



# MEGA TRIPAR PROFILE PLUS



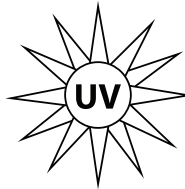
## User Manual

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**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!  
REFER TO THE SAFETY PRECAUTIONS SECTION OF THIS MANUAL FOR DETAILS.**

Europe Energy Saving Notice  
Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

## INTRODUCTION

**Unpacking:** Thank you for purchasing the Mega TRIPAR Profile Plus by ADJ Products, LLC. Every Mega TRIPAR Profile Plus has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In the event that damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

**Introduction:** The ADJ Mega TRIPAR Profile Plus is a DMX intelligent, high powered LED par fixture. This fixture can be used in a stand alone mode or connected in a Master/Slave configuration. This wash has five operating modes: Sound Active mode, Auto mode, RGB + UV Dimmer mode, Static Color mode, and DMX control mode. To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit for future reference.

**Customer Support:** Contact ADJ Service for any product related service and support needs. Also visit [forums.adj.com](http://forums.adj.com) with questions, comments or suggestions.

**Parts:** To purchase parts online visit:

<http://parts.adj.com> (US)

<http://www.adjparts.eu> (EU)

**ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST**

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

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

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

### **ADJ PRODUCTS LLC USA**

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

323-582-2650 | Fax 323-532-2941 | [www.adj.com](http://www.adj.com) | [info@adj.com](mailto:info@adj.com)

### **ADJ SUPPLY Europe B.V**

Junostraat 2 6468 EW Kerkrade, The Netherlands

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

[www.americandj.eu](http://www.americandj.eu) | [info@americandj.eu](mailto:info@americandj.eu)

### **ADJ PRODUCTS GROUP Mexico**

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

+52 (728) 282-7070

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

**CAUTION!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the unlikely event your unit may require service, please contact ADJ Products, LLC.

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

## FEATURES

- Five Operating Modes
- Electronic Dimming 0-100%
- 5 Selectable Dimming Curves
- 64 Color Macros
- Built in Microphone
- DMX-512 protocol
- 3-Pin DMX Connection
- 5 DMX Modes: 4 Channel Mode, 5 Channel Mode, 6 Channel Mode, 9 Channel Mode, & 10 Channel Mode.
- ADJ LED RC2 compatible (Not Included)
- Power Cord Daisy Chain (see ***Power Cord Daisy Chain*** section of this manual)

## WARRANTY REGISTRATION

The Mega TRIPAR Profile Plus carries a 2 year limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompanied by a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain an R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying an R.A. number on the outside of the package will be returned to the shipper.

## INSTALLATION

The unit should be mounted using a mounting clamp (not provided), and affixing it to the mounting bracket that is provided with the unit. Always ensure that the unit is firmly fixed to avoid vibration and slipping during operation. Always ensure that the structure to which you are attaching the unit is secure and is able to support at least 10 times the unit's weight. Always use a safety cable that can hold 12 times the weight of the unit when installing the fixture.

The equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of the general public.

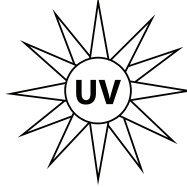
## SAFETY PRECAUTIONS

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or on to your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in the event of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover for any reason. There are no user serviceable parts inside.
- Never operate this unit with the cover removed.
- Never plug this unit into a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6” (15cm) between this device and a wall.
- Do not attempt to operate this unit if it has been damaged in any way.
- This unit is intended for indoor use only. Use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit’s main power.
- Always mount this unit in safe and stable matter.
- Power-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 at which the cords exit from the unit.
- Cleaning - The fixture should be cleaned only as recommended by the manufacturer. See the **Cleaning** section of this manual for details.
- 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 has been damaged.
  - B. Objects have fallen onto, or liquid has been spilled into, the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

## SAFETY PRECAUTIONS

**! CAUTION**

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INTENSITY  
ULTRAVIOLET  
LIGHT**



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WEAR PROPER EYE & SKIN PROTECTION.  
SEE MANUAL FOR SAFETY INSTRUCTIONS.**

- **RISK GROUP 3 - RISK OF EXPOSURE TO ULTRAVIOLET (UV) RADIATION!**
- **FIXTURE EMITS HIGH INTENSITY ULTRAVIOLET (UV) LIGHT AT A WAVELENGTH OF 401NM TO 438NM.**
- **WEAR PROPER EYE AND SKIN PROTECTION.**
- **AVOID PROLONGED PERIODS OF EXPOSURE.**
- **AVOID WEARING WHITE COLOR CLOTHING AND/OR USING (UV) PAINTS ON SKIN.**
- **AVOID DIRECT EYE AND/OR SKIN EXPOSURE AT DISTANCES SHORTER THAN 11 feet (3.3m).**
- **DO NOT OPERATE FIXTURE WITH DAMAGED OR MISSING EXTERNAL COVER PROTECTIVE LENS.**
- **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 DISORDERS, OR INDIVIDUALS USING PHOTSENSITIVE MEDICATION MAY EXPERIENCE DISCOMFORT IF EXPOSED TO THE ULTRAVIOLET (UV) LIGHT EMITTED FROM THIS FIXTURE.**

## DMX SETUP

**Power Supply:** The ADJ Mega TRIPAR Profile Plus features an automatic voltage switch, which will automatically sense the voltage when it is plugged into the power source. With this switch, there is no need to worry about the correct power voltage, and this unit can be plugged in anywhere.

**DMX-512:** DMX is short for Digital Multiplex. This is a universal protocol that is 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. Note that 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):** The Mega TRIPAR Profile Plus can be controlled via DMX-512 protocol. The Mega TRIPAR Profile Plus has 5 DMX modes. Please see the **DMX Traits** section of this manual for detailed information. The DMX address is set on the back panel of the Mega TRIPAR Profile Plus. Your unit and your DMX controller require a standard 3-pin XLR connector for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable. This cable may be purchased at almost all 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.



Figure 1

## DMX SETUP

**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 into contact with the XLR's outer casing. Grounding the shield could cause a short circuit and result in erratic behavior.



Figure 2

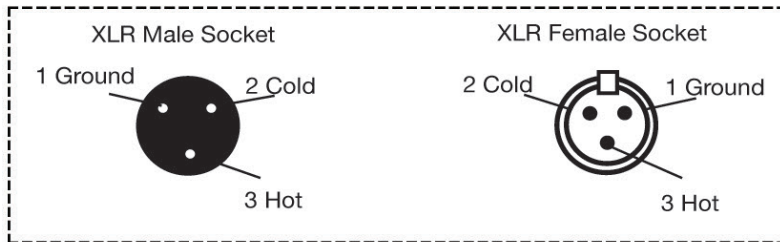
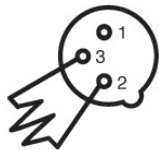


Figure 3

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

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



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

Figure 4

**5-Pin XLR DMX Connectors.** Some manufacturers 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 using cable adaptors, which are readily available at most electronics stores. The chart below details a proper cable conversion.

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



## OPERATING INSTRUCTIONS

**System Menu: The display will lock after 30 seconds. Press and hold the MODE button for 3 seconds to unlock.**

### LED Display On/Off:

To set the LED display to turn off after 10 seconds, press the MODE button until “don” is displayed, then press the UP button to scroll to “doff”. Now the display will disappear after 10s. Press any button to turn the display on again. Please note that the display will turn off automatically after 10 seconds. To set the display press the MODE button until “dXX” is displayed. Use the UP or DOWN buttons to select either:

- “don” = LED display on at all times.
- “doFF” = LED display shuts off after 10 seconds.

### LED Display Inversion:

Flips the display 180°, allowing the display to easily be read when the unit is mounting upside down.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oFF”.
2. Press the SET UP button until “Stnd” is displayed.
3. Press the UP or DOWN buttons to reverse the display 180°.

### Operating Modes:

The Mega TRIPAR Profile Plus has five operating modes:

- Sound-Active mode - The unit will react to sound, chasing through the built in programs. There are 16 sound active modes.
- Color Macro Mode - There are 64 colors to choose from.
- Auto Mode - There are 3 Auto Modes to choose from.
- RGB+UV Dimmer Mode - Choose one of the four colors to remain static, or adjust the intensity of each color to create a custom color.
- DMX control mode - This function will allow you to control each individual DMX trait using a standard DMX 512 controller.

### RGB+UV Dimmer Mode:

1. Plug the fixture in and press the MODE button to adjust individual color settings. The options are as follows:
  - When “r.XXX” is displayed you are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity. Press SET UP to access green dimming.
  - When “G.XXX” is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust intensity.
  - When “b.XXX” is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust intensity.
  - When “u.XXX” is displayed you are in UV dimming mode. Press the UP and DOWN buttons to adjust intensity.
2. After you have adjusted the RGB & UV colors to make your desired color, you can adjust strobing by pressing the SET UP button to enter the Flash (strobe) mode.
3. “FS.XX” will be displayed, indicating that the unit is in Flash mode. The Flash can be adjusted between “FS.00” (flash off) to “FS.15” (fastest flash).

## OPERATING INSTRUCTIONS

### Sound Active Mode:

In this mode the unit will react to sound, and chase through the different colors.

1. Plug the fixture in and press the MODE button until “SoXX” is displayed. “XX” represents the sound active mode (1-16) that is currently selected.
2. The fixture will now change via sound.
3. Press the SET UP button to adjust the sound sensitivity. “SJ-X” should be displayed. Use the UP or DOWN buttons to adjust the sensitivity. “SJ-1” is the lowest sensitivity, “SJ-8” is the highest.

### Auto Run Mode:

There are 3 Auto Run Modes to choose from: Color Fade, Color Change, and both modes running together. The running speed is adjustable in all 3 modes.

1. Plug the fixture in and press the MODE button until either “AFXX”, “AJXX”, or “A-JF” is displayed. Use the SETUP button to scroll through the 3 different Auto Run modes.
  - AFXX = Color Fade mode - There are 16 Color Fade modes to choose from. Use the UP or DOWN buttons to scroll through the different Color Fade modes.
  - AJXX = Color Change mode - There are 16 Color Change modes to choose from. Use the UP or DOWN buttons to scroll through the different Color Change modes.
  - A-JF = Both Color Fade and Color Change modes running.
2. After you have chosen your desired running modes, press the SETUP button until “SP.XX” is displayed. When this is displayed you can adjust the running speed of your desired program. Use the UP or DOWN button to adjust the speed between “SP.01” (slow-est) and “SP.16” (fastest). Once you have set your desired running speed, press the SET UP button to return to your desired Auto Run Mode.

### Static Color Mode:

1. Plug the fixture in and press the MODE button until “CLXX” is displayed.
2. There are 64 colors to choose from. Select your desired color by pressing the UP and DOWN buttons. After you have selected your desired color, you can activate and adjust strobing by pressing the SET UP button to enter the Flash (strobe) mode.
3. “FS.XX” will be displayed, indicating that the unit is in Flash mode. The Flash can be adjusted between “FS.00” (flash off) to “FS.15” (fastest flash).

### DMX Mode:

Operating through a DMX controller gives the user the freedom to create programs tailored to his or her own individual needs. This function also allows the fixtures to be used as spot lights. The Mega TRIPAR Profile Plus has 5 DMX modes: 4 channel mode, 5 channel mode, 6 channel mode, 9 channel mode, and a 10 channel mode. See the **DMX Traits** section of this manual for details.

1. This function will allow you to control each individual fixture’s traits with a standard DMX 512 controller.
2. To run your fixture in DMX mode press the MODE button until “d.XXX” is displayed. “XXX” represents the currently selected DMX address. Use the UP or DOWN buttons to select your desired DMX address, then press the SETUP button to select your DMX Channel mode.
3. Use the UP or DOWN buttons to scroll through the DMX Channel modes. The Channel mode options are 4-channel, 5-channel, 6-channel, 9-channel, or 10-channel.
4. After you have chosen your desired DMX Channel mode, connect the fixture to any standard DMX controller via the XLR connections.

## OPERATING INSTRUCTIONS

### Default Running Mode:

This is a default running mode. When this mode is activated all modes will return to their default settings.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oFF”.
2. Press the SET UP button until “dEFA” is displayed.
3. Press the UP and DOWN buttons simultaneously. Press the MODE button to exit.

### DMX State:

This setting defines the way that the unit will react in the event that the DMX signal is lost or interrupted.

1. Plug the fixture in and press the MODE button until “d.XXX” is displayed. “XXX” represents the currently selected DMX address.
2. Press the SET UP button so that “nodn” is displayed. Use the UP and DOWN buttons to scroll through the DMX states.
  - “bLAC” (Blackout) - If the DMX signal is lost or interrupted, the unit will automatically go into stand by mode.
  - “LASt” (Last State) - If the DMX signal is lost or interrupted, the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
  - “ProG” (Auto Run) - If the DMX signal is lost or interrupted, the unit will automatically go into Auto Run mode.
3. Use the UP and DOWN buttons to find your desired DMX state and press SETUP to confirm and exit.

### Dimmer Curve:

This is used to set the dimming curve used with DMX mode. See the **Dimming Curves** section of this manual for details.

1. Plug the fixture in and press the MODE button until “d.XXX” is displayed. “XXX” represents the currently selected DMX address.
2. Press the SET UP button until “dr-X” is displayed. “X” represents the displayed dimmer curve:
  - 0 - Standard
  - 1 - Stage
  - 2 - TV
  - 3 - Architectural
  - 4 - Theatre
3. Press the UP or DOWN buttons to scroll through and select the desired dimming curve.

### ADJ LED RC2:

This function is used to activate and deactivate the wireless receiver. When activated, this allows the unit to be controlled the ADJ LED RC2 remote control. Please see the **ADJ LED RC2 Operation** section of this manual for details regarding controls and functions.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oFF”.
2. Press the SET UP button until “lrXX” is displayed. “XX” represents either “on” or “oF”.
3. Press the UP or DOWN buttons to either activate the remote function (On) or deactivate it (Off).

## MASTER-SLAVE CONFIGURATION

### **Master-Slave Configuration:**

This function will allow you to link units together to run in a Master-Slave set-up. In a Master-Slave set-up, one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave, but only one unit can be programmed to act as the “Master.”

### **Master-Slave Connections and Settings:**

1. Daisy chain your units together via the XLR connectors on the rear of each unit. Use standard XLR data cables to link your units together. Remember that the male XLR connector is the input, and the female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only, and the last unit in the chain will use the male XLR connector only.
2. Set the “master” unit to the desired mode of operation.
3. Set the “slave” unit(s) to the desired DMX address. They will now follow the actions of the “master” unit.

## ADJ LED RC2 OPERATION

The **ADJ LED RC2** infrared remote (sold separately) has many different functions and offers complete control of your Mega TRIPAR Profile Plus. To control the fixture, the controller must be aimed at the front of the fixture and be within the maximum range of 30 feet. To use the ADJ LED RC2, you must first activate the fixture's infrared receiver, as instructed in the **Operating Instructions** section of this manual.

**BLACKOUT** - Pressing this button will blackout the fixture.

**PROGRAM SELECTION** - This button will let you access color change mode, color fade mode, auto run mode, or static color mode. Pressing this button will cause the unit to scroll to the next mode. When you found your desired mode, use the "+" or "-" buttons to scroll through the programs or static colors. When using the auto run, color fade, or color change modes, press the Speed button and then use the "+" or "-" to adjust the running speed. The currently selected mode is indicated by different colored flashes, as described below:

- *If the Red LED's flash you are in Color Fade Mode.*
- *If the Green LED's flash you are in Color Change Mode.*
- *If the Blue LED's flash you are in Auto Run Mode.*
- *If the UV LED flashes you are in Static Color Mode.*

**FLASH** - This button will activate the strobe effect. You can control the flash rate by pressing the "+" and "-" buttons. Press this button again to exit strobe mode.

**SPEED** - Press this button and use the "+" & "-" buttons to adjust the speed of the auto run, color change, and color fade, or to adjust the sound sensitivity in sound active mode.

**DMX MODE** - Pressing his button will scroll through DMX addressing, DMX Channel mode, DMX last state setting, and dimming curves. When you reach your desired menu/submenu, use the "+" & "-" buttons to scroll through the settings. See the **DMX Traits** section of this manual for full details on DMX channel modes.

**SLAVE/SA (SOUND ACTIVE)** - This button activates sound active mode. The "+" and "-" buttons are used to scroll through the 16 sound active programs. You can also use the number buttons to select your Sound Active program. Press the Speed button to and use the "+" and "-" buttons to adjust the sound sensitivity.

**SET ADDRESS** - Use to set the DMX address. Press the "SET ADDRESS" button first, then press the numbers to set the address. *Example: To set DMX Address as 1, press SET ADDRESS, then press "0-0-1".*

**R G B A** - Press any one of these buttons to select a color, and then press the "+" or "-" to adjust the brightness. *Note that for this device, "A" selects UV dimmer mode.*

**"+" and "-"** - Use these buttons to adjust the flash rate, speed of the built-in programs, sound sensitivity, and program selection.

## DMX CONTROL

Operating through an DMX controller gives the user the ability to create custom programs tailored to his or her own individual needs. Follow the directions below to set your DMX channel mode and address.

1. Before connecting to a DMX controller, please set your unit to the desired DMX channel mode by pressing the DMX Mode button, then using the “+” or “-” buttons to scroll through the DMX Channel Modes. Make sure to set the mode before addressing the fixture. *Please note that the LEDs will flash as described below to indicate which DMX channel mode has been selected.*
  - If All LED’s flash you are in 4 DMX Channel Mode.
  - If the Red LED’s flash you are in 5 DMX Channels Mode
  - If the Green LED’s flash you are in 6 DMX Channel Mode.
  - If the Blue LED’s flash you are in 9 DMX Channel Mode
  - If the UV LED flashes you are in 10 DMX Channel Mode.
2. After the desired DMX channel mode has been selected, set the DMX address for the fixture by pressing the “S” button. The LED’s will flash 2-3 times and all the red LED’s will illuminate. Use the number buttons to press in your desired address. *Note: When setting the DMX address, an LED color will illuminate each time a number key is pressed, and all LEDs will flash 2 to 3 times when you have set the DMX address correctly.*
3. Now you may connect the fixture to any standard DMX controller via the XLR connectors.

## DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION
4CH	5CH	6CH	9CH	10CH		
1	1	1	1	1	000 - 255	<b>Red</b> , 0% to 100%
2	2	2	2	2	000 - 255	<b>Green</b> , 0% to 100%
3	3	3	3	3	000 - 255	<b>Blue</b> , 0% to 100%
4	4	4	4	4	000 - 255	<b>UV</b> , 0% to 100%
						<b>Shutter/Strobe</b>
					000 - 031	LED Off
					032 - 063	LED On
					064 - 095	Strobing, slow to fast
		5	5	5	096 - 127	LED On
					128 - 159	Strobe Pulse, slow to fast
					160 - 191	LED On
					192 - 223	Random Strobe, slow to fast
					224 - 255	LED On
	5	6	3	6	000 - 255	<b>Master Dimmer</b> , 0% to 100%
						<b>Program Selection Mode</b>
					000 - 051	Dimming Mode
			7	7	052 - 102	Color Macro Mode
					103 - 153	Color Change Mode
					154 - 204	Color Fade Mode
					205 - 255	Sound Active Mode
					000 - 255	<b>Color Macro Mode</b> , see <b>Color Macro Chart</b> section of this manual
						<b>Color Change Programs</b>
					000 - 015	Color Change 1
					016 - 031	Color Change 2
					032 - 047	Color Change 3
					048 - 063	Color Change 4
					064 - 079	Color Change 5
			8	8	080 - 095	Color Change 6
					096 - 111	Color Change 7
					112 - 127	Color Change 8
					128 - 143	Color Change 9
					144 - 159	Color Change 10
					160 - 175	Color Change 11
					176 - 191	Color Change 12
					192 - 207	Color Change 13

CONTINUED ON NEXT PAGE

## SYSTEM MENU

CHANNEL					DMX VALUES	FUNCTION
4CH	5CH	6CH	9CH	10CH		
						<b><i>Color Change Programs (continued)</i></b>
					208 - 223	Color Change 14
					224 - 239	Color Change 15
					240 - 255	Color Change 16
						<b><i>Color Fade Programs</i></b>
					000 - 015	Color Fade 1
					016 - 031	Color Fade 2
					032 - 047	Color Fade 3
					048 - 063	Color Fade 4
					064 - 079	Color Fade 5
					080 - 095	Color Fade 6
					096 - 111	Color Fade 7
					112 - 127	Color Fade 8
					128 - 143	Color Fade 9
					144 - 159	Color Fade 10
					160 - 175	Color Fade 11
					176 - 191	Color Fade 12
			8	8	192 - 207	Color Fade 13
					208 - 223	Color Fade 14
					224 - 239	Color Fade 15
					240 - 255	Color Fade 16
						<b><i>Sound Active Programs</i></b>
					000 - 015	Sound Active Mode 1
					016 - 031	Sound Active Mode 2
					032 - 037	Sound Active Mode 3
					048 - 063	Sound Active Mode 4
					064 - 079	Sound Active Mode 5
					080 - 095	Sound Active Mode 6
					096 - 111	Sound Active Mode 7
					112 - 127	Sound Active Mode 8
					128 - 143	Sound Active Mode 9
					144 - 159	Sound Active Mode 10
					160 - 175	Sound Active Mode 11
					176 - 191	Sound Active Mode 12
					192 - 207	Sound Active Mode 13

CONTINUED ON NEXT PAGE



## DMX TRAITS

CHANNEL					DMX VALUES	FUNCTION		
4CH	5CH	6CH	9CH	10CH				
			8	8		<b><i>Sound Active Programs (continued)</i></b>		
							208 - 223	Sound Active Mode 14
							224 - 239	Sound Active Mode 15
							240 - 255	Sound Active Mode 16
			9	9	000 - 255	<b><i>Program Speed</i></b> , slow to fast		
							000 - 255	<b><i>Sound Sensitivity</i></b> , least to most sensitive
			10			<b><i>Dimmer Curves</i></b>		
							000 - 020	Standard
							021 - 040	Stage
							041 - 060	TV
							061 - 080	Architectural
							081 - 100	Theatre
							101 - 255	Default to unit setting

### NOTES FOR 9-CHANNEL AND 10-CHANNEL DMX MODES:

- When Channel 7 is between the values of 0-51, Channels 1-4 are used, and Channel 5 will control strobing.
- When Channel 7 is between the values of 52-102, Channel 8 is in Color Macros Mode, and Channel 5 will control strobing.
- When Channel 7 is between the values of 103-153, Channel 8 is in Color Change Mode, and Channel 9 will control the color change speed.
- When Channel 7 is between the values of 154-204, Channel 8 is in Color Fade Mode, and Channel 9 will control the color fade speed.
- When Channel 7 is between the values of 205-255, Channel 8 is in Sound Active Mode, and Channel 9 will control the sound sensitivity.

## COLOR MACRO CHART

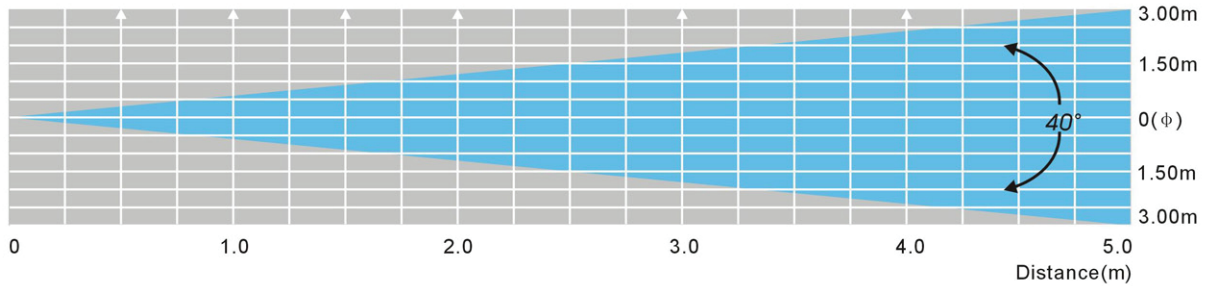
COLOR MACRO NO.	DMX VALUE	RED	GREEN	BLUE	UV
Off	000	0	0	0	0
1	001 - 004	80	255	234	80
2	005 - 008	80	255	164	80
3	009 - 012	77	255	112	77
4	013 - 016	117	255	83	83
5	017 - 020	160	255	77	77
6	021 - 024	223	255	83	83
7	025 - 028	255	243	77	77
8	029 - 032	255	200	74	74
9	033 - 036	255	166	77	77
10	037 - 040	255	125	74	74
11	041 - 044	255	97	77	74
12	045 - 048	255	71	77	71
13	049 - 052	255	83	134	83
14	053 - 056	255	93	182	93
15	057 - 060	255	96	236	96
16	061 - 064	238	93	255	93
17	065 - 068	196	87	255	87
18	069 - 072	150	90	255	90
19	073 - 076	100	77	255	77
20	077 - 080	77	100	255	77
21	081 - 084	67	148	255	67
22	085 - 088	77	195	255	77
23	089 - 092	77	234	255	77
24	093 - 096	158	255	144	144
25	097 - 100	255	251	153	153
26	101 - 104	255	175	147	147
27	105 - 108	255	138	186	138
28	109 - 112	255	147	251	147
29	113 - 116	151	138	255	138
30	117 - 120	99	0	255	100
31	121 - 124	138	169	255	138
32	125 - 128	255	255	255	255
33	129 - 132	255	206	143	0
34	133 - 136	254	177	153	0
35	137 - 140	254	192	138	0
36	141 - 144	254	165	98	0

## COLOR MACROS CHART

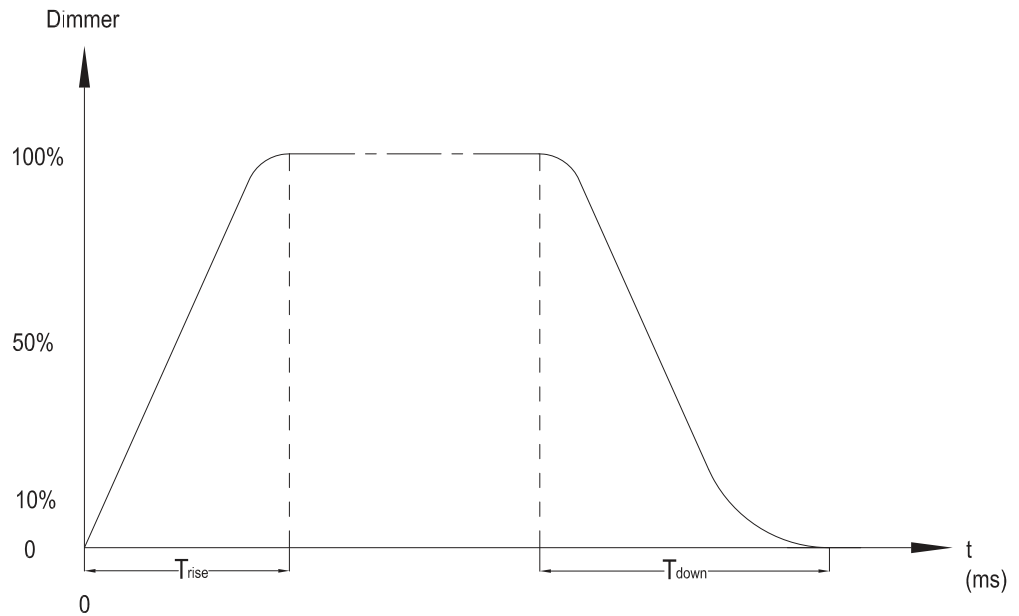
COLOR MACRO NO.	DMX VALUE	RED	GREEN	BLUE	UV
37	145 - 148	254	121	0	0
38	149 - 152	176	17	0	0
39	153 - 156	96	0	11	0
40	157 - 160	234	139	171	0
41	161 - 164	224	5	97	0
42	165 - 168	175	77	173	0
43	169 - 172	119	130	199	0
44	173 - 176	147	164	212	0
45	177 - 180	88	2	163	0
46	181 - 184	0	38	86	0
47	185 - 188	0	142	208	0
48	189 - 192	52	148	209	0
49	193 - 196	1	134	201	0
50	197 - 200	0	145	212	0
51	201 - 204	255	0	0	0
52	205 - 208	0	255	0	0
53	209 - 212	0	83	115	0
54	213 - 216	0	97	166	0
55	217 - 220	1	100	167	0
56	221 - 224	0	40	86	0
57	225 - 228	209	219	182	0
58	229 - 232	42	165	85	0
59	233 - 236	0	46	35	0
60	237 - 240	8	107	222	0
61	241 - 244	107	156	231	0
62	245 - 248	165	198	247	0
63	249 - 252	0	0	255	0
64	253 - 255	0	0	0	255


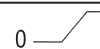
# PHOTOMETRIC CHART

R	D40	935	317	119	66.3	42.1	lux
G	D40	1185	313	124	64.7	44.2	
B	D40	1340	331	135	73.7	46.6	
UV	D40	194	53.9	25.1	14.7	9.2	
RGB+UV	D40	3020	774	330	177	115.5	



# DIMMER CURVE CHART



Ramp Effect	0  255 OS (Fade Time)		0  255 1S (Fade Time)	
	$T_{rise}$ (ms)	$T_{down}$ (ms)	$T_{rise}$ (ms)	$T_{down}$ (ms)
Standard	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

## POWER CORD DAISY CHAIN

This feature allows multiple fixtures to be linked together via the IEC input and output sockets.

**The maximum number of units that can be connected in this manner is 30 fixtures.** After this value has been reached, an additional power outlet must be used to accommodate any additional fixtures.

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

## 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 with a new one. Please note that the fuse holder also includes a slot for a spare fuse, so be careful not to confuse the spare fuse slot for the active fuse slot when installing a new fuse.

## TROUBLE SHOOTING

Listed below are some common problems the user may encounter, with potential solutions.

### ***Unit not responding to DMX:***

Check that the DMX cables are connected and wired correctly (pin 3 is “hot”; on some other DMX devices pin 2 may be “hot”). Also, check that all cables are connected to the right connectors, as the way in which the inputs and outputs are connected does have an effect on the operation of the device.

### ***Unit does not respond to sound:***

- Quiet or high pitched sounds will not activate the unit.
- Make sure that Sound Active mode is enabled.

## CLEANING

Due to fog residue, smoke, and dust, cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

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

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

## WARRANTY

- A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service, you must obtain a Return Authorization number (RA#) before sending the product back—please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be prepaid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall incur no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.
- C. This warranty is void if the product serial number and/or labels are altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because it was not properly maintained as set forth in the product instructions, guidelines and/or user manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning, or periodic checkup. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.
- E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.
- F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And all warranties, whether expressed or implied, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. The consumer's and/or dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Product, LLC be liable for any loss and/or damage, direct and/or consequential arising out of the use of, and/or inability to use this product.
- G. This warranty is the only written warranty applicable to ADJ Products, LLC products, and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

### MANUFACTURER'S LIMITED WARRANTY PERIODS:

- Non-LED Lighting Products = 1-Year (365 Days) (Including Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands, Power/Data Distribution, etc. excluding LED and lamps)
- Laser Products = 1-Year (365 Days) (excluding laser diodes which have a 6-Month Limited Warranty)
- LED Products = 2-Year (730 Days) (excluding batteries which have a 180 Day Limited Warranty)
- NOTE: 2-Year (730 Days) Limited Warranty ONLY applies to product purchased within the United States.
- StarTec Series = 1-Year (365 Days) (excluding batteries which have a 180 Day Limited Warranty)
- ADJ DMX Controllers = 2 Year (730 Days)
- American Audio Products = 1 Year (365 Days)

## SPECIFICATIONS

<b>Model:</b>	<b>Mega TRIPAR Profile Plus</b>
Voltage:	100V ~ 240V / 50~60Hz
LEDs:	5 x 4W 4-in-1 LEDs (RGB + UV)
UV Wavelength:	401~438 NM
Beam Angle:	40 Degrees
Working Position:	Any safe working position
Power Draw:	21W
Power Cord Daisy	30 fixtures max
Chain: Fuse:	2 Amp
Weight:	1.23 Kgs
Dimensions:	225mm (L) x 220mm (W) x 85mm (H)
Colors:	RGB + UV Mixing
DMX Channels:	5 DMX Modes: 4-, 5-, 6-, 9-, and 10-channel mode
Warranty:	2 Years (730 Days)

**Auto Sensing Voltage:** This fixture contains an automatic voltage switch, which will automatically sense the voltage when it is plugged into a power source.

**Please Note:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

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ADJ Products, LLC  
6122 S. Eastern Ave. Los Angeles, CA 90040 USA  
Tel: 323-582-2650 / Fax: 323-725-2941  
Web: [www.adj.com](http://www.adj.com) / E-mail: [info@adj.com](mailto:info@adj.com)

A.D.J. Supply Europe B.V.  
Junostraat 2  
6468 EW Kerkrade  
The Netherlands  
[support@adjgroup.eu](mailto:support@adjgroup.eu) / [www.adj.eu](http://www.adj.eu)  
Tel: +31 45 546 85 00 / Fax: +31 45 546 85 99

