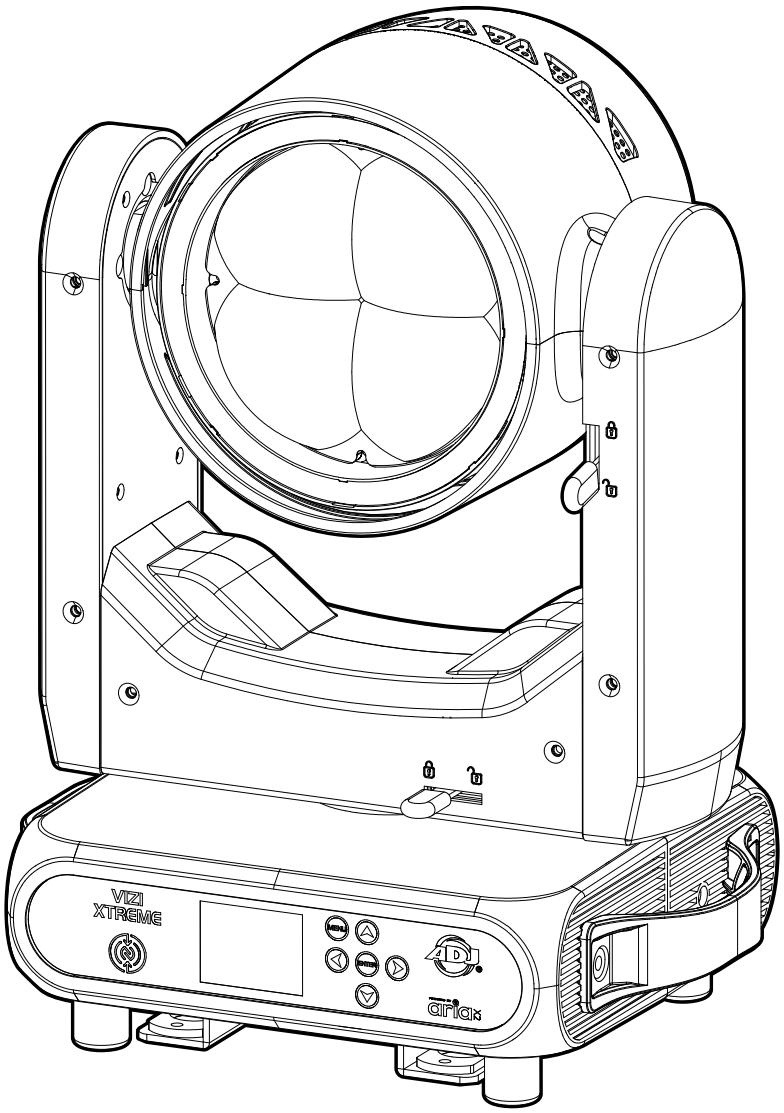


VIZI XTREME
User Instructions

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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 enviroment. 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 Channels	Notes
01/16/2026	1.0	V1.0.0	28/40/73/54/63	Initial Release
06/02/2026	1.1	N/C	No Change	Updated Clamp Mounting
10/14/2026	1.2	V1.01	No Change	Updated: Information, System Menu

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INFORMATION

INTRODUCTION

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

This product is intended for use by professionally trained personnel only, and is not suitable for private use.

Unpacking

Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device 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 device to your dealer without first contacting customer support. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

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 I support@adj.com

ADJ SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
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AV Santa Ana 30 Parque Industrial Lerma, Lerma, Mexico 52000
+52 (728) 282-7070

It is strongly recommended to power the fixture down completely when not in use. Doing so will reduce wear on the fixture due to sustained or extended operational periods, thereby maximizing its operational lifespan.

INFORMATION

PRODUCT REGISTRATION

For up-to-date warranty information regarding your device, please visit ADJ's warranty information page online or scan the QR codes below.

USA: https://www.adj.com/pages/warranty-information

EU: https://www.adj.eu/terms_and_conditions

PRODUCT REGISTRATION

To register your product, please visit the page below or scan the QR code.

USA: https://www.adj.com/pages/product-warranty-registration

FEATURES

- 4 × 60W RGBL main LEDs with individual pixel control
- 48 × 0.5W RGBW LED ring divided into 6 independent zones (8 LEDs per zone)
- Motorized zoom 3° – 45°
- Ultra-fast 3-phase motors with optional 360° continuous pan & tilt
- 1–10 Hz strobe
- Color temperature 2700 K – 10,000 K
- Seetronic IP65-rated locking power In/Thru sockets
- 5-pin XLR DMX In/Out + RJ45 etherCON (Art-Net/sACN)
- Integrated Aria X2 wireless DMX with NFC configuration & OTA updates
- Full-color 180° reversible LCD display with 6-button touch control
- DMX, RDM, Art-Net, sACN protocols
- Lightweight: 15.4 lbs (7 kg)
- CE, FCC, cETLus certified

SAFETY PRECAUTIONS



PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.



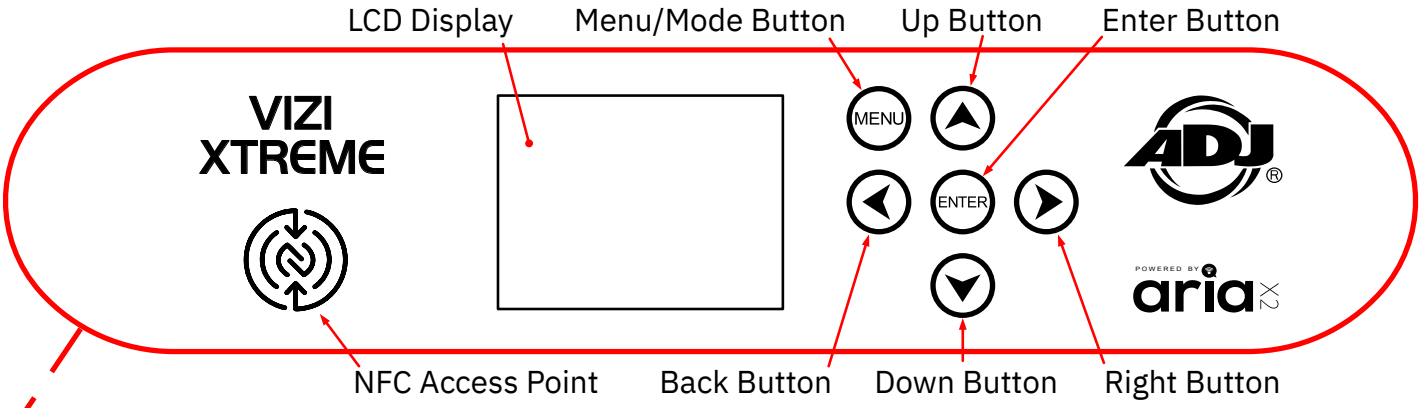
THERE ARE NO USER-SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF, AS DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY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

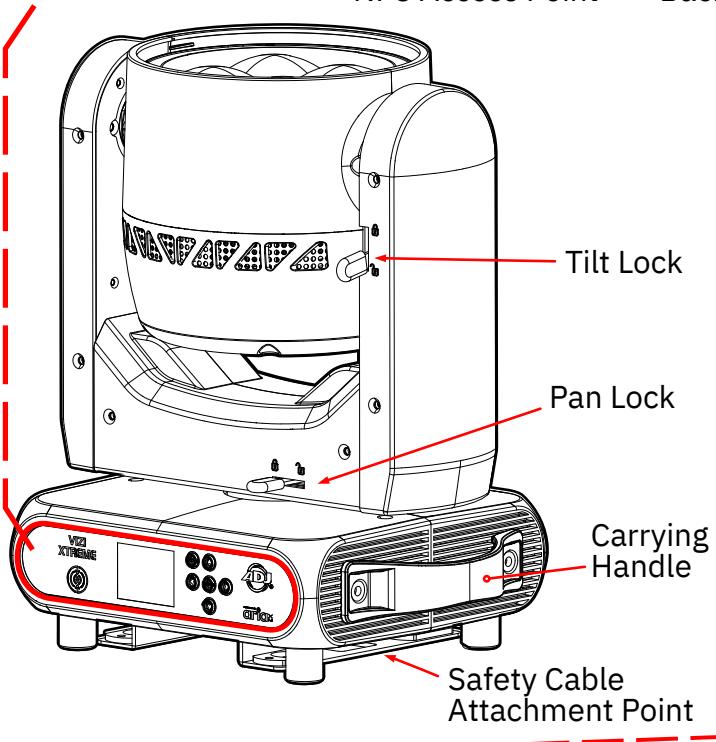


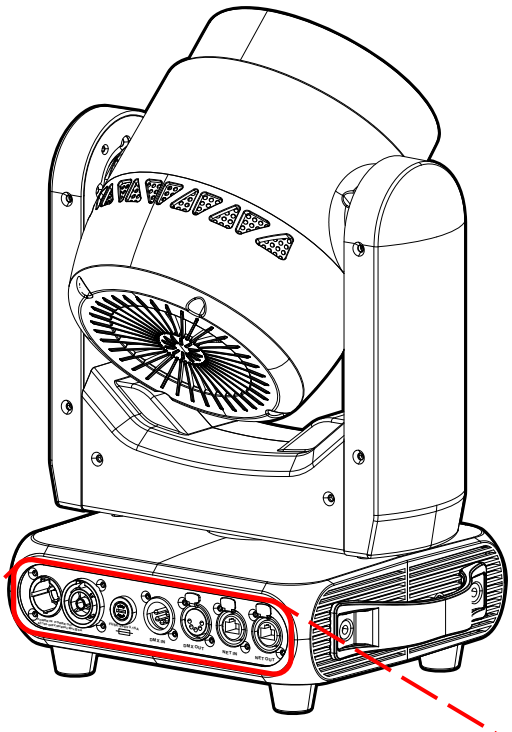
NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
RETINA INJURY RISK - MAY INDUCE BLINDNESS!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!

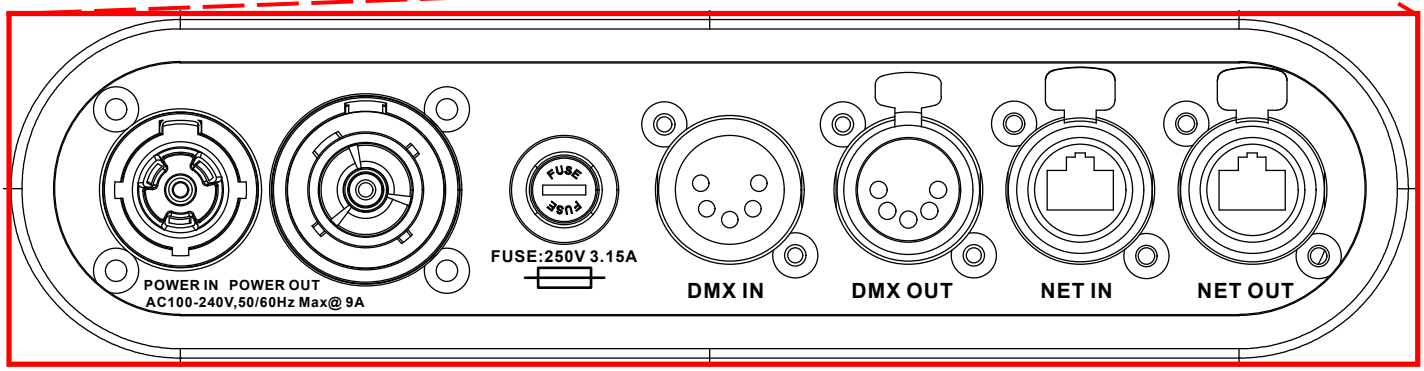
- **Ambient operating temperature is -13°F to 113°F (-25°C to 45°C)!**
- **DO NOT TOUCH** the fixture housing during operation. Disconnect the power and allow approximately 15 minutes for the fixture to cool down before servicing.
- **DO NOT** shake the fixture, and avoid brute force when installing and/or operating the fixture.
- **DO NOT** operate the fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace immediately with a new one of the same power rating.
- **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.
- **DO NOT** attempt to operate this unit if it has been damaged in any way.
- Disconnect from main power before making any type of connection.
- **DO NOT** block any air ventilation slots. All fan and air inlets must remain clean and never blocked. Allow approx. 12" (30cm) between fixture and other devices or a wall for proper cooling.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 12" (30cm) between this device and a wall.
- This device is intended for indoor use only! Outdoors usage voids all manufacturer's warranties.
- **DO NOT** remove the cover for any reason.
- When installing fixture in a suspended enviroment, always use mounting hardware that is no less than M10 x 25mm, and always install fixture with an appropriately rated safety cable.
- Never plug this unit in to a dimmer pack.
- During long periods of non-use, disconnect the unit's main power.
- 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 the point where they exit from the unit.
- Cleaning - The fixture should be cleaned only as recommended by the manufacturer.
- Heat - The appliance 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. The power-supply cord or the plug have been damaged.
  B. Objects have fallen onto, or liquids have been spilled into, the fixture.
  C. The fixture does not appear to operate normally or exhibits a marked change in performance.
  D. The fixture has fallen and/or has been subjected to extreme handling.

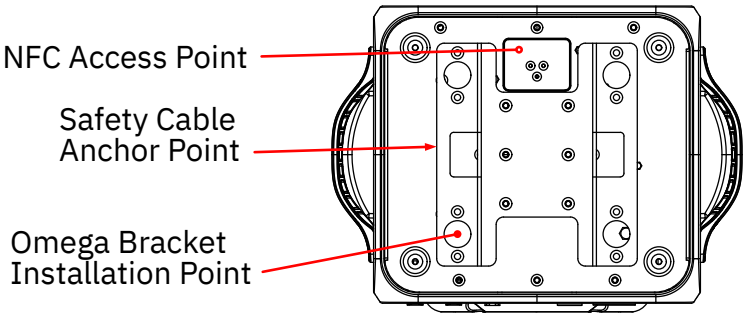
OVERVIEW


LCD Display
Menu/Mode Button
Up Button
Enter Button
VIZI XTREME
MENU
ENTER
NFC Access Point
Back Button
Down Button
Right Button


Tilt Lock
Pan Lock
Carrying Handle
Safety Cable Attachment Point




POWER IN POWER OUT
AC100-240V,50/60Hz Max@ 9A
FUSE:250V 3.15A
DMX IN
DMX OUT
NET IN
NET OUT
Power In/Out
Fuse
DMX In/Out
Net In/Out


NFC Access Point
Safety Cable Anchor Point
Omega Bracket Installation Point

INSTALLATION

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.

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight of the unit and any attached accessories without any deformation. The unit must be secured with a secondary safety attachment, e.g. an appropriately-rated safety cable.

Before rigging/mounting a single fixture to any metal truss/structure or placing the fixture(s) 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(s), clamps, cables, and accessories.

Ambient operating temperature is range **-13°F to 113°F (-25°C to 45°C)**. Do not operate this device when ambient temperature falls outside of this range.

Maximum distance to lighted objects is 1.5" (0.5m)
Minimum Distance of Flammable Materials at lease 8" (0.2m)
Minimum Distance from Fixture to other objects is 1.5" (0.5m)

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

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

Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable that can hold 10 times the weight of the fixture.

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

The installation should be checked by a skilled person once a year.

OPERATIONAL BREAKS

Duty Cycle - It is strongly recommended to power the fixture down completely when not in use. Doing so will reduce wear on the fixture due to sustained or extended operational periods, thereby maximizing the fixture's operational lifespan.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 3.2m is not expected.

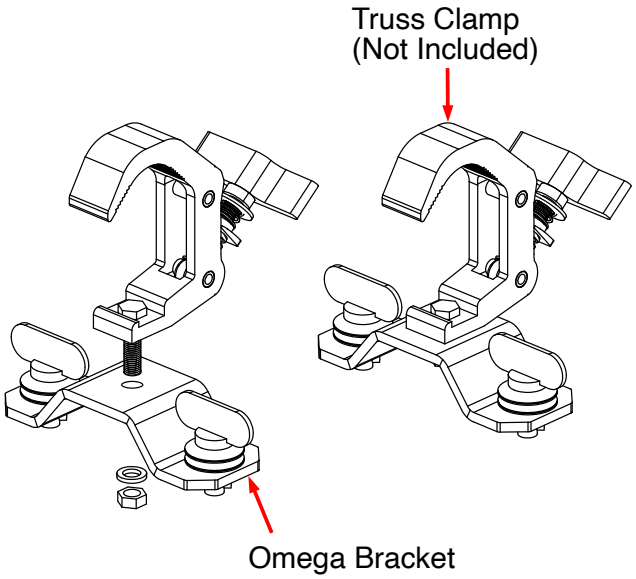
TRANSPORTATION AND STORAGE

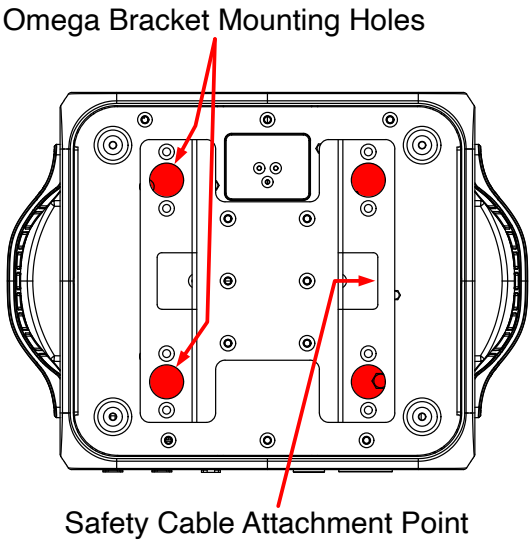
Pan and tilt locks are for service purposes only and not intended to secure the fixture during transportation; always disengage them before moving or transporting the unit to avoid damage to the internal mechanics.

INSTALLATION

CLAMP MOUNTING

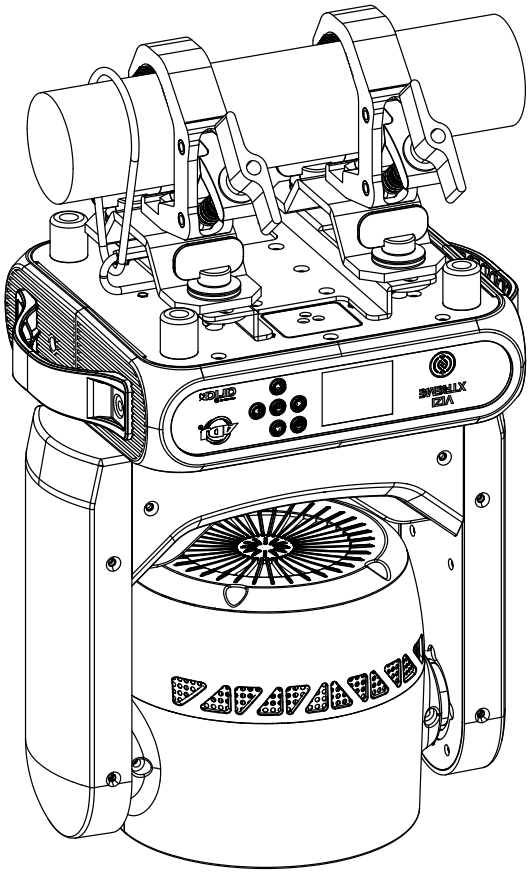
This fixture features mounting holes on the underside for the attachment of Omega clamps. When mounting the fixture to a truss or any other suspended structure, be sure to secure an appropriate rated clamp (not included) to each Omega bracket. Insert a bolt of appropriate size through the bottom of the mounting clamp and the central hole on the mounting bracket, and secure them together with a matching nut. Then insert the twist lock fasteners of the Omega bracket into the mounting holes on the fixture, and twist to secure in place. **Please note that two mounting clamps and two Omega brackets are required to securely install this unit**. Additionally, a safety cable of the appropriate weight rating should be secured to at least one of the two available locations on the underside of the fixture base.



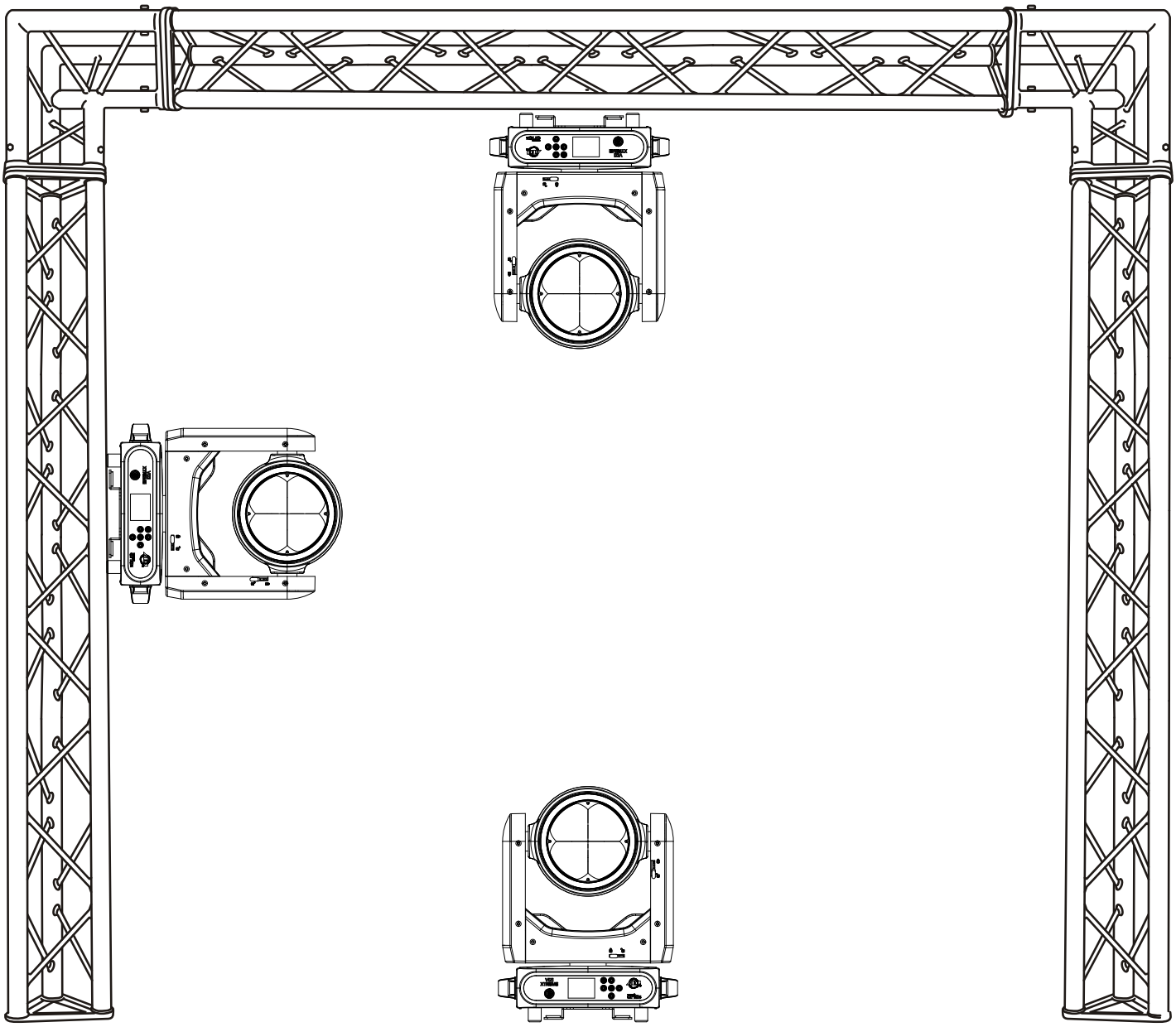


SAFETY CABLE:

ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.



INSTALLATION



The unit is fully operational in three different mounting positions: hanging upside-down from the ceiling or trussing, sideways on trussing, or set on a flat level surface. Always use and install a safety cable (not included) as a safety measure to prevent accidental damage and/or injury in the event the clamp fails. Never use the carrying handles for secondary attachment.

FALLING FIXTURES CAN CAUSE SEVERE INJURY OR SERIOUS EQUIPMENT DAMAGE! FOR THIS REASON, FIXTURES SHOULD BE INSTALLED AND INSPECTED ONLY BY QUALIFIED PERSONNEL. DO NOT INSTALL THE UNIT IF YOU LACK THE QUALIFICATIONS TO DO SO, OR IF YOU HAVE DOUBTS ABOUT THE SAFETY AND SECURITY OF THE INSTALLATION SETUP OR LOCATION!

ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.

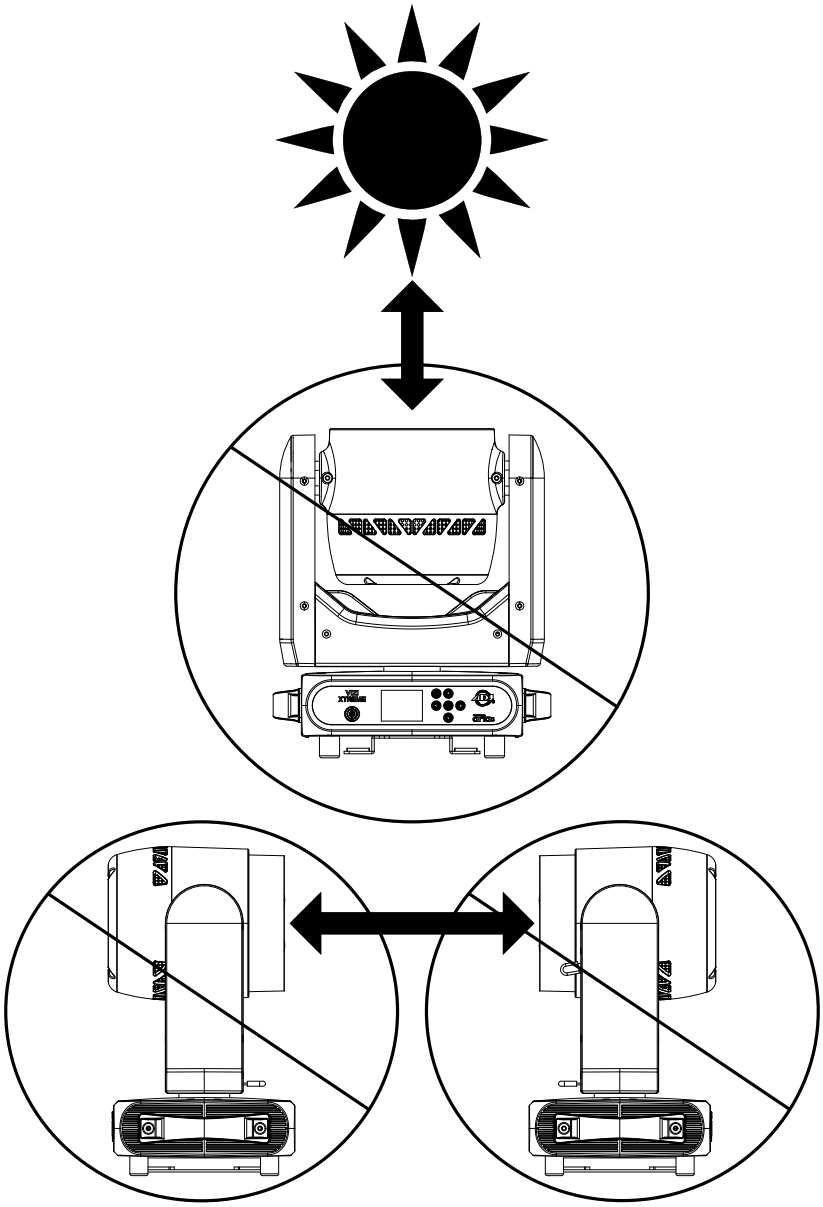
INSTALLATION

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.



ARIA SETUP & GUIDELINES

2.4GHZ Versus Sub-Gig (GHz) Frequencies:

Sub-GHz frequencies provide superior reliability and range compared to higher frequencies, making them perfect for consistent communication across vast distances or in difficult conditions. Devices operating in the sub-GHz range, which refers to frequencies below 1 GHz, can transmit signals over significant distances and can penetrate physical barriers such as walls and buildings more effectively. Additionally, these frequencies experience less interference compared to those in the heavily congested 2.4-GHz band, which is commonly used by wireless devices.

In the United States, the 900 MHz band is a versatile frequency range that is utilized by various services, with the FCC overseeing its allocation and regulation.

In the European Union, the 868 MHz frequency is designated by ETSI as the Sub-Gig frequency.

In summary, if an application demands high data rates and more bandwidth in urban or densely populated areas where interference management is feasible, the 2.4 GHz frequency is a suitable choice. On the other hand, for applications requiring long-range communication and better obstacle penetration, particularly in rural or industrial settings with fewer regulatory constraints, a sub-GHz frequency (<1 GHz) is a better option.

Installation Recommendations:

With the many factors that affect and/or interrupt a wireless signal such as walls, glass, metal, objects, and people, it is highly recommended to:

- Install devices a minimum of 9.8 ft. (3m) above audiences and/or ground level where practical.
- Adjust the wireless antenna in a vertical upright position
- Position devices in direct line of sight of the controlling device

Careful planning and testing of the selected installation location is critical to ensure optimum and reliable wireless operation.



ARIA SETUP AND GUIDELINES

GENERAL INFORMATION

The Aria Bluetooth app has the ability to connect wirelessly to any device that has Aria wireless DMX installed and has Bluetooth enabled.

Before installing the fixture in a remote location, double check that the fixture's main power is switched on, and that the Bluetooth function has been enabled in the fixture's system menu. Certain fixtures may have Bluetooth disabled by default. If this function is disabled, then the fixture cannot be configured remotely using the Aria app, and will have to be configured directly from the fixture's control screen.

Additionally, the user should consider setting the fixture's No DMX setting to "Hold Last". This will allow the fixture to continue running using the current settings, even if the Aria app device moves out of range, the app is closed, or the signal is otherwise interrupted, minimizing disruption in the operation of the fixtures.

LEGACY DEVICES

Please note that legacy connected devices, such as those using Wifly, E-Fly, or Magfly, are not compatible with this app. For such legacy devices, the use of a bridge is recommended, as the bridge can communicate with these devices via its SM220 protocol.

The Aria X2 BLE app is currently available from the Apple app store.

FIXTURE IDENTIFICATION

Aria compatible devices can be identified and connected via the Fixtures tab in the app. This tab displays a field of twenty-four buttons that can be assigned to Aria compatible devices that are within range, and the buttons will automatically be assigned to devices in the order in which they are discovered. If more than twenty-four units are within range, it may be necessary to use the filter feature to search for the desired fixture. Button location can be edited by selecting the configuration key, then the user can drag and drop the buttons to the desired location and hit save to keep changes. Once a device is known to the app, it can also be assigned to a particular button. From that point forward, the assigned device will always be assigned to that button location.

IMPORTANT NOTE: For version 0.65 or higher, a shared system password is required to connect to any device.

Unlike wireless DMX, Bluetooth is a connect first protocol. To connect to a device or fixture, tap the assigned button in the **Fixtures** tab. If the connection is successful, a green frame will appear around the button, indicating that the app was able to retrieve the current channel values from the fixture. The app must be connected to a fixture in order to use its channel controls or view and change settings. Please note that not all Aria devices have channel controls.

Additionally, each fixture can only be connected to one device with the app at any given time. Once a fixture is connected to the app installed on one device, any other devices will be blocked from connecting. As a result, when setting up a new fixture for the first time, best practice is to have only a single user with the app open within range, in order to ensure that the fixture pairs to the intended user's device.

ARIA SETUP AND GUIDELINES

The second table section shows all Aria devices detected in range. A checkmark indicates the device is currently assigned to a button. If more than 24 devices are within range, the user may remove or add devices to the buttons list by tapping a row to check or uncheck a device. If all buttons are full, it will be necessary to uncheck a device before adding another.

Filter: The user can filter which Aria devices get button assignments by tapping “filter” at the top of the view. A popup will appear where the user can enter text to filter devices by username, model name, or manufacturer. **Please note that these searches are case sensitive.**

Note: If a device shows an asterisk (*) it means that there is no fixture profile currently available, and therefore there will be limited support available for that device. The user will still be able to connect and adjust channels if the device supports that feature, but the user will not be able to view how many channels the device has or the channel names.

SECURITY

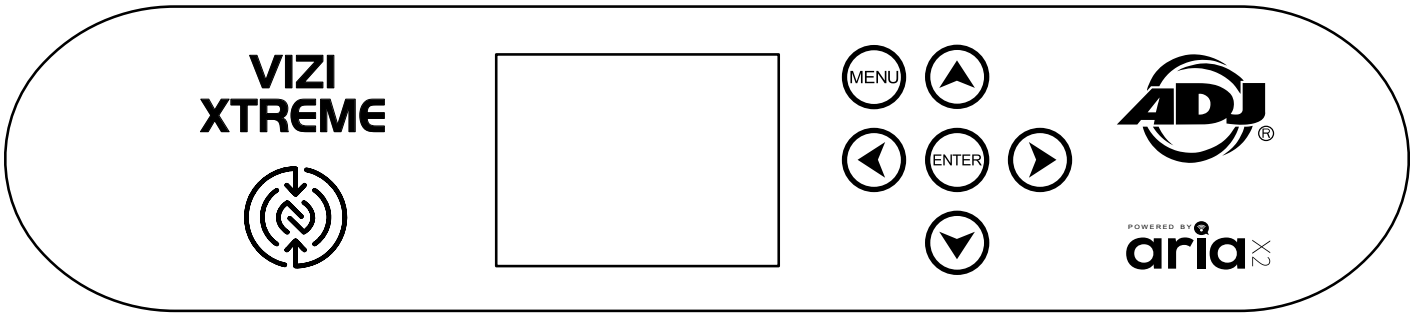
Each fixture must have a password saved to be secure. When a new fixture is installed for the first time, its password will automatically be set to the app’s system password on first connection. Once the password has been entered, the user will need to exit out to the main page containing the fixture buttons, then de-select and re-select the fixture to lock in the password. From that point forward only, controlling devices that use the correct password can connect to this fixture. **This security is now required by law in most jurisdictions.**

The app will detect any Aria capable fixture within range, even if the app does not have the password to that fixture and therefore cannot access that fixture. If that fixture is selected in the app, the green frame will momentarily appear around that fixture’s button, but then disappear. This indicates that the fixture is visible but inaccessible.

SYSTEM MENU

This unit features a display screen with a 6-button control pad, which can be used to easily adjust any device settings.

Pressing the **MENU** button will cycle through the various Main Menu options. When the desired Main Menu option is displayed on the screen, press the **ENTER** button to enter the sub-menu, then use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate through sub-menu options. In some cases, there will be a second sub-menu that can be navigated in the same way.



SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)			
DMX Settings	Address	**001**-512		
	Mode	Basic 28, **Standard 40**, Extended 73, Standard CMY 54, Extended CMY 63, User Mode		
	No DMX	**Hold Last**, Blackout, Manual, Internal Programs		
Personality	Pri/Sec Mode	Primary, **Secondary**		
	Select Signal	**DMX or Aria**, Aria In and DMX Out, DMX In and Aria Out		
	Aria Settings	Aria Enable	ON/**OFF**	
		Frequency	**2.4GHz**	
			Sub Gig US	
			Sub Gig EU	
		2.4GHz CH	**00**~15	
		Sub Gig CH	**00**~09	
		Mesh	ON/**OFF**	
		Bluetooth	**ON**/OFF	
	Network	Protocol	**ArtNet**, sACN, Disable	
		IP Mode	**2.x.x.x** / 10.x.x.x / Custom IP / DHCP	
		IP Address	**2.1.1.1**	
		Subnetet Mask	**255.0.0.0**	
		Artnet Universe	**00000**-32,767	
		sACN Settings	sACN Universe	**00001** - 63,999
			sACN Priority	**0** - 255
		Lock Ethernet Settings	ON / **OFF**	
	Status Settings	Pan Degree	630/**540**/360	
		Tilt Degree	**265**/360	
		Pan Invert	ON / **OFF**	
		Tilt Invert	ON / **OFF**	
		P./T. Feedback	**ON** / OFF	
		P./T. Speed	**Fast**, Standard	
		Temperature Unit	°C / **°F**	
		Hibernation	OFF, 01M~99M, **15M**	
	Fan Settings	Head Fan	**Auto**, High, Low, Silent	
		Base Fan	**Auto**, High, Low, Silent	
	RDM	**On** / Off		
	Zoom Speed	**Standard**, Fast		
	Zoom Mode	**Max**, Limited		
	Dim Modes	**Standard**, Stage, TV, Architectural, Theatre, Stage 2		
		Dim Speed	0.1s~10s	
	LED Refresh Rate	900~1500HZ (**1200**), 2500HZ, 4000HZ, 5000HZ, 6000HZ, 10KHZ, 15KHZ, 20KHZ, 25KHZ		
	Dim Curve	Linear, **Square**, Inv.Squa, S.Curve		

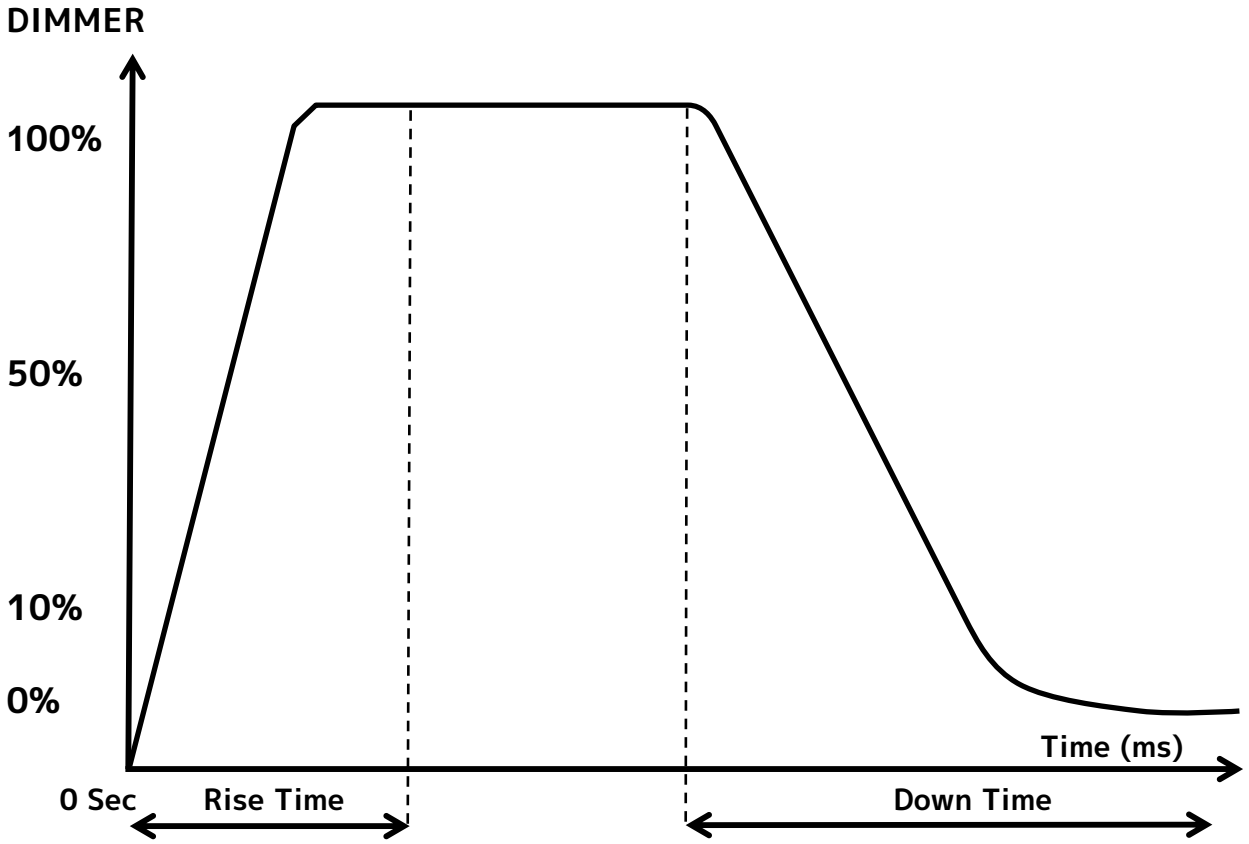
SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)			
Personality	Reset Motors	Reset All Motors	**NO** / YES	
		Pan/Tilt Reset	**NO** / YES	
		Effect Reset	**NO** / YES	
	Display	Intensity	1-**10**	
		Display Invert	**Auto** / YES / NO	
		Screen Saver Delay	OFF, 1M-10M, **05M**	
		Key Lock	**OFF**/ON/ON1	
	Set User Mode	Pan	1	
		Pan Fine	2	
		Tilt	3	
		Tilt Fine	4	
		Continuous Pan	5	
		Continuous Tilt	6	
		All Red	N/A	
		All Green	N/A	
		All Blue	N/A	
		All Lime	N/A	
		Red 1	7	
		Green 1	8	
		Blue 1	9	
		Lime 1	10	
		…	…	
		Red 4	19	
		Green 4	20	
		Blue 4	21	
		Lime 4	22	
		…	…	
		Main Color Wheel	27	
		Main Macro	28	
		Main Macro Speed	29	
		Main Macro Fade	30	
		…	…	
		Internal Programs	69	
		Program Speed	70	
		Program Fade	71	
		P/T Speed	72	
		Special	73	
	Service	(Passcode 050)	Effect Adjust	Pan -127-127
				Tilt -127-127
				Zoom -127-127
				Red 000-255
				Green 000-255
				Blue 000-255
				Lime 000-255
				Red Ring 000-255
				Green Ring 000-255
				Blue Ring 000-255
				White Ring 000-255
			Universe Offset	ON / **OFF**
			Color Calibration	Enble / **Disable**
			Factory Restore	**NO** / YES

SYSTEM MENU

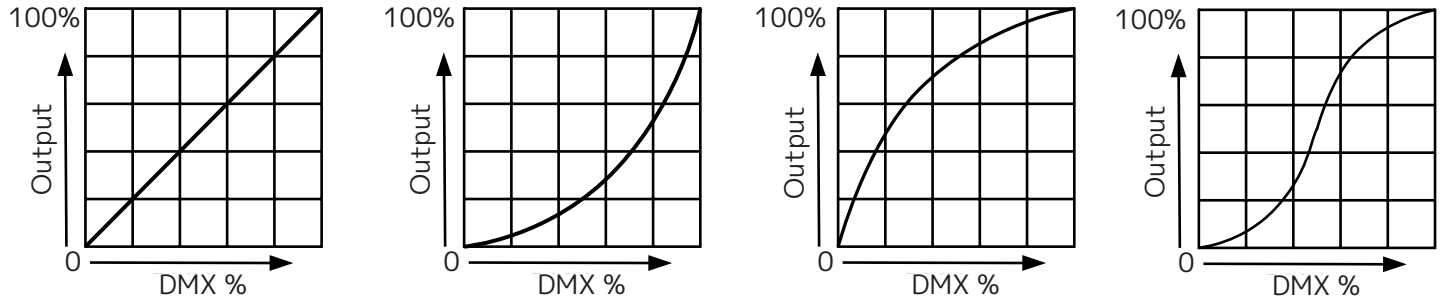
MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)			
Manual Control	Pan	000-255		
	Pan Fine	000-255		
	Tilt	000-255		
	Tilt Fine	000-255		
	Continuous Pan	000-255		
	Continuous Tilt	000-255		
	Red	000-255		
	Green	000-255		
	Blue	000-255		
	Lime	000-255		
	CT Linear	000-255		
	CT Presets	000-255		
	Main Color Wheel	000-255		
	Color Macros	000-255		
	Main Macro	000-255		
	Main Macro Speed	000-255		
	Main Macro Fade	000-255		
	Ring Red	000-255		
	Ring Green	000-255		
	Ring Blue	000-255		
	Ring White	000-255		
	Ring Color Wheel	000-255		
	Ring Macro	000-255		
	Ring Macro Speed	000-255		
	Ring Macro Fade	000-255		
	Shutter	000-255		
	Dimmer	000-255		
	Zoom	000-255		
Internal Programs	Program 1	Speed	000-255	
		Fade	000-255	
	Program 2	Speed	000-255	
		Fade	000-255	
	Program 3	Speed	000-255	
		Fade	000-255	
	Program 4	Speed	000-255	
		Fade	000-255	
	…	…	…	
	Program 8	Speed	000-255	
		Fade	000-255	
Information	Fixture Life Time	Power On Time	xxxxxx Hours	
		P-On Time-R	xxxxxx Hours	
		P-On Time-Reset	(Passcode **050**)	
	Total LED Time	LED On Time	xxxxxx Hours	
		LED On Time-R	xxxxxx Hours	
		LED Hours Reset	(Passcode **050**)	
	Fixture Temps	LEDs	Current	xxx F / xxx C
			Max Resettable	xxx F / xxx C
		Base Temp	Current	xxx F / xxx C
			Max Resettable	xxx F / xxx C
		Reset LED Temp	(Passcode **050**)	
		Reset Base Temp	(Passcode **050**)	
	Fan Info.(RPM)	LED Fan	xxxx	
		Base Fan	xxxx	
	DMX Values	Pan		
		Pan Fine		
		…		
	Error Logs	xxxxx	(List Errors one by one)	
		xxxxx		
		Reset Error Log	(Passcode **050**)	
	Software Version	X.X.X		
	Product ID's	RDM ID	RDM ID	xxxxxxxxxxxx
		Mac Address	Mac	xx:xx:xx:xx:xx:xx
		Aria ID	UID	xx:xx:xx:xx:xx:xx

DIMMER CURVES



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
Stage 2	0	1100	0	1660

DIMMER MODES



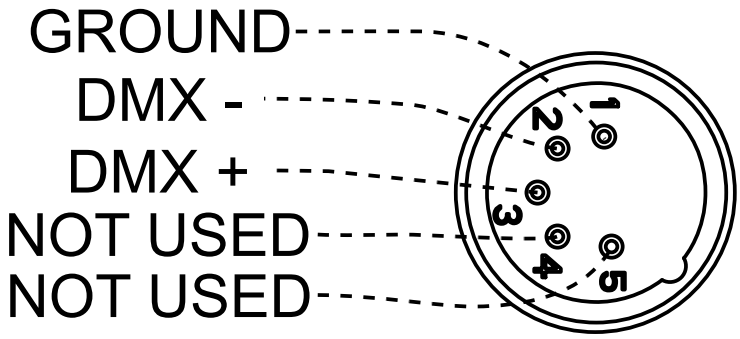
DMX SETUP

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 manufacturers 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, try to use the shortest cable path possible when linking several DMX fixtures. 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.

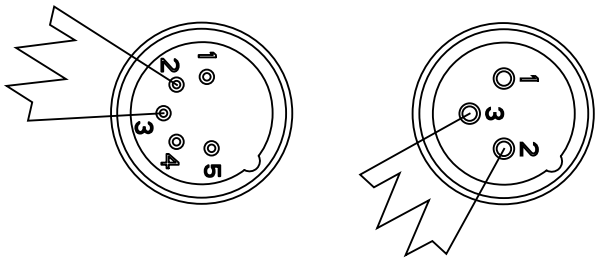
Data Cable (DMX Cable) Requirements (For DMX Operation): This unit can be controlled via DMX-512 protocol. The DMX address is set on the rear panel of the unit. Your unit and your DMX controller require a standard 5-pin XLR connector for data input and data output. We recommend Accu-Cable DMX cables. 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 pro lighting stores). Your cables should be made with a male XLR connector at one end and a female XLR connector at the other. Also remember that DMX cable must be daisy chained and cannot be split.

Notice: Be sure to follow the illustration below 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.



DMX SETUP

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 reduce the risk of erratic behavior.



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.

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.

For example, when this unit is operating in 28 channel mode, you should set the starting DMX address of the first unit to 1, the second unit to 29 (1 + 28), the third unit to 63 (1 + 31 + 31), and so on. See the chart below for more details:

CHANNEL MODE	UNIT 1	UNIT 2	UNIT 3	UNIT 4
Basic (28Ch)	1	29	57	85
Standard (40Ch)	1	41	81	121
Extended (73Ch)	1	74	147	220
Standard CMY (54Ch)	1	55	109	163
Extended CMY (63Ch)	1	64	127	190

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
28Ch	40Ch	73Ch	54Ch	63Ch		
1	1	1	1	1	000-255	**Pan Movement 8bit**, 540/630 Degrees
	2	2	2	2	000-255	**Pan Fine Movement 16bit**
2	3	3	3	3	000-255	**Tilt Movement 8bit**, 270 Degrees
	4	4	4	4	000-255	**Tilt Fine Movement 16bit**
						Continuous Pan
					000-127	No function
	5	5	5	5	128-190	Clockwise rotation (CW) , from slow to fast
					191-192	Stop
					193-255	Counterclockwise rotation (CCW), from fast to slow
						Continuous Tilt
					000-127	No function
	6	6	6	6	128-190	Clockwise rotation (CW) , from slow to fast
					191-192	Stop
					193-255	Counterclockwise rotation (CCW), from fast to slow
3	7				000-255	**Red**, 0% - 100%
4	8				000-255	**Green**, 0% - 100%
5	9				000-255	**Blue**, 0% - 100%
6	10				000-255	**Lime**, 0% - 100%
		7			000-255	**Red 1**, 0% - 100%
		8			000-255	**Green 1**, 0% - 100%
		9			000-255	**Blue 1**, 0% - 100%
		10			000-255	**Lime 1**, 0% - 100%
					…	…
		19			000-255	**Red 4**, 0% - 100%
		20			000-255	**Green 4**, 0% - 100%
		21			000-255	**Blue 4**, 0% - 100%
		22			000-255	**Lime 4**, 0% - 100%
			7	7	000-255	**CYAN** (0-100% Cyan)
				8	000-255	**CYAN FINE:**
			8	9	000-255	**MAGENTA** (0-100% Magenta)
				10	000-255	**MAGENTA FINE:**
			9	11	000-255	**YELLOW** (0-100% Yellow)
				12	000-257	**YELLOW FINE:**
	11	23	10	13	000-255	**COLOR TEMPERATURE LINEAR 2,700-10,000K**
						COLOR TEMPERATURE PRESETS
					0	No function
					001-060	2700K
					061-179	3000K
					180-201	3200K
7	12	24	11	14	202-207	4000K
					208-229	4500K
					230-234	5000K
					235-239	5600K
					240-244	6500K
					245-249	8000K
					250-255	10000K
						COLOR TEMPERATURE RED to GREEN
		25	12	15	0	No function
					001-255	Shift CT Red to Green
8	13	26	13	16	000-255	**64 COLOR MACROS** (See Color Macros Chart)

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
28Ch	40Ch	73Ch	54Ch	63Ch		
						VIRTUAL MAIN COLOR WHEEL
					0	Open
					001-060	Virtual Swatch Colors (See Colors Tab)
					061-179	Open
					180-201	Color Scroll Clockwise, Fast to Slow
	14	27	14	17	202-207	Stop
					208-229	Color Scroll Counter-clockwise, Slow to Fast
					230-234	Open
					235-239	Random Slow Fast
					240-244	Random Slots Medium
					245-249	Random Slots Slow
					250-255	Open
						MAIN EFFECT MACRO
					0	Open
					001-060	Macro 1
					061-179	Macro 2
					180-201	Macro 3
9	15	28	15	18	202-207	Macro 4
					208-229	Macro 5
					230-234	Macro 6
					235-239	Macro 7
					240-244	Macro 8
					245-255	No Function
10	16	29	16	19	000-255	**MAIN EFFECT MACRO SPEED**, Slow to Fast
11	17	30	17	20	000-255	**MAIN EFFECT MACRO FADE**, Min to Max
						MAIN RGBL SHUTTER
					000-031	Shutter Closed (LEDs OFF)
					032-063	Shutter OPEN (LEDs ON)
					064-095	Strobe effect slow to fast
12	18	31	18	21	096-127	Shutter OPEN (LEDs ON)
					128-159	Pulse effect in sequences
					160-191	Random pixel strobe effect slow to fast
					192-223	Random all strobe effect slow to fast
					224-255	Shutter OPEN (LEDs ON)
13	19	32	19	22	000-255	**MAIN RGBL DIMMER**, 0 TO 100%
	20	33		23	000-255	**MAIN RGBL DIMMER FINE 16bit**
14	21				000-255	**RING Red All 0% - 100%**
15	22				000-255	**RING Green ALL 0% - 100%**
16	23				000-255	**RING Blue ALL 0% - 100%**
17	24				000-255	**RING White ALL 0% - 100%**
		34	20	24	000-255	**RING1 Red 1 0% - 100%**
		35	21	25	000-255	**RING1 Green 1 0% - 100%**
		36	22	26	000-255	**RING1 Blue 1 0% - 100%**
		37	23	27	000-255	**RING1 White 1 0% - 100%**
…	…	…	…	…	…	**…**
		54	40	44	000-255	**RING 6 Red 0% - 100%**
		55	41	45	000-255	**RING 6 Green 0% - 100%**
		56	42	46	000-255	**RING 6 Blue 0% - 100%**
		57	43	47	000-255	**RING 6 White 0% - 100%**

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
28Ch	40Ch	73Ch	54Ch	63Ch		
						VIRTUAL RING COLOR WHEEL
					0	Open
					001-060	Virtual Swatch Colors (See Colors Tab)
					061-179	Open
					180-201	Color Scroll Clockwise, Fast to Slow
					202-207	Stop
	25	58	44	48	208-229	Color Scroll Counter-clockwise, Slow to fast
					230-234	Open
					235-239	Random Slots Fast
					240-244	Random Slots Medium
					245-249	Random Slots Slow
					250-255	Open
						RING EFFECT MACRO
					0	Open
					001-060	Macro 1
					061-179	Macro 2
					180-201	Macro 3
18	26	59	45	49	202-207	Macro 4
					208-229	Macro 5
					230-234	Macro 6
					235-239	Macro 7
					240-244	Macro 8
					245-255	No Function
19	27	60	46	50	000-255	**RING EFFECT MACRO SPEED**, Slow to Fast
20	28	61	47	51	000-255	**RING EFFECT MACRO FADE**, Min to Max
						RING RGB SHUTTER
					000-031	Shutter Closed (LEDs OFF)
					032-063	Shutter OPEN (LEDs ON)
					064-095	Strobe effect slow to fast
21	29	62	48	52	096-127	Shutter OPEN (LEDs ON)
					128-159	Pulse effect in sequences
					160-191	Random section strobe effect slow to fast
					192-223	Random all strobe effect slow to fast
					224-255	Shutter OPEN (LEDs ON)
22	30	63	49	53	000-255	**RING RGB DIMMER**, 0 to 100%
	31	64		54	000-255	**RING RGB DIMMER FINE 16bit**
23	32	65	50	55	000-255	**ZOOM**, Zoom adjustment from wide to narrow
	33	66		56	000-255	**ZOOM FINE 16bit**
						DIM MODES
					000-020	Default to Unit Setting
					021-040	Standard
					041-060	Stage
					061-080	TV
					081-100	Architectural
					101-120	Theatre
					121-140	Stage 2

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
28Ch	40Ch	73Ch	54Ch	63Ch		
						DIMMING SPEED
					141	0.1 s
					142	0.2 s
					143	0.3 s
					144	0.4 s
					145	0.5 s
					146	0.6 s
					147	0.7 s
					148	0.8 s
					149	0.9 s
					150	1 s
	34	67	51	57	151	1.5 s
					152	2 s
					153	3 s
					154	4 s
					155	5 s
					156	6 s
					157	7 s
					158	8 s
					159	9 s
					160	10 s
					161-255	Default to Unit Setting
						DIM CURVES
					000-020	No Function
					021-040	Linear
	35	68	52	58	041-060	Square
					061-080	Inv. Squa
					081-100	S. Curve
					101-255	No Function
						INTERNAL PROGRAMS
					000-009	No Function
					010-019	Program 1
					020-029	Program 2
					030-039	Program 3
24	36	69		59	040-049	Program 4
					050-059	Program 5
					060-069	Program 6
					070-079	Program 7
					080-089	Program 8
					090-255	No Function
25	37	70		60	000-255	**PROGRAM SPEED**, Slow to Fast
26	38	71		61	000-255	PROGRAM FADE, Min to Max
27	39	72	53	62	000-255	PAN / TILT SPEED, Max to Min

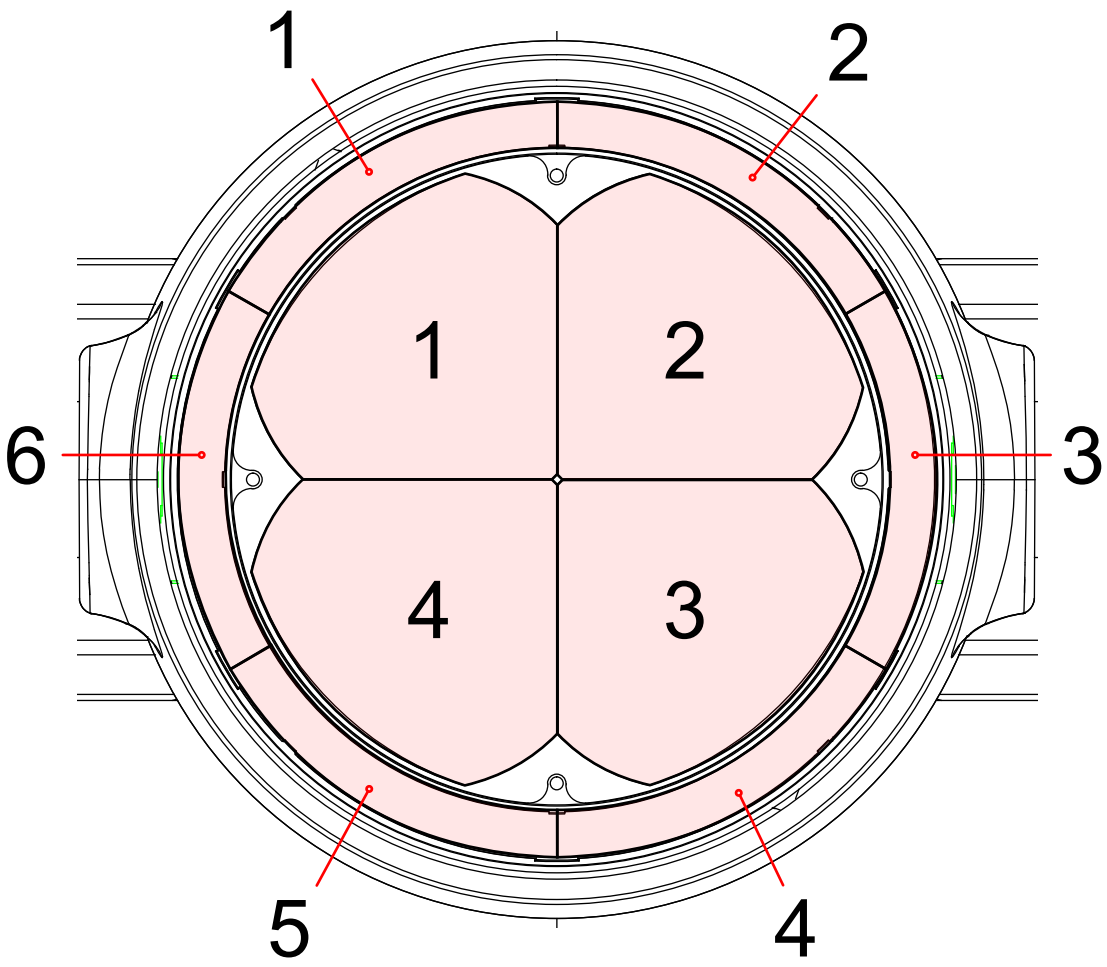
DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
28Ch	40Ch	73Ch	54Ch	63Ch		
						SPECIAL FUNCTION
					000-010	No function (Default LED Refresh Rate 1200 Hz)
					011-011	900 Hz LED Refresh Rate
					012-012	910 Hz LED Refresh Rate
					013-013	920 Hz LED Refresh Rate
					014-014	930 Hz LED Refresh Rate
					015-015	940 Hz LED Refresh Rate
					016-016	950 Hz LED Refresh Rate
					017-017	960 Hz LED Refresh Rate
					018-018	970 Hz LED Refresh Rate
					019-019	980 Hz LED Refresh Rate
					020-020	990 Hz LED Refresh Rate
					021-021	1000 Hz LED Refresh Rate
					022-022	1010 Hz LED Refresh Rate
					023-023	1020 Hz LED Refresh Rate
					024-024	1030 Hz LED Refresh Rate
					025-025	1040 Hz LED Refresh Rate
					026-026	1050 Hz LED Refresh Rate
					027-027	1060 Hz LED Refresh Rate
					028-028	1070 Hz LED Refresh Rate
					029-029	1080 Hz LED Refresh Rate
					030-030	1090 Hz LED Refresh Rate
					031-031	1100 Hz LED Refresh Rate
					032-032	1110 Hz LED Refresh Rate
28	40	73	54	63	033-033	1120 Hz LED Refresh Rate
					034-034	1130 Hz LED Refresh Rate
					035-035	1140 Hz LED Refresh Rate
					036-036	1150 Hz LED Refresh Rate
					037-037	1160 Hz LED Refresh Rate
					038-038	1170 Hz LED Refresh Rate
					039-039	1180 Hz LED Refresh Rate
					040-040	1190 Hz LED Refresh Rate
					041-041	1200 Hz LED Refresh Rate
					042-042	1210 Hz LED Refresh Rate
					043-043	1220 Hz LED Refresh Rate
					044-044	1230 Hz LED Refresh Rate
					045-045	1240 Hz LED Refresh Rate
					046-046	1250 Hz LED Refresh Rate
					047-047	1260 Hz LED Refresh Rate
					048-048	1270 Hz LED Refresh Rate
					049-049	1280 Hz LED Refresh Rate
					050-050	1290 Hz LED Refresh Rate
					051-051	1300 Hz LED Refresh Rate
					052-052	1310 Hz LED Refresh Rate
					053-053	1320 Hz LED Refresh Rate
					054-054	1330 Hz LED Refresh Rate
					055-055	1340 Hz LED Refresh Rate
					056-056	1350 Hz LED Refresh Rate
					057-057	1360 Hz LED Refresh Rate

DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
28Ch	40Ch	73Ch	54Ch	63Ch		
						SPECIAL FUNCTION
					058-058	1370 Hz LED Refresh Rate
					059-059	1380 Hz LED Refresh Rate
					060-060	1390 Hz LED Refresh Rate
					061-061	1400 Hz LED Refresh Rate
					062-062	1410 Hz LED Refresh Rate
					063-063	1420 Hz LED Refresh Rate
					064-064	1430 Hz LED Refresh Rate
					065-065	1440 Hz LED Refresh Rate
					066-066	1450 Hz LED Refresh Rate
					067-067	1460 Hz LED Refresh Rate
					068-068	1470 Hz LED Refresh Rate
					069-069	1480 Hz LED Refresh Rate
					070-070	1490 Hz LED Refresh Rate
					071-071	1500 Hz LED Refresh Rate
					072-072	2500 Hz LED Refresh Rate
					073-073	4000 Hz LED Refresh Rate
					074-074	5000 Hz LED Refresh Rate
					075-075	6000 Hz LED Refresh Rate
					076-076	10K Hz LED Refresh Rate
					077-077	15K Hz LED Refresh Rate
					078-078	20K Hz LED Refresh Rate
					079-079	25K Hz LED Refresh Rate
					080-089	Enable Blackout while Pan/Tilt moving
28	40	73	54	63	090-099	Disable Blackout while Pan/Tilt moving
					100-105	Fan Mode Auto (Hold 3s)
					106-111	Fan Mode High (Hold 3s)
					112-117	Fan Mode Low (Hold 3s)
					118-122	Fan Mode Mute (Hold 3s)
					123-127	Enable Pan Invert (Hold 3s)
					128-132	Disable Pan Invert (Hold 3s)
					133-139	Enable Tilt Invert (Hold 3s)
					140-149	Disable Tilt Invert (Hold 3s)
					150-159	Reset All
					160-169	Reset Pan/Tilt
					170-174	Reset Effect
					175-179	Enable Zoom Speed Fast
					180-182	Disable Zoom Speed Fast
					183-185	Enable White Calibration (Hold 3s)
					186-189	Enable White Fixed Values (Hold 3s)
					190-193	Enable Limited Zoom Mode (Hold 3s)
					194-197	Disable Limited Zoom Mode (Hold 3s)
					198-201	Enable Hibernation 15minutes (Hold 3s)
					202-205	Disable Hibernation (Hold 3s)
					206-209	Aria Enable (Hold 3s)
					210-212	Aria Disable (Hold 3s)
					213-215	Display Backlight ON (Hold 3s)
					216-218	Display Backlight OFF (Hold 3s)
					219-255	No Function

LED PIXEL/ZONE MAPPING (LAYOUT)



VIRTUAL COLORS (COLOR SWATCH)

VALUE	FILTER #	COLOR	VALUE	FILTER #	COLOR
1	7	Pale Yellow	31	126	Mauve
2	103	Straw	32	49	Medium Purple
3	151	Gold Tint	33	58	Lavender
4	100	Spring Yellow	34	199	Palace Blue
5	10	Medium Yellow	35	119	Dark Blue
6	101	Yellow	36	132	Medium Blue
7	104	Deep Amber	37	120	Deep Blue
8	15	Deep Straw	38	165	Daylight Blue
9	179	Loving Amber	39	161	Slate Blue
10	21	Gold Amber	40	118	Light Blue
11	105	Orange	41	68	Sky Blue
12	158	Deep Orange	42	143	Pale Navy Blue
13	22	Dark Amber	43	131	Marine Blue
14	778	Millennium Gold	44	115	Peacock Blue
15	135	Deep Golden Amber	45	172	Lagoon Blue
16	24	Scarlet	46	116	Medium Blue Green
17	106	Primary Red	47	90	Dark Yellow Green
18	26	Bright Red	48	139	Primary Green
19	27	Medium Red	49	122	Fern Green
20	19	Fire	50	89	Moss Green
21	157	Pink	51	124	Dark Green
22	36	Medium Pink	52	88	Lime Green
23	111	Dark Pink	53	138	Pale Green
24	128	Bright Pink	54	203	Quarter CT Blue
25	148	Bright Rose	55	202	Half CT Blue
26	332	Special Rose Pink	56	201	FULL CT Blue
27	793	Vanity Fair	57	200	Double CT Blue
28	113	Magenta	58	206	Quarter CT Orange
29	46	Dark Magenta	59	205	Half CT Orange
30	48	Rose Purple	60	204	FULL CT Orange

RGBL COLOR MACROS

Color	DMX Value	RGBW COLOR INTENSITY				Color	DMX Value	RGBW COLOR INTENSITY			
		RED	GREEN	BLUE	LIME			RED	GREEN	BLUE	LIME
Off	0	0	0	0	0	Color Macro 33	129-132	255	206	143	0
Color Macro 1	1-4	80	255	234	80	Color Macro 34	133-136	254	177	153	0
Color Macro 2	5-8	80	255	164	80	Color Macro 35	137-140	254	192	138	0
Color Macro 3	9-12	77	255	112	77	Color Macro 36	141-144	254	165	98	0
Color Macro 4	13-16	117	255	83	83	Color Macro 37	145-148	254	121	0	0
Color Macro 5	17-20	160	255	77	77	Color Macro 38	149-152	176	17	0	0
Color Macro 6	21-24	223	255	83	83	Color Macro 39	153-156	96	0	11	0
Color Macro 7	25-28	255	243	77	77	Color Macro 40	157-160	234	139	171	0
Color Macro 8	29-32	255	200	74	74	Color Macro 41	161-164	224	5	97	0
Color Macro 9	33-36	255	166	77	77	Color Macro 42	165-168	175	77	173	0
Color Macro 10	37-40	255	125	74	74	Color Macro 43	169-172	119	130	199	0
Color Macro 11	41-44	255	97	77	74	Color Macro 44	173-176	147	164	212	0
Color Macro 12	45-48	255	71	77	71	Color Macro 45	177-180	88	2	163	0
Color Macro 13	49-52	255	83	134	83	Color Macro 46	181-184	0	38	86	0
Color Macro 14	53-56	255	93	182	93	Color Macro 47	185-188	0	142	208	0
Color Macro 15	57-60	255	96	236	96	Color Macro 48	189-192	52	148	209	0
Color Macro 16	61-64	238	93	255	93	Color Macro 49	193-196	1	134	201	0
Color Macro 17	65-68	196	87	255	87	Color Macro 50	197-200	0	145	212	0
Color Macro 18	69-72	150	90	255	90	Color Macro 51	201-204	0	121	192	0
Color Macro 19	73-76	100	77	255	77	Color Macro 52	205-208	0	129	184	0
Color Macro 20	77-80	77	100	255	77	Color Macro 53	209-212	0	83	115	0
Color Macro 21	81-84	67	148	255	67	Color Macro 54	213-216	0	97	166	0
Color Macro 22	85-88	77	195	255	77	Color Macro 55	217-220	1	100	167	0
Color Macro 23	89-92	77	234	255	77	Color Macro 56	221-224	0	40	86	0
Color Macro 24	93-96	158	255	144	144	Color Macro 57	225-228	209	219	182	0
Color Macro 25	97-100	255	251	153	153	Color Macro 58	229-232	42	165	85	0
Color Macro 26	101-104	255	175	147	147	Color Macro 59	233-236	0	46	35	0
Color Macro 27	105-108	255	138	186	138	Color Macro 60	237-240	68	0	97	0
Color Macro 28	109-112	255	147	251	147	Color Macro 61	241-244	255	0	0	0
Color Macro 29	113-116	151	138	255	138	Color Macro 62	245-248	0	255	0	0
Color Macro 30	117-120	99	0	255	100	Color Macro 63	249-252	0	0	255	0
Color Macro 31	121-124	138	169	255	138	Color Macro 64	253-255	0	0	0	255
Color Macro 32	125-128	255	255	255	255						

PRIMARY-SECONDARY SETUP

This fixture can operate in a Primary/Secondary configuration. When operating in this mode, one fixture will act as the Primary unit and all other fixtures will act as Secondary units. The Primary unit will control all Secondary units.

To set up Primary/Secondary operation:

1. Connect all fixtures together using standard 5-pin DMX cables (or via Aria wireless DMX).
2. On the Primary fixture, set the desired DMX address and operating mode.
3. On all Secondary fixtures, set the DMX address to the same value as the Primary fixture and set the fixture to Secondary mode in the System Menu (Personality □ Pri/Sec Mode □ Secondary).
4. The Primary fixture will now control all connected Secondary fixtures.

Note: When using Primary/Secondary mode, all fixtures must be set to the same DMX channel mode.

MULTI-UNIT POWER LINKING

This fixture features Seetronic IP65-rated locking power In/Thru sockets on the side of the unit. This allows you to daisy-chain multiple fixtures together using standard power cables (not included).
The maximum number of units that can be linked in this manner is as follows:

- 5 units @ 120V power
- 10 units @ 230V power

DO NOT EXCEED THIS MAXIMUM NUMBER WHEN POWER LINKING UNITS!
All linked units must be of the same make and model type. Do not mix and match units!

REMOTE DEVICE MANAGEMENT (RDM)

NOTE: In order for RDM to work properly, RDM enabled equipment must be used throughout the entire system, including DMX data splitters and wireless systems.

Remote Device Management (RDM) is a protocol that sits on top of the DMX512 data standard for lighting, allowing the DMX systems of the fixtures to be modified and monitored remotely. This protocol is ideal for instances in which a unit is installed in a location that is not easily accessible.

With RDM, the DMX512 system becomes bi-directional, allowing a compatible RDM enabled controller to send out a signal to devices on the wire, as well as allowing the fixture to respond (known as a GET command). The controller can then use its SET command to modify settings that would typically have to be changed or viewed directly via the unit's display screen, including the DMX Address, DMX Channel Mode, and Temperature Sensors.

FIXTURE RDM INFORMATION:

RDM Code	Device ID	Device Model ID	Personality ID
0x1900	Generate by MCU ID	0x001C	Basic 28(1) Standard 40(2) Extended 73(3) Standard CMY 54(4) Extended CMY 63(5) User Mode(6)

* The system randomly allocates 32-bit data based on the microcontroller's 32-bit unique identifier (UID).

Please be aware that not all RDM devices support all RDM features, and therefore it is important to check beforehand to ensure that the equipment that you are considering includes all of the features that you require.

PARAMETER ID	CODE
DISC_UNIQUE_BRANCH	0x0001
DISC_MUTE	0x0002
DISC_UN_MUTE	0x0003
SUPPORTED_PARAMETERS	0x0050
PARAMETER_DESCRIPTION	0x0051
DEVICE_INFO	0x0060
SOFTWARE_VERSION_LABEL	0x00C0
DMX_START_ADDRESS	0x00F0
IDENTIFY_DEVICE	0x1000
DEVICE_MODEL_DESCRIPTION	0x0080
MANUFACT_LABEL	0x0081
DEVICE_LABEL	0x0082
DMX_PERSONALITY	0x00E0
DMX_PERSONALITY_DESCRIPTION	0x00E1
DEVICE_HOURS	0x0400
PAN_INVERT	0x0600
TILT_INVERT	0x0601
PAN_TILT_SWAP	0x0602

MAINTENANCE GUIDELINES



DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Clean the external lens surface regularly with a soft cloth to avoid dirt/debris accumulation.

NEVER use alcohol, solvents, or ammonia-based cleaners.

MAINTENANCE

Regular inspections are recommended to ensure proper function and extended life. There are no user-serviceable parts inside this fixture. Please refer all other service issues to an authorized ADJ service technician. Should you need any spare parts, please order genuine parts from your local ADJ dealer.

Please refer to the following points during routine inspections:

A. A detailed electrical check by an approved electrical engineer every three months to ensure the circuit contacts are in good condition and to prevent overheating.

B. Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.

C. Check for any deformations on the housing, color lenses, rigging hardware, and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow dust to enter the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).

D. Electric power supply cables must not show any damage, material fatigue, or sediment buildup.

NEVER remove the ground prong from the power cable.

FUSE REPLACEMENT

Disconnect the unit from its power source and remove the power cord from the unit. Locate the fuse holder inside the power socket and remove the fuse holder by inserting a flat-head screwdriver and gently prying it out of its slot. Remove the bad fuse and replace it with a new one of the same type and rating. Please note that the fuse holder also includes a slot for a spare fuse, so be careful not to confuse the spare fuse slot with the active fuse slot when installing a new fuse.

ERROR CODES

ERROR CODE	ERROR GROUP
Pan Encoder Error	Encoder Error
Tilt Encoder Error	
Pan Sensor Error	Sensor Error
Tilt Sensor Error	
Zoom Sensor Error	
CPU-B Error	Communication Error
CPU-C Error	
Temp High Error	Temp Error
Temp Sensor Error	
Head Fan Error	Fan Error
Base Fan Error	
EEPROM Error	EEPROM Error

SPECIFICATIONS

SOURCE:
- **PRIMARY:**
  - 4x 60W RGBL LED's
  - Color Temperature: 2700K - 10,000K
  - 20,000 Hour Average LED Life*
- **RING:**
  - 48x 0.5W RGBW LED's
  - 20,000 Hour Average LED Life*

*May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

PHOTOMETRIC DATA (PRIMARY LED's):
- 2,700 Lumens
- CRI: 60

COLOR:
- Primary: 4x Red, Green, Blue and Lime
- Ring: 48x RGBW

EFFECTS:
- Individual pixel control for primary RGBL LED's
- Six-zone control for ring RGBW LED's (8 LED's per zone)
- Motorized zoom range: 3°–45°
- Electronic strobe rate: 1Hz–10Hz

CONTROL / CONNECTIONS:
- (5) DMX Channel Modes (Basic 28 / Standard 40 / Extended 73 / Standard CMY 54 / Extended CMY63)
- DMX, RDM, sACN and ArtNet
- Aria X2 Wireless Management System
- NFC System
- 6 Button Touch Control Panel
- Full Color 180° Reversible LCD Menu Display
- 8 / 16 Bit Resolution Adjustable Movement
- IP20 5 pin XLR DMX In/Out
- IP20 RJ45 In/Out
- IP65 Locking Power In/Out

PAN / TILT:
- Pan: 540/360° (360° Continuous Pan Rotation Option)
- Tilt: 270/360° (360° Continuous Tilt Rotation Option)
- Pan/Tilt Locks
- 3 Phase Motors

SIZE / WEIGHT:
- Length: 10.9" (276mm)
- Width: 7.87" (200mm)
- Vertical Height: 14.34” (364.2mm)
- Weight: 15.4 lbs. (7kg)

ELECTRICAL / THERMAL:
- AC 100-240V - 50/60Hz
- Max Power Consumption: 316 W
- Power Linking: 5 units @120V / 10 units @230V
- Max Ambient Temperature: -13°F to 113°F (-25°C to 45°C)

TECHNICAL DATA:
- DB Rating @ 3ft.: ?dB
- BTU: 0.64
- BTU/H: 2301.75

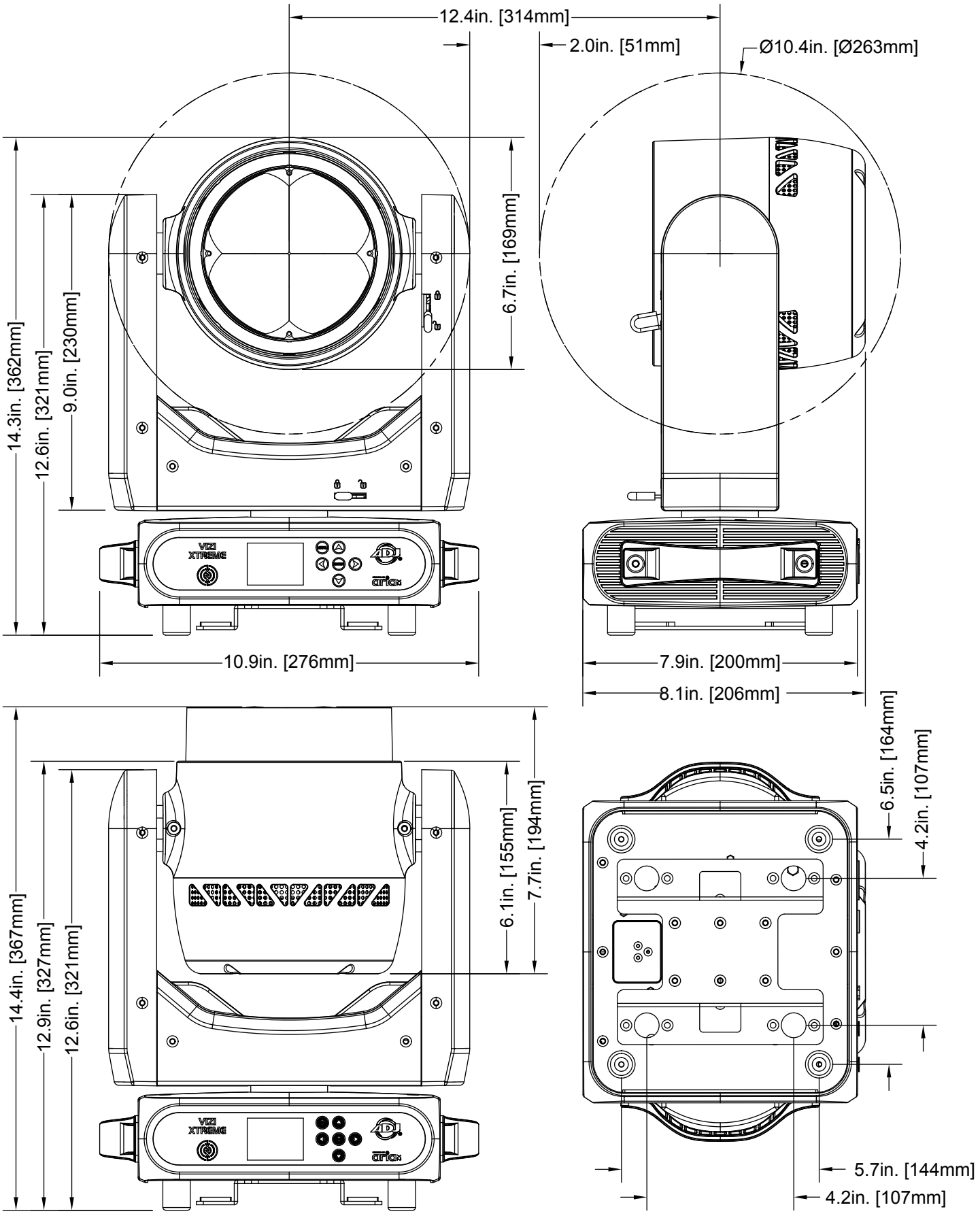
APPROVALS / RATINGS:
- CE, FCC, cETLus (Control # 5028947), IP20

INCLUDED ACCESSORIES:
- (1) Outdoor Locking Power cable (6.5ft.)
- (2) Omega brackets (107mm)
- (1) Safety Cable, 3mm (1.97ft.)

ROAD CASE:
- (2) Vizi Xtreme fixtures fit in the ADJ DRC MH Road Case

Specifications are subject to change without notice.

DIMENSIONAL DRAWINGS



FCC STATEMENT

Please note that changes or modifications to this product that are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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!

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