

VIZI BSW 300

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!

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 Channel Mode	Notes
02/01/17	1	1.00	14 / 18	Initial Version
03/07/22	2	N/C	N/C	Added Gobo Wheel 1 & Gobo Wheel 2 DMX traits

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GENERAL INFORMATION

INTRODUCTION

Please read and understand all instructions in this manual carefully and thoroughly before attempting to operate these products. These instructions contain important safety and use information.

UNPACKING

The products in this kit have been thoroughly tested and have 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 each unit included for damage and be sure all accessories necessary to operate the units have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this kit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

WARRANTY RETURNS

All returned service items whether under warranty or not, must be freight pre-paid and accompany 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 and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without a R.A. number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a R.A. number by contacting customer support.

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 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, or 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 service by anyone other than 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 warrant 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 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.
- 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.

LIMITED WARRANTY PERIODS

- **Non L.E.D. Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excludes laser diodes which have 6 month limited warranty)
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding batteries which have a 180 day limited warranty)
Note: 2 Year Warranty only applies to purchases within the United States.
- **StarTec Series = 1 Year Limited Warranty** (excluding batteries which have a 180 day limited warranty)
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty**

SAFETY GUIDELINES

To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. ADJ Products, LLC is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/or the included mounting hardware will void the original manufactures warranty and increase the risk of damage and/or personal injury.



PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED



THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF; DOING SO WILL VOID YOUR MANUFACTURES WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURES WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.

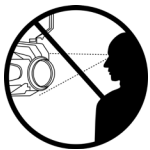


**DO NOT PLUG FIXTURE INTO A DIMMER PACK!
NEVER OPEN THIS FIXTURE WHILE IN USE!
UNPLUG POWER BEFORE SERVICING FIXTURE!
NEVER TOUCH FIXTURE DURING OPERATION AS IT MAY BE HOT!**

**Maximum ambient temperature is Ta: 40°C. DO NOT operate it where the temperature is higher than this. Unit surface temperature may reach up to 75°C. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.
KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!**



IF THE FIXTURE IS EXPOSED TO ENVIRONMENTAL TEMPERATURE CHANGES SUCH AS RELOCATION FROM AN OUTDOOR COLD TO AN INDOOR WARM ENVIRONMENT, DO NOT POWER THE FIXTURE ON IMMEDIATELY. INTERNAL CONDENSATION AS A RESULT OF ENVIRONMENTAL TEMPERATURE CHANGE CAN CAUSE INTERNAL FIXTURE DAMAGE. LEAVE THE FIXTURE POWERED OFF UNTIL IT HAS REACHED ROOM TEMPERATURE BEFORE POWERING ON.



NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE! RETINA INJURY RISK - MAY INDUCE BLINDNESS! SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK! THIS IS A RISK GROUP 3 (HIGH RISK) PRODUCT ACCORDING TO EN 62471 AND IEC/TR 62778. THE LUMINAIRE SHOULD BE POSITIONED 63METERS OR MORE FROM THE OUTPUT OF THE FIXTURE TO REDUCE OR ELIMINATE EXPOSURE.

SAFETY GUIDELINES

CAUTION

HIGH INTENSITY ULTRAVIOLET LIGHT



AVOID DIRECT EYE & SKIN EXPOSURE.
WEAR PROPER EYE & SKIN PROTECTION.
SEE MANUAL FOR SAFETY INSTRUCTIONS.

RISK GROUP 3 - RISK OF EXPOSURE TO ULTRAVIOLET UV RADIATION! FIXTURE EMITS HIGH INTENSITY WAVELENGTH OF ULTRAVIOLET UV LIGHT FROM THE UV COLOR FILTER. WEAR PROPER EYE AND SKIN PROTECTION. AVOID PROLONGED PERIODS OF EXPOSURE TO UV COLOR FILTER. AVOID WEARING WHITE COLOR CLOTHING AND/OR USING UV PAINTS ON SKIN. AVOID DIRECT EYE AND/OR SKIN

EXPOSURE AT DISTANCES LESS THAN 11 feet (3.3m). DO NOT OPERATE FIXTURE WITH DAMAGED/MISSING EXTERNAL COVERS.

DO NOT LOOK DIRECTLY INTO THE UV LIGHT AND/OR VIEW UV LIGHT DIRECTLY WITH OPTICAL INSTRUMENTS THAT MAY CONCENTRATE THE LIGHT/RADIATION OUTPUT. INDIVIDUALS SUFFERING FROM A RANGE OF EYE CONDITIONS, SUNLIGHT EXPOSURE DIS-ORDERS, OR INDIVIDUALS USING PHOTSENSITIVE MEDICATION, MAY RECEIVE DISCOMFORT IF EXPOSED TO THE ULTRAVIOLET UV LIGHT EMITTED FROM THE UV COLOR FILTER.

DO NOT TOUCH the fixture housing during operation. Turn OFF the power and allow approximately 15 minutes for the fixture to cool down before servicing.

DO NOT shake fixture; avoid brute force when installing and/or operating fixture.

DO NOT operate fixture if the power cord has become frayed, crimped, damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease.

NEVER force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of similar power rating.

DO NOT block any air ventilation slots; these must remain clean and never blocked. Allow approx. 7.9" (20cm) between fixture and other devices or a wall for proper cooling.

When installing fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, and always attach an appropriately rated safety cable.

ALWAYS disconnect fixture from main power source before performing any type of service and/or cleaning procedure. Only handle the power cord by the plug end; never pull out the plug by tugging the wire portion of the cord.

During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time.

Consistent operational breaks will ensure fixture will function properly for many years. **ONLY** use the original packaging and materials to transport the fixture in for service.

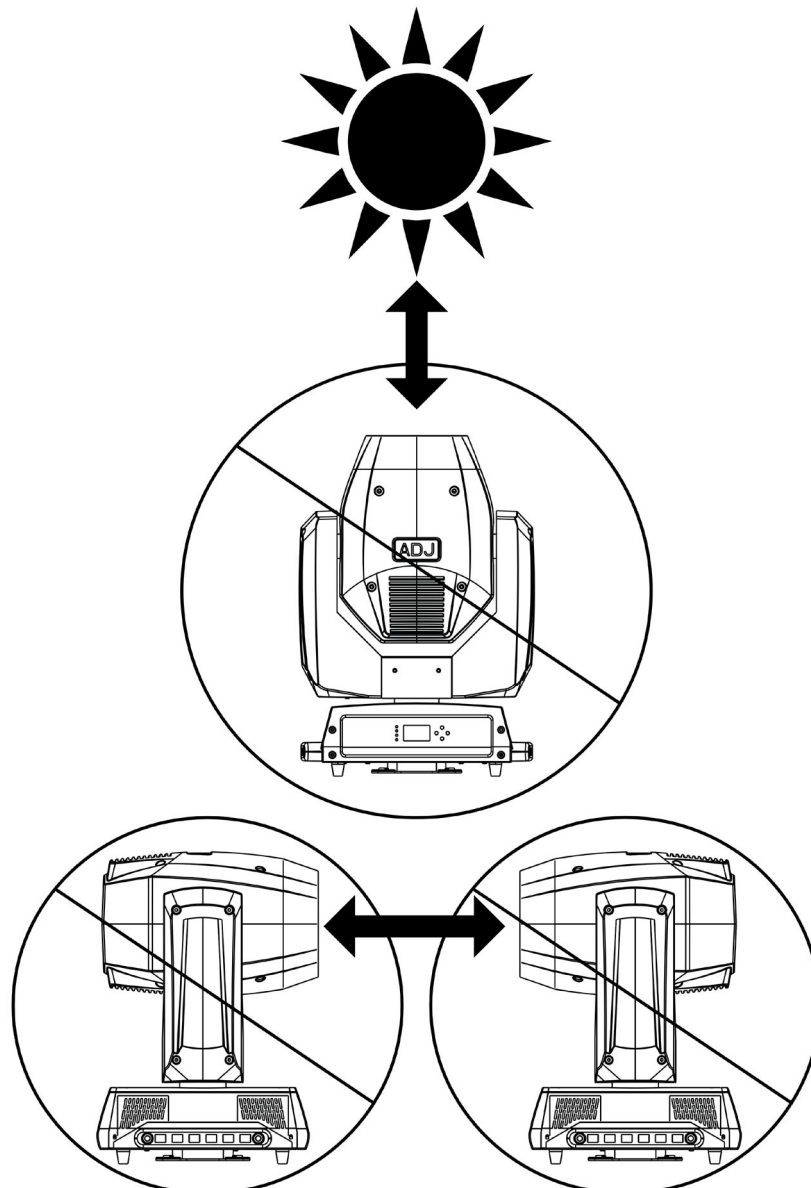
SAFETY GUIDELINES

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

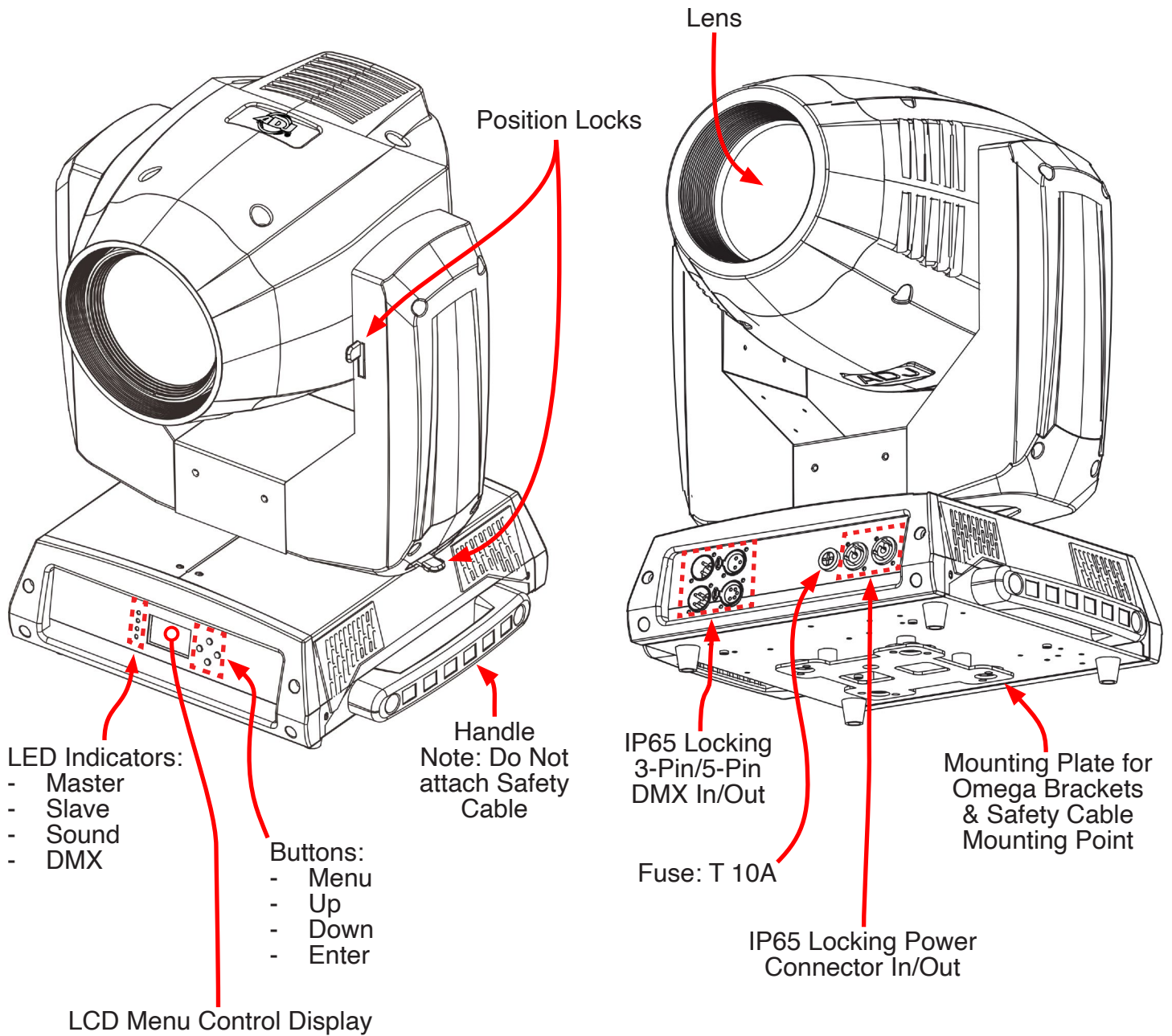
External sources of light beams from direct sunlight, lighting moving head fixtures, and lasers, which are focused directly towards the exterior housing and/or penetrate the front lens opening of ADJ lighting fixtures, can cause severe internal damage including burning to optics, dichroic color filters, glass and metal gobos, prisms, animation wheels, frost filters, iris, shutters, motors, belts, wiring, discharge lamps, and LEDs.

This issue is not specific only to ADJ lighting fixtures, it is a common issue with lighting fixtures from all manufacturers. Although there is no true way to fully prevent this issue from happening, the guidelines below can prevent any potential damage from occurring if followed. Contact ADJ Service for more details.

DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING MOVING HEAD FIXTURES, AND LASERS WHILE UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS.
DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.



OVERVIEW



COLOR WHEELS

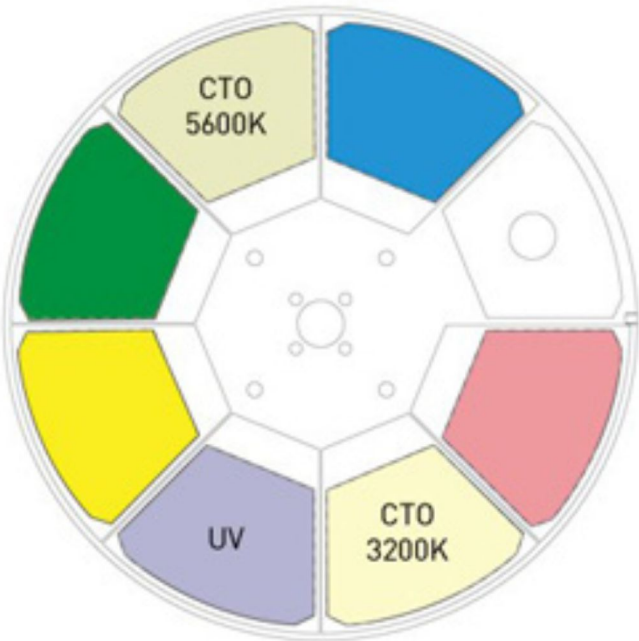
COLOR WHEEL 1

WHITE	RED	BLUE	LIGHT GREEN	YELLOW	ORANGE	MAGENTA	LIGHT BLUE
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COLOR WHEEL 2

WHITE	PINK	CTO 3200K	UV PURPLE	YELLOW	GREEN	CTO 5600K	CYAN
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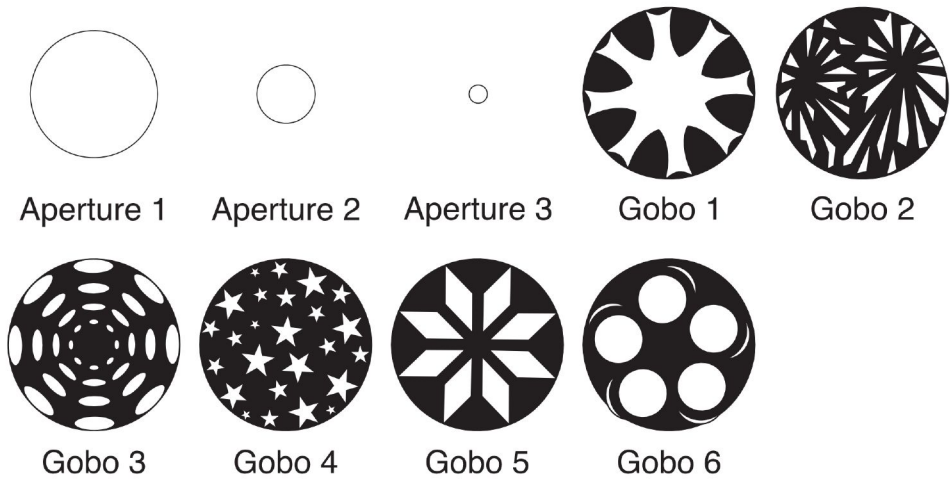


GOBO WHEELS

GOBO WHEEL 1



GOBO WHEEL 2



GOBO REPLACEMENT

The glass gobo's are the only gobo's that are interchangeable in this unit. Remember when changing these gobo's they are glass. This process must be done carefully so as not to break the gobo.

Note: There is one metal gobo in this wheel which is also interchangeable.

Caution! Never open the unit when in use. Always disconnect the main power before attempting to change the gobos.

Locating the Gobo wheel: After disconnecting the main power, position the head with the lens facing forward. Look through lens of the unit. When looking through the front lens, position the head so that the gears are on the right side. When the gears are on the right side, the shell that needs to be unscrewed is now facing up.

1. To change a gobo, unscrew the 4 screws that secure the shell to the unit. The shell is attached to the unit by a safety wire, gently lift the shell off of the unit.
2. When you remove the shell you will be able to access the gobo wheel. Turn the wheel with your hand until you come across the gobo you would like to change.
3. You have to remove the individual gobo frames. Gently push the gobo frame (Not the wheel) away from the gobo wheel, you do not have to push the gobo frame to far. While you are pushing the gobo frame away from the wheel, pull the gobo frame up and out.
4. Once the gobo frame has been removed, you will notice that high temperature silicon is applied to the retainer ring. Using a small flat head screw driver, very gently scrape away the silicon to release the retainer ring. After the retainer ring is removed, remove the gobo.
5. Change the gobo and replace the retainer ring. Reapply high temperature silicon or high temperature gasket sealer to the same areas on the retainer ring.
6. Insert the gobo frame back into the unit, positioning it in same way as the other gobo frames.
7. Reassemble the unit.

FIXTURE INSTALLATION



FLAMMABLE MATERIAL WARNING

Keep fixture at least 7.9in. (0.2m) away from any flammable materials, decorations, pyrotechnics, etc.



ELECTRICAL CONNECTIONS

A qualified electrician should be used for all electrical connections and/or installations.



MINIMUM DISTANCE TO OBJECTS/SURFACES MUST BE 40 FEET (12 METERS)



MAXIMUM TEMPERATURE OF EXTERNAL SURFACE 167°F (75°C)

DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!

Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations. Before rigging/mounting the fixture to any metal truss/structure or placing the fixture on any surface, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture, clamps, cables, and accessories.

Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable that meets all local, national, and country codes and regulations.

Fixture ambient operating temperature range is **-4°F to 104°F. (-20°C to 40°C)** Do not use this fixture outside this temperature range.

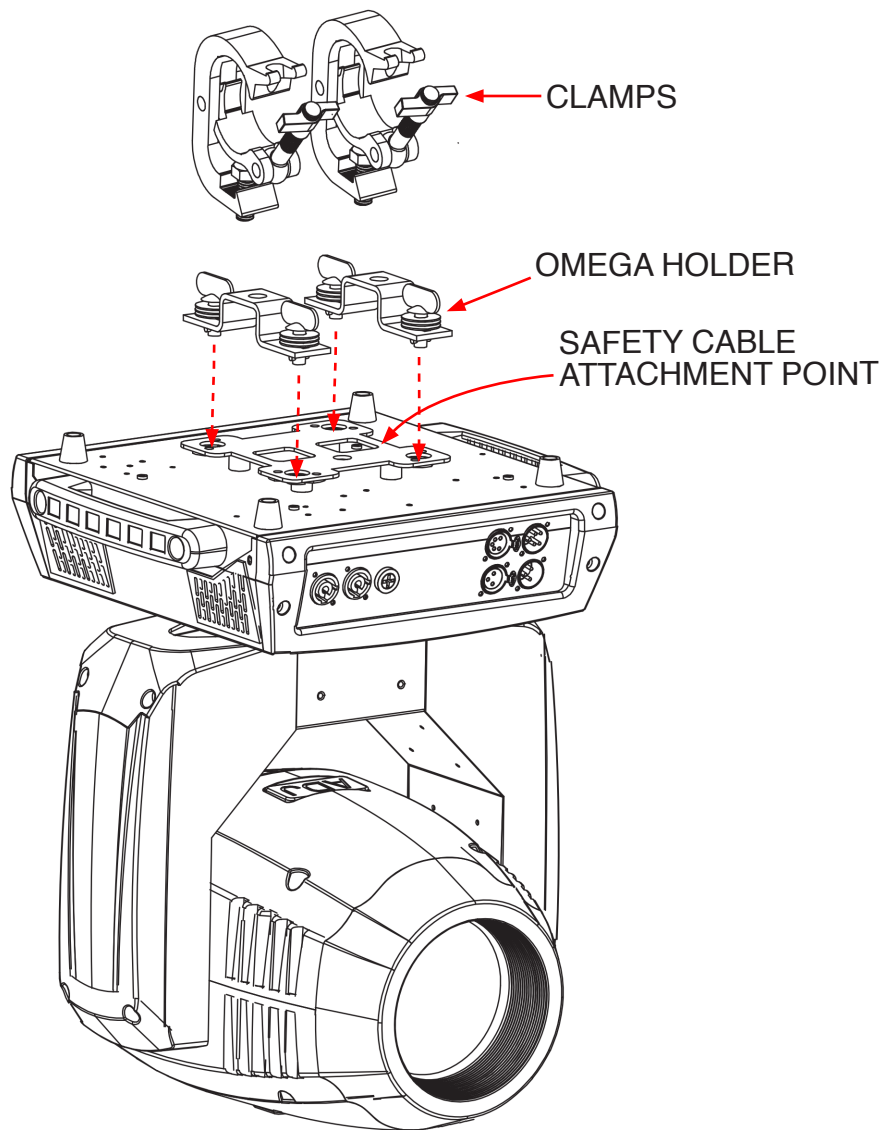
Fixture should be installed in areas outside walking paths, seating areas, or away from areas where unauthorized personnel might reach the fixture by hand.

NEVER stand directly below the fixture when rigging, removing, or servicing.

Allow approximately 15-minutes for the fixture to cool down before servicing.

FIXTURE INSTALLATION

NOTICE: The suitable environmental temperature for this lighting fixture is between -25° C to 45° C. Do not place this lighting fixture in an environment where the temperatures are under or above the temperatures stated above. This will allow the fixture to run at its best and help prolong the fixture life.



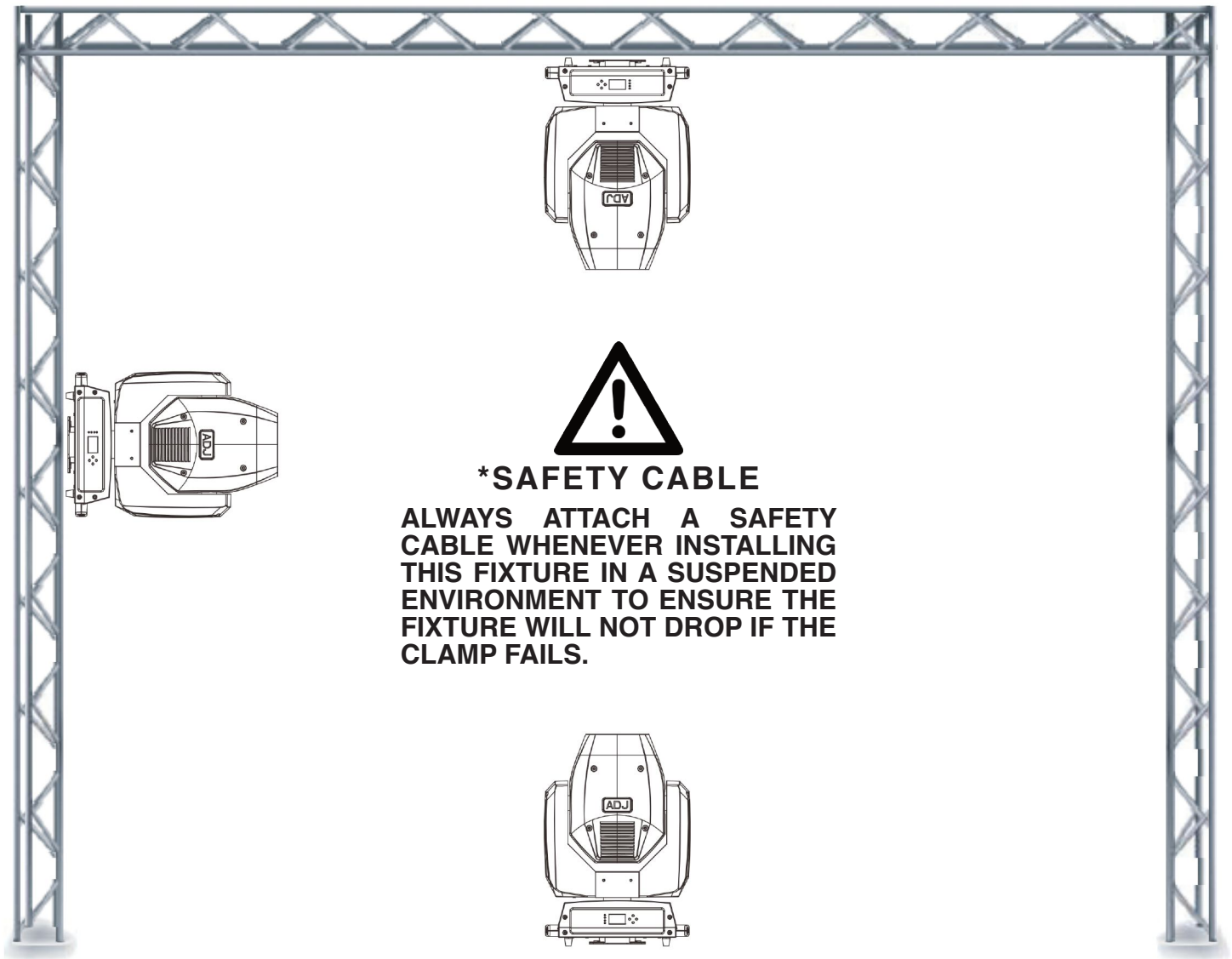
Screw one clamp via a M12 screw and nut into each Omega Holder. Insert the quick-lock fasteners of the Omega Holder into the respective holes of the adjustable mounting bracket. Tighten the quick-lock fasteners fully clockwise. Pull the safety-cable through the opening located on the bottom of the unit and over the trussing system or a safe fixation spot. Insert the end in the carabiner and tighten the safety screw.

FIXTURE INSTALLATION

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attachment, e.g. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

These installations should be checked by a skilled person once a year.



The Vizi BSW 300 is fully operational in three different mounting positions, hanging upside-down, mounted sideways on trussing, or set on a flat level surface. Be sure this fixture is kept at least 0.2m (7.9in.) away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails (see next page). Never use the carrying handles for secondary attachment.

DMX SETUP

DMX-512: DMX is short for Digital Multiplex. This is a universal protocol used 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. 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.

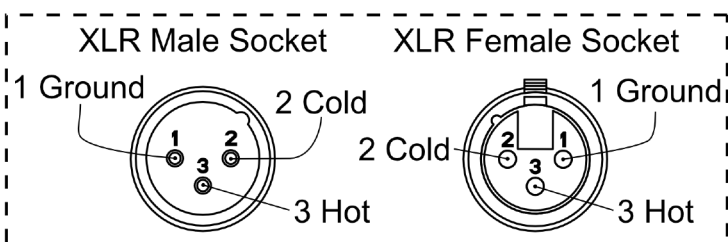
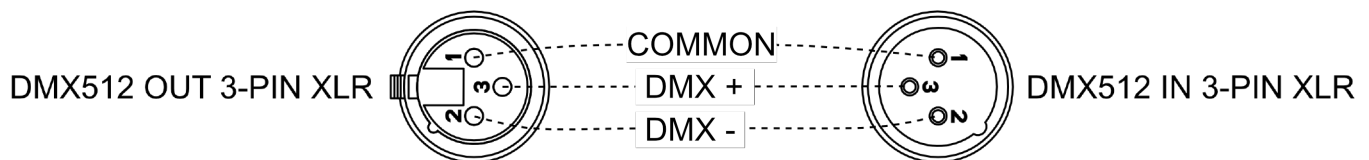
Data Cable (DMX Cable) Requirements (For DMX and Master/Slave Operation):

The Vizi BSW 300 can be controlled via DMX-512 protocol. The Vizi BSW 300 has 2 DMX channel modes; 17 channel mode, and 20 channel mode. The DMX address is set electronically using the controls on the front 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. 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 XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.

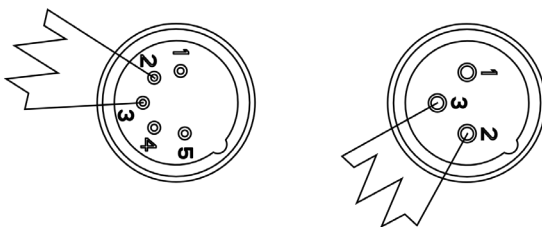


Notice: Be sure to follow figures two and three when making your own cables.

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.



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



A DMX512 terminator reduces signal errors, avoiding most signal reflection interference. Connect PIN 2 (DMX-) and PIN 3 (DMX+) of the last fixture in series with a 120 Ohm, 1/4 W Resistor to terminate the DMX512.

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.

DMX SETUP

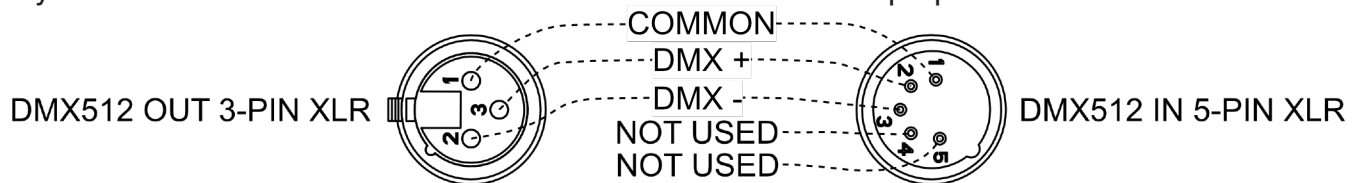
DMX ADDRESSING: All fixtures should be given a DMX starting address when using a DMX controller, so the correct fixture responds to the correct control signal. This digital starting address is the channel number from which the fixture starts to “listen” to the digital control signal sent out from the DMX controller. The assignment of this starting DMX address is achieved by setting the correct DMX address on the digital control display on the fixture.

You can set the same starting address for all fixtures or a group of fixtures, or set different addresses for each individual fixture. Setting all fixtures to the same DMX address will cause all fixtures to react in the same way, in other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set each fixture to a different DMX address, each unit will start to “listen” to the channel number you have set, based on the quantity of DMX channels of each fixture. That means changing the settings of one channel will only affect the selected fixture. In the case of the Vizi BSW 300, when in 17 Channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 18 (1 + 17), the third unit to 35 (18 + 17), and so on.

Channel Mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
17 Channels	1	18	35	52
20 Channels	1	21	41	61

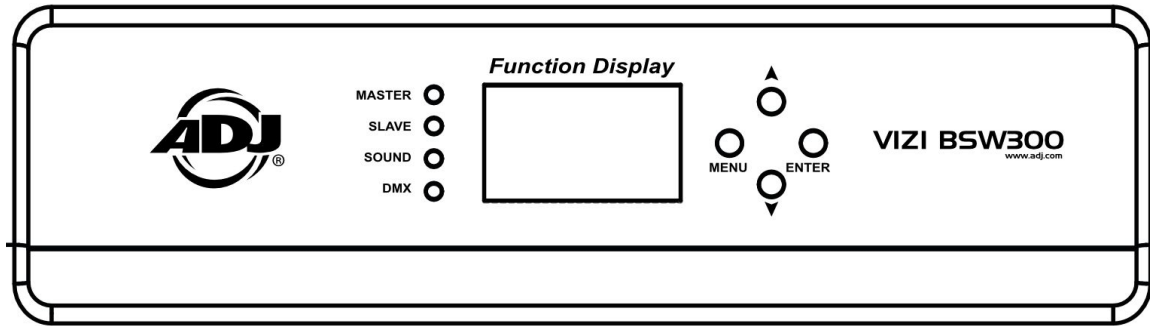
5-PIN XLR DMX CONNECTORS: Some manufactures use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables in to a 3-pin line a cable adapter must be used, these adapters are readily available at most electric stores. The chart below details a proper cable conversion.



3-Pin XLR to 5-Pin XLR Conversion		
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

SYSTEM MENU

The fixture includes an easy to navigate system menu display where all necessary settings and adjustments are made. Turn the unit on, press the **MENU** button to access the menu mode, and press the **UP/DOWN** arrow buttons until the required function is displayed on the monitor. Select the function by pressing the **ENTER** button. Use the **UP/DOWN** arrow button to navigate the submenu, then press the **ENTER** button to store selection, and automatically return to the last menu. To exit the menu mode, press the **MENU** button, or let the unit idle 30 seconds. The screen will automatically lock, and can be unlocked by pressing the **MENU** button for at least 10-seconds.



SYSTEM MENU

Menu	Submenu	Options	Description
DMX Functions	DMX Address	1 ... 512	
	DMX Channel Mode	mode 1(17)	
		mode 2(20)	
	DMX State	Master/Slave	
		Blackout	
		Last State	
Show Setting	Show Mode	Show 0 ... Show 4	
	Slave Mode	Master	
		Slave 1	
		Slave 2	
	Sound Mode	On	
		Off	
	Sound Sense	0 ... 100	
Fixture Setting	Pan Invert	Yes/No	
	Tilt Invert	Yes/No	
	P/T Feedback	Yes/No	
	Dimmer Mode	Yes/No	
Display Settings	Display Invert	Yes/No	
	Blacklight Intensity	1~10	
	Contrast Ratio	0~30	
	Temperature Unit	°C/°F	
	Display Warning	Yes/No	
Fixture Test	Auto Test		
	Manual Test	Channel Value	
Fixture Information	Fixture Use Time	1-9999	
	Firmware Version		
Reset Functions	Pan & Tilt	Yes/No	
	Effect	Yes/No	
	All	Yes/No	
Special Functions	Factory Setting	Yes/No	

SYSTEM MENU

System Menu: When making adjustments press **ENTER** to confirm your setup then press and hold the **MENU** button for at least 3 seconds. To exit without making any adjustments press the **MENU** button. The display will lock after 30 seconds, press the **MENU** button for 3 seconds to unlock.

DMX SETTINGS -

DMX Address - With this function, you can adjust the desired DMX- address via the Control Board.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**DMX Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**DMX Address**” is displayed, and press **ENTER**. The current DMX address will now be displayed.
3. Use the **UP** or **DOWN** buttons to adjust the DMX address.
4. Press **ENTER** to confirm or press **MENU** button to return to the main menu.

DMX Channel Mode - With this function, you can select your desired DMX channel mode.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**DMX Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**DMX Channel Mode**” is displayed, and press **ENTER**. The current DMX channel mode will now be displayed.
3. Press the **MENU** button to return to the main menu.

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

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**DMX Setting**” is highlighted, then press **ENTER**.
 2. Press the **UP** or **DOWN** buttons until “**DMX State**” is displayed, and press **ENTER**. Use the **UP** and **DOWN** buttons to switch between the two modes; Blackout or Hold. Press the **ENTER** button to make your selection.
- **LAST STATE** - If the DMX signal is lost the fixture will stay in the last DMX setting. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
 - **BLACKOUT** - If the DMX signal is lost or interrupted, the unit will automatically go into stand by mode.
 - **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.
3. Press the **MENU** button to return to the main menu.

SHOW SETTINGS -

Show Mode - Select a desired preset show to run.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Show Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Show Mode**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to find your desired show. Shows 1-4 are factory shows, while Show 0 is a random show.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Slave Mode - Use this mode to set the unit as a “**Master**”, “**Slave 1**” or “**Slave 2**”

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Show Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Slave Mode**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to find your desired setting. Selecting “**Slave 2**” will give the unit contrast movement to the “**Master**”:
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

SYSTEM MENU

Sound Mode - In this menu you can activate sound active mode.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Show Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Sound Mode**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to switch between “**OFF**” or “**ON**”. To activate sound active mode select “**ON**”, to deactivate select “**OFF**”.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Sound Sense - In this menu you can adjust the sound sensitivity.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Show Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Sound Sense**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to adjust the sensitivity between 0-100. “**0**” being the least sensitive, and 100 being the most sensitive.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

FIXTURE SETTINGS -

Pan Invert - With this function, you can reverse the Pan movement.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Pan Invert**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to switch between “**YES**” and “**NO**”. Selecting “**YES**” will activate pan inverse, “**NO**” will deactivate the function.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Tilt Invert - With this function, you can reverse the Tilt movement.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Tilt Invert**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to switch between “**YES**” and “**NO**”. Selecting “**YES**” will activate tilt inverse, “**NO**” will deactivate the function.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

P/T Feedback - With this function, you have the pan and tilts position feedback while out of step or not feedback while out of step.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**P/T Feedback**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to switch between “**YES**” and “**NO**”. Selecting “**YES**” will activate feedback, “**NO**” will deactivate the function.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Dimmer Mode - With this function, you can select your desired dimmer curve.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Dimmer Mode**” is displayed, and press **ENTER**. The current curve setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to scroll through the different dimmer curves.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

SYSTEM MENU

DISPLAY SETTINGS -

Display Invert - With this function, you can “flip” the display 180 degrees.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Display Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Display Invert**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to switch between “**No**” or “**Yes**”. Selecting “**Yes**” will “flip” the display, “**No**” will return the display to normal.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Backlight Intensity - With this function, you can adjust the intensity of the display backlight.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Display Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Backlight Intensity**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to to adjust the intensity between 1-10. 1 is the lowest intensity, 10 the brightest.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Contrast Ratio - With this function, you can adjust the contrast ratio of the display.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Display Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Contrast Ratio**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to to adjust the intensity between 0-30. 0 is the lowest intensity, 30 the brightest.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Temperature Unit - With this function, you can switch the temperature setting between Celsius or Fahrenheit.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Display Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Temperature Unit**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to switch between °C or °F.
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Display Warning - With this function, you can make the unit display any service warnings or errors.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Display Setting**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Display Warning**” is displayed, and press **ENTER**. The current setting will now be displayed.
3. Use the **UP** or **DOWN** buttons to switch between “**NO**” (normal display) or “**YES**” (show service warnings in display).
4. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

FIXTURE TEST -

Auto Test - With this function, you can run an Auto Test.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Test**” is highlighted, then press **ENTER**.
2. Use the **UP** or **DOWN** buttons to highlight “**Auto Test**”.
3. Press **ENTER** to confirm your selection or press the **MENU** button to return to the main menu.

Manual Test - With this function you can run a Manual Test.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Test**” is highlighted, then press **ENTER**.
2. Use the **UP** or **DOWN** buttons to highlight “**Manual Test**”. Press **ENTER** to select and use the **UP** or **DOWN** buttons to change the channel value.
3. Press the **MENU** button to return to the main menu.

SYSTEM MENU

FIXTURE INFORMATION -

Fixture Use Time - With this function, you can check the fixture running time.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Information**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Fixture Use Time**” is displayed, and press **ENTER**. The fixture running time will now be displayed.
3. Press the **MENU** button to return to the main menu.

Firmware Version - With this function, you can check the current firmware version.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Fixture Information**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Firmware Version**” is displayed, and press **ENTER**. The current firmware version will now be displayed.
3. Press the **MENU** button to return to the main menu.

RESET FUNCTION -

Pan & Tilt - With this function, you can reset the pan & tilt motors.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Reset Function**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Pan & Tilt**” is displayed, and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**No**” or “**Yes**”. To reset the pan & tilt motors, select “**Yes**” and press **ENTER**.

Effect - With this function, you can reset the effect motors.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Reset Function**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**Effect**” is displayed, and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**No**” or “**Yes**”. To reset the effects motors, select “**Yes**” and press **ENTER**.

All - With this function, you can reset all of the motors.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Reset Function**” is highlighted, then press **ENTER**.
2. Press the **UP** or **DOWN** buttons until “**All**” is displayed, and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to switch between “**No**” or “**Yes**”. To reset all of the motors, select “**Yes**” and press **ENTER**.

SPECIAL FUNCTIONS -

Special Functions - Within this menu, you can reset the fixture to the original factory settings.

1. Access the main menu, and press the **UP** or **DOWN** buttons so that “**Special Functions**” is highlighted, then press **ENTER**.
2. “**Factory Setting**” will now be displayed, and press **ENTER**.
3. To reset the fixture to factory settings, use the **UP** or **DOWN** buttons to “**Yes**” and press **ENTER**. If you do not wish to reset to factory settings, highlight “**No**” and press **ENTER**.

OFFSET MENU

Menu	Submenu	Options	
Offset Menu	Pan	-128 ... 127	
	Tilt		
	Color1		
	Color2		
	Gobo1		
	R-Gobo1		
	Gobo2		
	Prism		
	Prism2		
	R-Prism		
	Angle/Frost		
	Focus		

To enter the Offset Menu, press the **ENTER** button for at least 3 seconds. In this submenu you are able to adjust the home position of the pan, tilt, shutter, color wheel, both gobo wheel's, RGobo (Rotating) wheel, prism, R (Rotating) Prism, and focus position.

Pan - Adjustment of the pan home position.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that "**Pan**" is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

TILT - Adjustment of the tilt home position.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that "**Tilt**" is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

Color1 - Setting adjustment for color wheel 1.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that "**Color1**" is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

Color2 - Setting adjustment for color wheel 2.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that "**Color2**" is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

Gobo1 - Setting adjustment for gobo wheel 1 (glass gobo wheel).

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that "**Gobo1**" is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

R-Gobo1 - Setting adjustment for the gobo wheel 1 (glass gobo wheel).

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that "**R-Gobo1**" is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

OFFSET MENU

Gobo2 - Setting adjustment for gobo wheel 2.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that “Gobo2” is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

Prism - Setting adjustment for the 1st prism.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that “Prism” is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

Prism2 - Setting adjustment for the 2nd prism.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that “Prism2” is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

R-Prism - Setting adjustment for the rotating prism.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that “R-Prsim” is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

Angle/Frost - Setting adjustment for the frost filter.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that “Angle/Frost” is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

Focus - Setting adjustment for the focus.

1. Press the **ENTER** button for at least 3 seconds, then press the **UP** or **DOWN** buttons so that “Focus” is displayed, press **ENTER**.
2. Use the **UP** and **DOWN** buttons to make your adjustments, and then press **ENTER** to confirm. Press the **MENU** button for one second to exit.

ERROR CODES

If any of these warning's appear and you are not certain on what form of action needs to be taken, please contact ADJ customer support for more information.

Temp. Sense Error

This will appear when the temperature check board is damaged.

CPU-8 Error, CPU-C Error, CPU-D Error

This will appear when the PC board or wires are damaged.

Memory Initial Fail

This will appear when the memory IC is damaged.

Temperature Sense Error

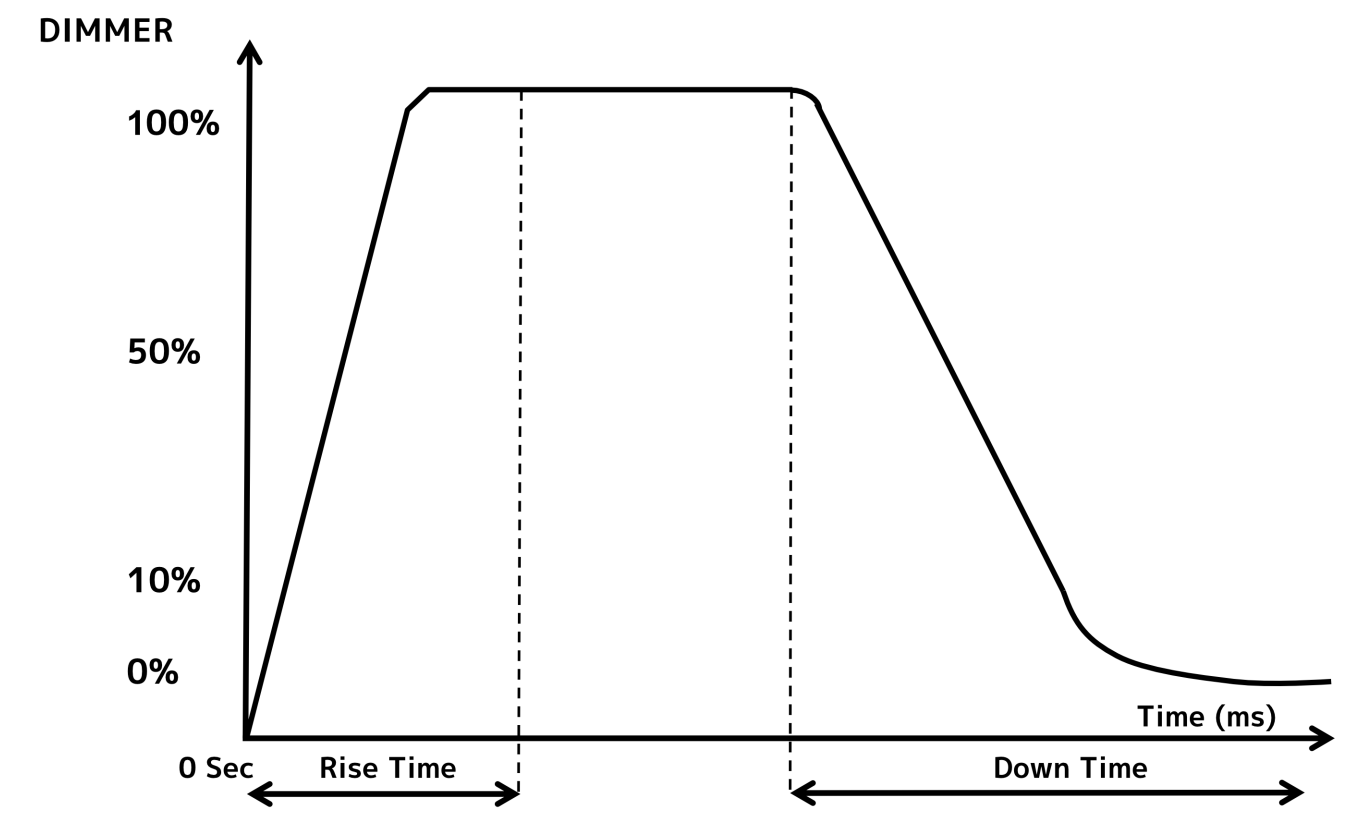
This will appear when the temperature check board is damaged.

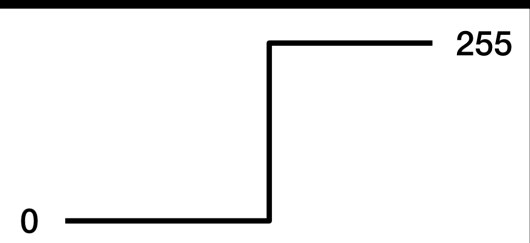
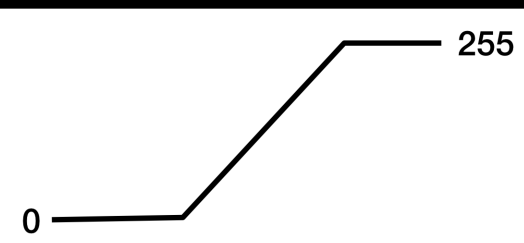
Random Error Messages

Pan Reset Error, Pan Encode Error, Tilt Reset Error, Tilt Encode Error, Shutter Reset Fail, Dimmer Reset Fail, Color Reset Fail, Gobo Reset Fail, R-Gobo1 Reset Fail, Gobo2 Reset Fail, Prism Reset Fail, R-Prism Reset Fail, Prism2 Reset Fail, Focus Reset Fail, Angle/Frost Reset Fail.

These Error messages may appear when turning on or resetting the unit. Please contact ADJ customer support.

DIMMER CURVE CHART

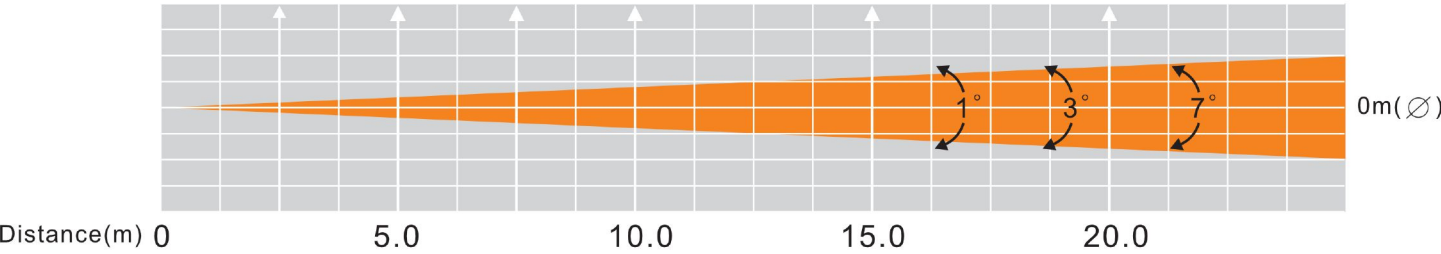


Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
				
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

PHOTOMETRIC CHARTS

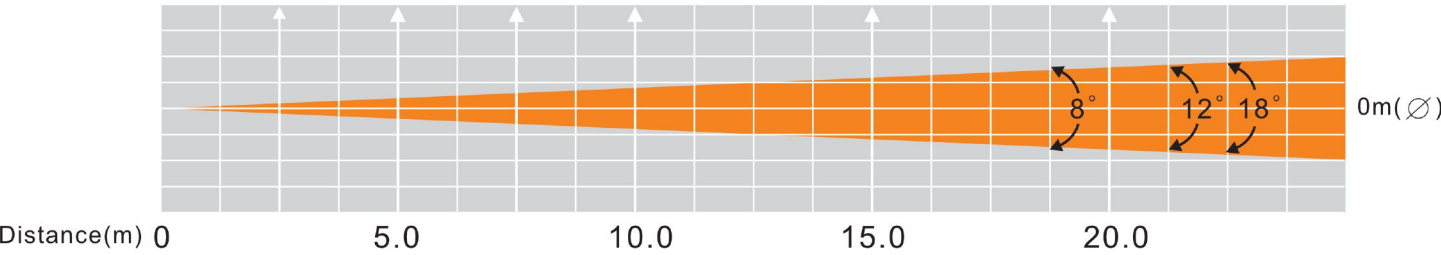
BEAM Mode

1°LUX	21560	5274	2318	1236
3°LUX	21160	5074	2250	1220
7°LUX	18660	4508	2020	1088



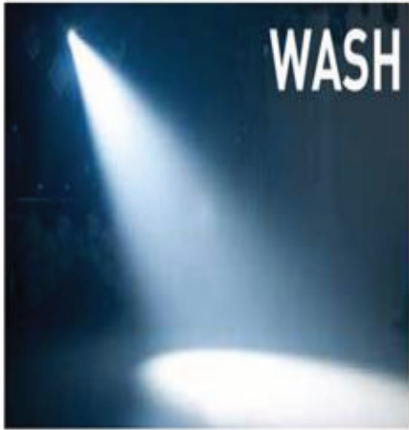
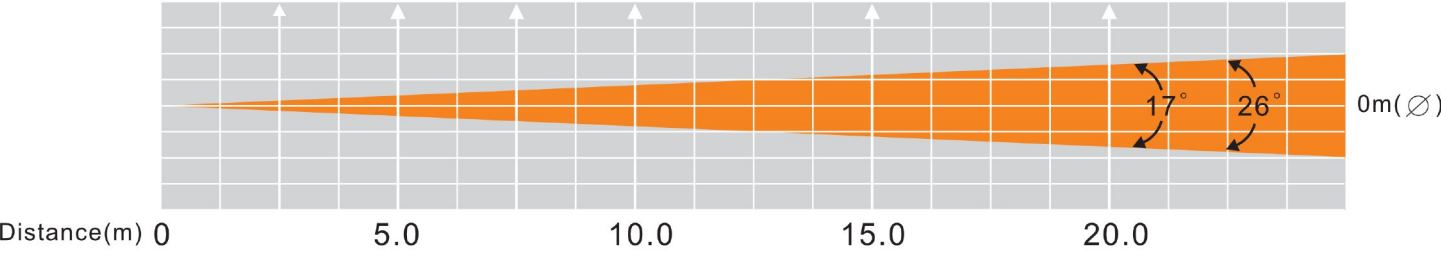
SPOT Mode

8°LUX	22380	5428	2420	1319
12°LUX	10280	2575	1127	646
18°LUX	5880	1408	660	370



WASH Mode

17°LUX	9424	2311	1100	646
26°LUX	4270	1095	558	377



DMX TRAITS: CHANNEL FUNCTIONS & VALUES

17 Channels	20 Channels	Values	Functions
1	1	000-255	PAN MOVEMENT 8-BIT:
	2	000-255	PAN FINE 16-BIT:
2	3	000-255	TILT MOVEMENT 8-BIT:
	4	000-255	TILT FINE 16-BIT:
3	5		COLOR WHEEL1
		0-7	WHITE
		8-15	RED
		16-23	BLUE
		24-31	LIGHT GREEN
		32-39	YELLOW
		40-47	ORANGE
		48-55	MAGENTA
		56-64	LIGHT BLUE
		65-127	COLOR INDEXING
		128-189	CLOCKWISE ROTATION FAST - SLOW
		190-193	STOP
		194-255	COUNTER-CLOCKWISE ROTATION SLOW - FAST
4	6		COLOR WHEEL 2
		0-7	WHITE
		8-15	PINK
		16-23	CTO 3200K
		24-31	UV PURPLE
		32-39	YELLOW
		40-47	GREEN
		48-55	CTO 5600K
		56-64	CYAN
		65-127	COLOR INDEXING
		128-189	CLOCKWISE ROTATION FAST - SLOW
		190-193	STOP
		194-255	COUNTER-CLOCKWISE ROTATION SLOW - FAST
5	7		GOBO WHEEL 1 (GLASS GOBOS)
		0-10	OPEN
		11-21	GOBO 1
		22-32	GOBO 2
		33-43	GOBO 3
		44-54	GOBO 4
		55-65	GOBO 5
		66-76	GOBO 6
		77-87	GOBO 7
		88-092	Open
		093-097	GOBO 1 SHAKE
		098-102	GOBO 2 SHAKE
		103-107	GOBO 3 SHAKE
		108-112	GOBO 4 SHAKE
		113-117	GOBO 5 SHAKE
		118-122	GOBO 6 SHAKE
		123-127	GOBO 7 SHAKE
		128-189	CLOCKWISE ROTATION FAST - SLOW
		190-193	NO ROTATION
		194-255	COUNTER-CLOCKWISE ROTATION SLOW - FAST
6	8		GOBO WHEEL 1 GOBO ROTATION
		88-127	INDEXING
		128-189	CLOCKWISE ROTATION FAST - SLOW
		190-193	NO ROTATION
		194-255	COUNTER-CLOCKWISE ROTATION SLOW - FAST

17 Channels	20 Channels	Values	Functions
7	9		GOBO WHEEL 2
		0-6	OPEN
		7-13	APERTURE 1
		14-20	APERTURE 2
		21-27	APERTURE 3
		28-34	GOBO 1
		35-41	GOBO 2
		42-48	GOBO 3
		49-55	GOBO 4
		56-62	GOBO 5
		63-69	GOBO 6
		70-83	OPEN
		84-087	APERTURE 1 SHAKE
		088-092	APERTURE 2 SHAKE
		093-097	APERTURE 3 SHAKE
		098-102	GOBO 1 SHAKE
		103-107	GOBO 2 SHAKE
		108-112	GOBO 3 SHAKE
		113-117	GOBO 4 SHAKE
		118-122	GOBO 5 SHAKE
		123-127	GOBO 6 SHAKE
		128-189	COUNTER-CLOCKWISE ROTATION FAST - SLOW
		190-193	NO ROTATION
		194-255	CLOCKWISE ROTATION SLOW - FAST
8	10		SHUTTER & STROBE
		0-7	SHUTTER CLOSED
		8-15	SHUTTER OPEN
		16-131	STROBING SLOW - FAST
		132-167	SLOW OPEN - FAST CLOSE
		168-203	FAST OPEN - SLOW CLOSE
		204-239	SLOW OPEN - SLOW CLOSE
		240-247	RANDOM STROBE
		248-255	OPEN
9	11	0-255	MASTER DIMMER 0%-100%
	12	0-255	DIMMER FINE 0%-100%
10	13		PRISM (6 FACET)
		0-7	NO PRISM EFFECT
		8-127	LINEAR PRISM EFFECT
		128-255	CIRCULAR PRISM EFFECT
11	14		PRISM ROTATION
		0-127	INDEXING
		128-189	CLOCKWISE ROTATION FAST - SLOW
		190-193	NO ROTATION
12	15	194-255	COUNTER-CLOCKWISE ROTATION SLOW - FAST
			FROST
		0-7	OPEN
		8-127	APERTURE
13	16	128-255	WASH
			FOCUS
		0-255	NEAR - FAR

17 Channels	20 Channels	Values	Functions
14	17		SHOWS
		0	OFF
		1-21	SHOW 1
		22-41	SHOW 2
		42-61	SHOW 3
		62-81	SHOW 4
		82-255	SHOW 0
15	18		DIMMER CURVES
		0-20	STANDARD
		21-40	STAGE
		41-60	TV
		61-80	ARCHITECTURAL
		81-100	THEATRE
		101-255	DEFAULT TO UNIT SETTING
16	19	0-255	PAN/TILT SPEED FAST - SLOW
17	20		SPECIAL FUNCTIONS
		0-69	NO FUNCTION
		70-79	ENABLE BLACKOUT WITH PAN/TILT MOVEMENT
		80-89	DISABLE BLACKOUT WITH PAN/TILT MOVEMENT
		90-99	ENABLE BLACKOUT WITH COLOR CHANGE
		100-109	DISABLE BLACKOUT WITH COLOR CHANGE
		110-119	ENABLE BLACKOUT WITH GOBO CHANGE
		120-139	PAN/TILT
		140-149	COLOR WHEEL RESET
		150-159	GOBO WHEEL RESET
		160-169	EFFECT RESET (PRISM, FOCUS, & FROST)
		170-199	NO FUNCTION
		200-209	RESET ALL MOTORS
		210-249	NO FUNCTION
		250-255	SOUND ACTIVE

ERROR CODES

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These Error messages may appear when turning on or resetting the unit. Please contact ADJ customer support.

POWER LINKING

With this feature you can connect the fixtures to each other using the power cable input and output sockets. A maximum of 4 fixtures can be connected at 110V, and a maximum 8 fixtures can be connected at 240V. After the maximum limit has been reached, you will need to use a new power outlet.

NOTE: USE CAUTION WHEN POWER LINKING OTHER FIXTURES AS THE POWER CONSUMPTION OF OTHER MODEL FIXTURES MAY EXCEED THE MAX POWER OUTPUT ON THIS FIXTURE! CHECK SILK SCREEN FOR MAX AMPS.

FUSE REPLACEMENT

Disconnect the unit from its power source. The fuse holder is located next to the power connection socket. Using a Phillips head screw driver, unscrew the fuse holder. Remove the old fuse and replace with a shiny new 10A fuse.

CLEANING

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must 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).

TROUBLESHOOTING

Here are a few common problems that you may encounter along with their solutions.

Unit does not work, No light output, and the fan does not work:

1. Check the power connection and main fuse.
2. Be sure the fuse holder is completely and properly seated.

Not responding to DMX Control:

1. Check the DMX connectors/cables to see if they are linked properly.
2. If the DMX LED is on and no response to the channel, check the address settings and the DMX controller polarity.
3. Try using another DMX controller.
4. Check to see if the DMX cables run near or run alongside to high voltage cable. It may cause damage or interference to DMX interface circuit.

One of the channels is not working well:

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

Error Codes:

1. See previous page for Error warnings and contact ADJ customer service.

SPECIFICATIONS

Optical

- Light Source: 300W White LED
- Beam Angle: 8° to 17° (Spot Mode)
- •Beam Angle: 1° to 7° (Beam Mode)
- Beam Angle: 18° to 26° (Wash Mode) Frost Filter

Specifications

- Pan / Tilt Range: 540° / 240°
- Color Wheel 1: 7 + Open
- Color Wheel 2: 7+ Open (CTO 3200k), CTC (5600k), UV
- GOBO Wheel 1: 6 Fixed + Open (3 Beam Reducers Beam Mode)
- GOBO Wheel 2: 7 Rotating/Replaceable + Open (3 Glass, 4 Metal)
- Dimming: Electronic
- Shutter: Electronic
- Focus: Motorized
- Frost: 26° (Wash)
- Prism 1: Rotating 6-facet Circular
- Prism 2: Rotating 6-facet Linear Rotating
- PWM (Pulse Width Modulation): 1.2K
- Strobe Rate: 0.3-20HZ
- DB Rating @ 1Meter: Front: 50; Back: 50; Left: 53; Right: 54; Top:49
- Dimensions (LxWxH): 14.75" x 12.75" x 21.5" / 376 x 325 x 545mm
- Weight: 49 lbs. / 22 kg.

Connections

- Power Input: Power Connector
- Power Pass through: Locking Power Cable @120V or 220V

Control

- Control Channels: 17 or 20
- DMX Modes: 2
- Control: 3-pin and 5-pin DMX
- With Wired Digital Communication Network
- Pan / Tilt Correction: Automatic
- RDM (Remote Device Management)

Electrical

- Input Voltage: 100-240V 50Hz/60Hz (Auto Sensing)
- Power draw 120V 60Hz: 345W, 2.88 Amps
- Power draw 220V 50Hz: 345W, 1.57 Amps

Certifications

- ETL Approved
- CE
- IP 20: Dry area, No liquids



Intertek
4000358

What's Included

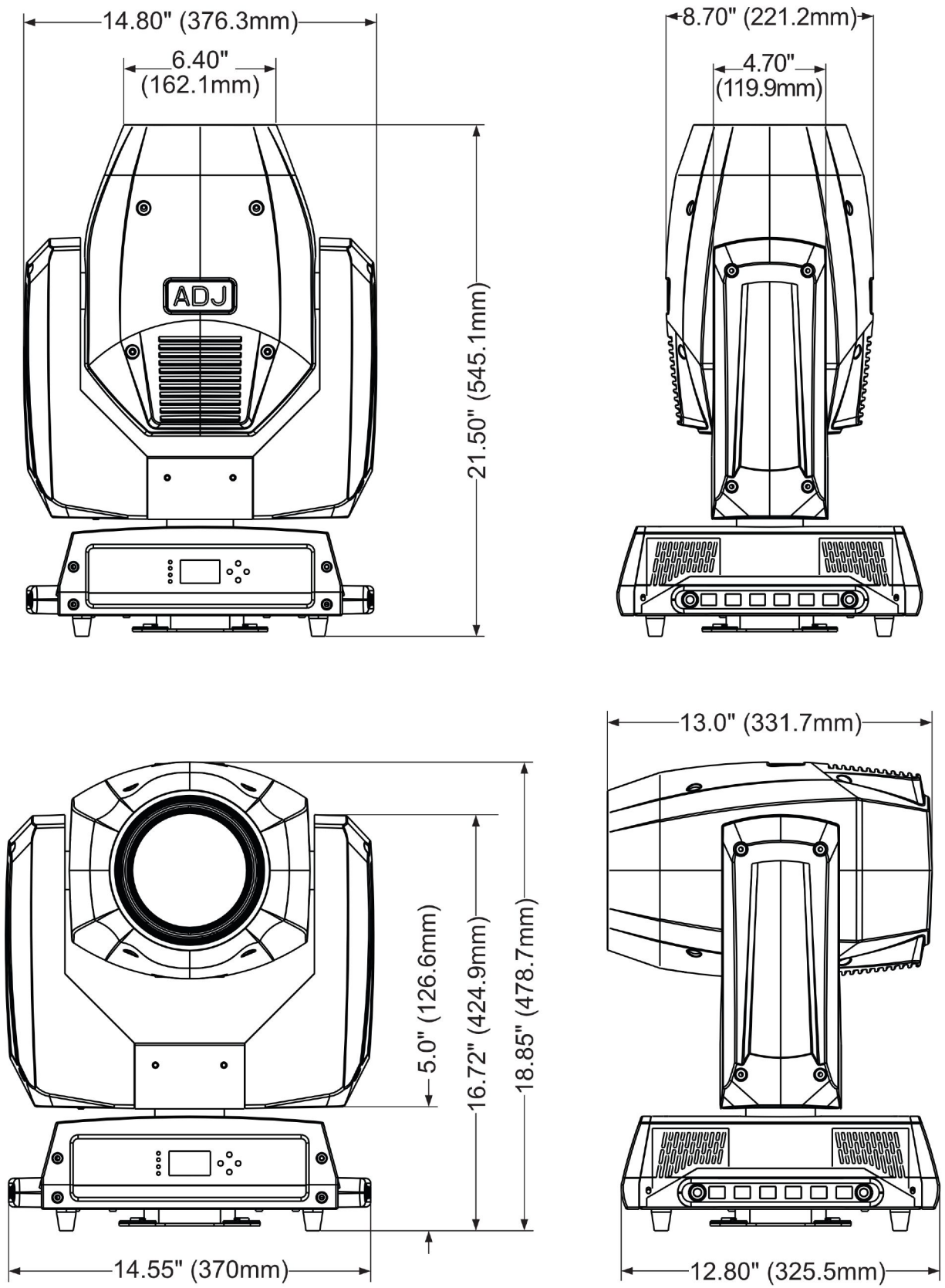
- Locking Power Cable- 6' to Edison
- Qty: 2 Omega Clamps
- Safety Cable
- Manual

Optional Accessories

- DRC 16 Road Case

Specifications subject to change without notice.

DIMENSIONS



FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC RADIO FREQUENCY INTERFERENCE WARNINGS & INSTRUCTIONS

This product has been tested and found to comply with the limits as per Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device uses and can radiate radio frequency energy and, if not installed and used in accordance with the included instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following methods:

- Reorient or relocate the device.
- Increase the separation between the device and the receiver.
- Connect the device to an electrical outlet on a circuit different from which the radio receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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



