR 3
	64 - 79	COLOR 4
	80 - 95	COLOR 5
	96 - 111	COLOR 6
	112 - 127	COLOR 7
	128 - 143	COLOR 8
	144 - 159	COLOR 9
	160 - 175	COLOR 10
	176 - 191	COLOR 11
	192 - 207	COLOR 12
	208 - 223	COLOR 13
	224 - 239	COLOR 14
	240 - 255	COLOR 15
		<u>CHASE (CH. 1 VALUES 120 - 239)</u>
	0 - 9	OFF
	10 - 19	CHASE 1
	20 - 29	CHASE 2
	30 - 39	CHASE 3
	40 - 49	CHASE 4
	50 - 59	CHASE 5
	60 - 69	CHASE 6
	70 - 79	CHASE 7

3 CHANNEL MODE: The setting of Channel 1 is used with Channel 2 and Channel 3.

Please see the next page for the continuation of the 3 Channel DMX Traits.

Jellyfish IR		3 Channel DMX Traits
Channel	Value	Function
2		<u>CHASE Cont. (CH. 1 VALUES 120 - 239)</u>
	80 - 89	CHASE 8
	90 - 99	CHASE 9
	100 - 109	CHASE 10
	110 - 119	CHASE 11
	120 - 129	CHASE 12
	130 - 139	CHASE 13
	140 - 149	CHASE 14
	150 - 159	CHASE 15
	160 - 169	CHASE 16
	170 - 179	CHASE 17
	180 - 189	CHASE 18
	190 - 199	CHASE 19
	200 - 209	CHASE 20
	210 - 219	CHASE 21
	220 - 229	CHASE 22
	230 - 239	CHASE 23
	240 - 249	CHASE 24
	250 - 255	CHASE 25
3		<u>STROBE (CH. 1 VALUES 0 - 119)</u>
	0 - 9	OPEN
	10 - 255	STROBING SLOW - FAST
		CHASE SPEED (CH. 1 VALUES 120 - 239)
	0 - 9	OPEN
	10 - 255	CHASE SPEED SLOW - FAST

3 CHANNEL MODE: The setting of Channel 1 is used with Channel 2 and Channel 3.

Jellyfish IR		28 Channel DMX Traits
Channel	Value	Function
1	1 - 255	RED 0% - 100%
2	1 - 255	GREEN 0% - 100%
3	1 - 255	BLUE 0% - 100%
4	1 - 255	WHITE 0% - 100%
5	1 - 255	RED 0% - 100%
6	1 - 255	GREEN 0% - 100%
7	1 - 255	BLUE 0% - 100%
8	1 - 255	WHITE 0% - 100%
9	1 - 255	RED 0% - 100%
10	1 - 255	GREEN 0% - 100%
11	1 - 255	BLUE 0% - 100%
12	1 - 255	WHITE 0% - 100%
13	1 - 255	RED 0% - 100%
14	1 - 255	GREEN 0% - 100%
15	1 - 255	BLUE 0% - 100%
16	1 - 255	WHITE 0% - 100%

Please the next page for the continuation of the 28 Channel DMX Traits.

Jellyfish IR		28 Channel DMX Traits
Channel	Value	Function
17	1 - 255	RED 0% - 100%
18	1 - 255	GREEN 0% - 100%
19	1 - 255	BLUE 0% - 100%
20	1 - 255	WHITE 0% - 100%
21	1 - 255	RED 0% - 100%
22	1 - 255	GREEN 0% - 100%
23	1 - 255	BLUE 0% - 100%
24	1 - 255	WHITE 0% - 100%
25	1 - 255	RED 0% - 100%
26	1 - 255	GREEN 0% - 100%
27	1 - 255	BLUE 0% - 100%
28	1 - 255	WHITE 0% - 100%

28 CHANNEL MODE: Each channel is 3 LEDs per Lens. i.e. Channel 1 is 3 Red LEDs behind the first lens, Channel 4 is 3 LEDs behind the second lens,

Jellyfish IR

Fuse Replacement

First unplug the power. The fuse holder is located next to the power cord. Using a flat-head screw driver to unscrew the fuse holder. Remove the bad fuse and replace with a new one.

Jellyfish IR

Cleaning

Fixture Cleaning: Due to fog residue, smoke, and dust cleaning the internal and external optical lenses and mirror 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. Use a brush to wipe down the cooling vents and fan grill.
3. Clean the external optics and mirror with glass cleaner and a soft cloth every 20 days.
4. Clean the internal optics with glass cleaner and a soft cloth every 30-60 days.
5. Always be sure to dry all parts completely before plugging the unit back in.

Jellyfish 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 the external fuse has not blown. The fuse is located on the rear panel of the unit.
2. Be sure the fuse holder is completely and properly seated.

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.

Jellyfish 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)

Model:	Jellyfish IR
Voltage:	100-240V, 50/60Hz
LED:	84 x 5mm LEDs (21 Red, 21 Green, 21 Blue, & 21 White)
Power Consumption:	14W
Fuse:	2A
Power Cord Daisy Chain:	28 Fixtures Max. (120V) 46 Fixtures Max. (230V)
Beam Angle:	96 Degrees
Dimensions:	9.5"(L) x 11.5"(W) x 7.5"(H) 241mm x 294mm x 190mm
Weight:	4.4 Lbs. / 2.0kgs.
Colors:	RGB & W
Duty Cycle:	None
DMX:	2 DMX Channel Modes; 3 Channel Mode & 28 Channel Mode
Sound Active:	Yes
Working Position:	Any Safe, Secure Position
Warranty:	2 Year (730 days)

Auto Sensing Voltage: This fixture contains an 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.

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