TRIBAR
SPOT

User Instructions

Unpacking: Thank you for purchasing the TRIBAR Spot by ADJ Products, LLC. Every TRIBAR Spot 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 has arrived intact. In the case 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 TRIBAR Spot is part of a continuing pursuit to create high quality intelligent lighting. The TRIBAR Spot is an exciting all-in-one DMX intelligent LED pin spot system. This lighting system features six RGB color mixing LED fixtures. This fixture can be used in a stand alone mode or connected in a Master/Slave configuration. This system has six operating modes: Sound Active mode, Auto Run mode, Built-In Program mode, Static Color Mode, RGB dimmer mode, and DMX control mode.

Customer Support: ADJ Products, LLC provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.adj.com for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

      Voice: (323) 582-3322
      Fax: (323) 582-3108
      E-mail: support@adj.com

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, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact ADJ Products, LLC.

PLEASE recycle the shipping carton when ever possible.
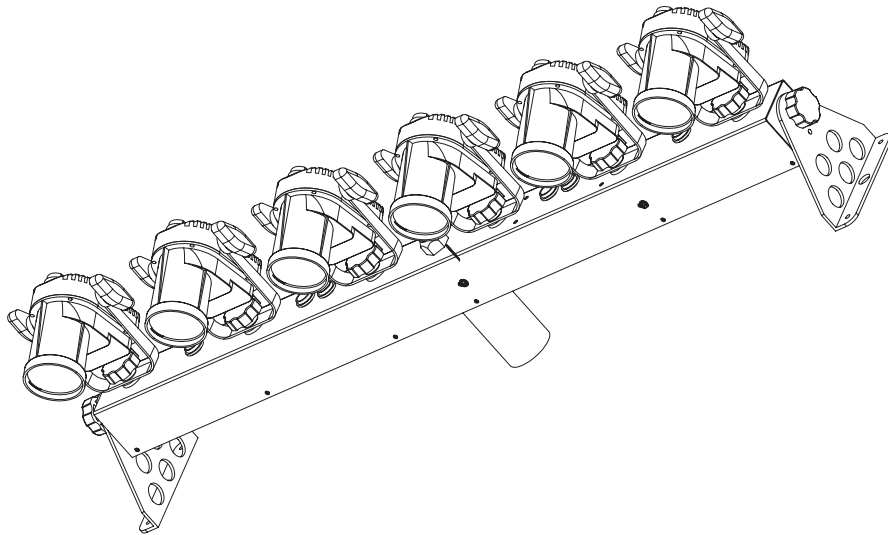
To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

TRIBAR Spot Features

- Mulit-Colors
- Six Operating Modes
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- 3-Pin DMX Connection
- 7 DMX Modes: 3 Channel Mode, 5 Channel Mode, 6 Channel Mode, 8 Channel Mode, another 8 Channel Mode, 11 Channel Mode, & 20 Channel Mode
- ADJ LED RC Compatiable (Not Included)

TRIBAR Spot Warranty Registration

The TRIBAR Spot carries a 3 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 accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper 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 a R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying a R.A. number on the outside of the package will be returned to the shipper.

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Never plug this unit in to 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 becomes damaged.
- This unit is intended for indoor use only, use of this product out` doors 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 they exit from the unit.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 24 for cleaning 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, 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.

Power Supply: The ADJ TRIBAR Spot contains a automatic voltage switch, which will auto sense the voltage when it is plugged into a power source. With this switch there is no need to worry about the correct power voltage, this unit can be plugged in anywhere.

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

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

Data Cable (DMX Cable) Requirements (For DMX Operation): The TRIBAR Spot can be controlled via DMX-512 protocol. The TRIBAR Spot has 7 DMX channel modes, please see page 9 for the different modes. The DMX address is set on the back panel of the TRIBAR Spot. 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 and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.

Figure 1

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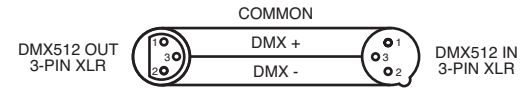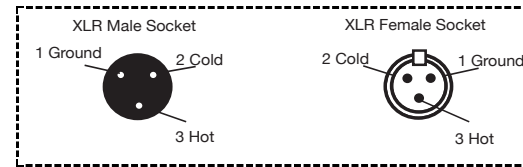

Figure 2

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

Figure 3

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

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

Figure 4

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

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

LED Display On/Off: To make the display stay ON all of the time press the MODE and UP buttons at the same time. To make the display turn OFF after 20 seconds, press the MODE and DOWN buttons at the same time.

Operating Modes:

The TRIBAR Spot has six operating modes:
*   Sound-Active mode - The unit will react to sound, chasing through the built in programs.
*   Built-In Program - There are 22 built-in programs to choose from.
*   Auto Mode - This will run a automatic program.
*   Static Color Mode - There are 7 colors to choose from.
*   RGB Dimmer Mode - Choose one of the three colors to remain static or adjust the intensity of each color to make your desired color.
*   DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller such as as the ADJ Show Designer™.

Sound Active Mode:

In this mode the TRIBAR Spot will react to sound, and chase through the different colors.
1. Plug the fixture in and press the MODE button until "SU.XX" is displayed. "XX" represents the sound sensitivity setting (0-31) currently displayed. Use the UP or DOWN buttons to adjust the sensitivity. "SU.01" is the least sensitive, "SU.31" is the most.
2. The fixture will now change via sound.
3. Press the SET UP button and FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.00" (flash off) to "FS.99" (fastest flash). After you have either activated or chosen not to activate the flash mode, press the SET UP button.

Built-In Program Mode:

1. Plug the fixture in and press the MODE button until "Pr.XX" is displayed. "XX" represents a number from 1-22. Use the UP or DOWN buttons to scroll through the 22 programs. Programs 21 and 22 have adjustable colors. Once you have found your desired program press the SET UP button.
2. Pressing the SET UP button will display "SP.XX". 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"

(slowest) and "SP.99" (fastest). Once you have set your desired running speed, you can press the SET UP button to to enter the Fade adjustment mode.
2. Pressing the SET UP button will display "Fd.XX". When this is displayed you can adjust the fade speed of your desired program. Use the UP or DOWN button to adjust the speed between "Fd.01" (fastest) and "Fd.99" (slowest) or "Fd.00" (Off). Once you have set your desired fade speed, you can press the SET UP button to to enter the Flash (Strobe) mode.
3. After pressing SET UP, "FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.00" (flash off) to "FS.99" (fastest flash).
*   ***PROGRAMS 21 & 22 -*** If you have chose programs 21 or 22, after the Flash mode, press the SET UP button. "C1.OX" will be displayed. This is the base color, use the UP and DOWN buttons to scroll through the 7 colors. Once you have chosen your base color, press the SET UP button again so that"C2.OX" is displayed. This is the moving color, use the UP and DOWN buttons to scroll through the 7 colors.

Auto Run Mode:

1. Plug the fixture in and press the MODE button until "AUTO", is displayed.
2. Press the SET UP button and FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.00" (flash off) to "FS.99" (fastest flash). After you have either activated or chosen not to activate the flash mode, press the SET UP button.
3. Once you press the SET UP button "Fd.XX" will be displayed. When this is displayed you are able to adjust the fade speed of the auto run. Use the UP or DOWN button to adjust the speed between "Fd.01" (fastest) and "Fd.99" (slowest) or "Fd.00" (Off).

Static Color Mode:

1. Plug the fixture in and press the MODE button until "CO.-X" is displayed.
2. There are 7 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 strobing by pressing the SET UP button to enter the Flash (strobe) mode.
3. "FS.XX" will be displayed, this is Flash mode. The Flash can be

adjusted between "FS.00" (flash off) to "FS.99" (fastest flash).

RGB Dimmer Mode:

1. Plug the fixture in and press the MODE button until "CoLr" is displayed, then press the SET UP button.
2. When "r.XXX" is displayed you are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity. Press the SET UP button to move to the next color adjustment.
3. When "G.XXX" is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust intensity. Press the SET UP button to move to the next color adjustment.
4. When "b.XXX" is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust intensity. Press the SET UP button to move to the next color adjustment.
5. After you have adjusted the RGB colors to make your desired color you can then activate strobing by pressing the SET UP button to enter the Flash (strobe) mode.
6. "FS.XX" will be displayed, this is Flash mode. The Flash can be adjusted between "FS.00" (flash off) to "FS.99" (fastest flash).

DMX Mode:

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your fixtures as spot lights. The TRIBAR Spot has 7 DMX modes: 3 Channel mode, 5 Channel mode, 6 Channel mode, 8 Channel mode, another 8 Channel mode, 11 Channel mode, and a 20 Channel mode. See pages 15-22 for each modes' DMX traits.

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 current displayed 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 modes are listed below:
 • To run the 3 Channel Mode, press the MODE button until "CH-1" is displayed. This is the 3 Channel DMX Mode.
 • To run the 5 Channel Mode, press the MODE button until "CH-2" is displayed. This is the 5 Channel DMX Mode.

 • To run the 6 Channel Mode, press the MODE button until "CH-3" is displayed. This is the 6 Channel DMX Mode.
 • To run the 8 Channel Mode, press the MODE button until "CH-4" is displayed. This is the 8 Channel DMX Mode.
 • To run the other 8 Channel Mode, press the MODE button until "CH-5" is displayed. This is the other 8 Channel DMX Mode.
 • To run the 11 Channel Mode, press the MODE button until "CH-6" is displayed. This is the 11 Channel DMX Mode.
 • To run the 20 Channel Mode, press the MODE button until "CH-7" is displayed. This is the 20 Channel DMX Mode.
4. Please see pages 15-22 for DMX values and traits.
5. After you have chosen your desired DMX Channel mode plug in the fixture via the XLR connections to any standard DMX controller.

ADJ LED RC (Remote Control) On/Off:

This function is used to activate and deactivate the ADJ LED RC (sold separately). When this function is activated you can control the fixture using the ADJ LED RC. Please see page 11 for RFC controls and functions.

1. Plug the fixture in and press the MODE button until "AUTO" is displayed*.*
2. Press the SET UP button until "Ir.XX" 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:

This function will allows you to link units together to run in a Master-Slave mode. In Master-Slave operation 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 however, only one unit can be programmed to act as the "Master."

Master-Slave Connections and Settings:

1. Daisy chain your units via the XLR connector on the rear of the 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 ouput. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Set the "Master" unit to your desired operating mode and then connect the "Slave" unit or units.
3. For the "Slave" unit(s) press the MODE button until "SLAu" is displayed. The "Slave" unit(s) will now follow the "Master" unit.

The **ADJ LED RC** infrared remote (sold separately) has many differnet functions and gives you complete control of your TRIBAR Spot. To control the your desired fixture you must aim the controller at the front of the fixture and be no more the 30 feet away. To use the ADJ LED RC you must first activate the fixtures infrared receiver, to activate the receiver please see the instructions on page 10.

BLACKOUT - Pressing this button will blackout the fixture.

AUTO RUN - This button will run an automatic program. You activate strobing by pressing the FLASH button, then using the "+" or "-" to adjust the flash rate. Press the FLASH button twice to enter the Fade speed setting. Use the "+" or "-" to adjust the fade speed.

PROGRAM SELECTION - This button activates static color mode and program mode. Pressing this button will switch between the two modes.

In static color mode, use the "+" and "-" buttons to scroll through the 7 static colors. Press the Flash Button to activate strobing and use the "+" & "-" buttons to adjust the strobe speed.

In built in program mode, use the "+" and "-" buttons to scroll through the 22 different programs. Press the SPEED button and use the "+" and "-" buttons to adjust the programs running speed. Press the Flash Button to activate strobing and use the "+" & "-" buttons to adjust the strobe speed. Press the FLASH Button twice to enter the fade speed setting and use the "+" & "-" buttons to adjust the fade speed.

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 built in programs.

DMX MODE - This button will let you select which DMX mode you want to use. Some fixtures will come with different DMX channel modes. This button will switch between the different modes. Please see pages 15-22 for DMX modes, values, and traits.

SOUND ACTIVE - This button activates sound active mode. Use the

"+" or "-" to adjust the sound sensitivity. Press the Flash Button to activate strobing and use the "+" & "-" buttons to adjust the strobe speed.

SLAVE - This designates the fixture as a slave fixture in a master/slave configuration.

SET ADDRESS - Press this button to set the DMX address. Press this button first, then press the numbers to set the address. If all LED's flash after entering the third number of the address, this indicates that the DMX address is correct/okay, and it will automatically go into DMX Mode. If the DMX address is wrong, the red LED's will light up.
Example: Set DMX Address 1 Press "S-0-0-1"
      Set DMX Address 245 Press "S-2-4-5"

R G B - Press either one of these buttons and the press the "+" or "-" to adjust the brightness. Press the Flash Button to activate strobing and use the "+" & "-" buttons to adjust the strobe speed.

"+" and "-" - Use these buttons to scroll through built in programs and static colors, adjust the flash rate while strobing, adjust the speed of the built in programs, adjust the sound sensitivity, and to adjust the intensity of the RGB colors.

DMX Control:
Operating through an DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. Follow the directions below to set your DMX Mode and address.
1. Before connecting to an DMX controller, your fixture has different DMX channel modes, please select your desired mode by pressing the DMX Mode button, then using the "+" or "-" buttons to scroll through the DMX Channel Modes. Set the mode before you address the fixture. See the bottom of this page for the DMX modes.

2. After you have selected your mode, set the DMX address for the fixture by pressing the "S" button. When the "S" button is pressed the LED's will flash 2-3 times. Use the number buttons to press in your desired address. See *"SET ADDRESS"* on this page for examples.

Note: When seeing the DMX address each time a number is pressed a LED color will glow, when you have set the DMX address correctly all LED's will flash 2-3 times.

3. Now you may connect the fixture via the XLR connections to any standard DMX controller. Please see pages 15-22 to for a detailed descriptions of the DMX modes, values, and traits.

• *If the Red LED's glow you are in DMX Mode 1: 3 DMX Channels.*
• *If the Green LED's glow you are in DMX Mode 2: 5 DMX Channels.*
• *If the Blue LED's glow you are in DMX Mode 3: 6 DMX Channels.*
• *If the Red & Green LED's glow you are in DMX Mode 4: 8 DMX Channels.*
• *If the Red & Blue LED's glow you are in DMX Mode 5: The other 8 DMX Channel Mode.*
• *If the Green & Blue LED's glow you are in DMX Mode 6: 11 DMX Channels.*
• *If all the LED's glow you are in DMX Mode 7: 20 DMX Channels.*

TRIBAR Spot   **Photometric Chart**

R	D12	474	100	45	25	16	
G	D12	300	65	29	17	11	lux
B	D12	369	80	35	20	13	
RGB	D12	925	232	92	52	33	
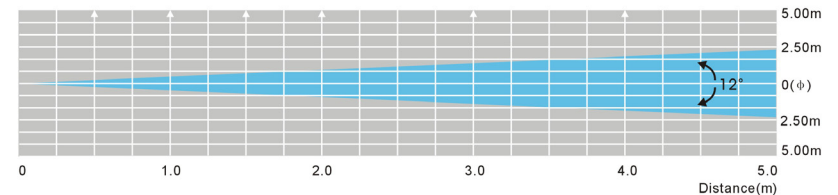
TRIBAR Spot		3 Channel DMX Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%

TRIBAR Spot		5 Channel DMX Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 7 8 - 255	STROBING NO FUNCTION STROBING SLOW - FAST
5	0 - 255	MASTER DIMMER 0% - 100%

TRIBAR Spot		6 Channel DMX Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 255	COLOR MACROS (Please see the color macro chart page 23)
5	0 - 7 8 - 255	STROBING NO FUNCTION STROBING SLOW - FAST
6	0 - 255	MASTER DIMMER 0% - 100%

Note: When Channel 4 is being used, Channels 1, 2, & 3 will not work.

Channel	Value	Function
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		COLOR MACROS
	0 - 255	(Please see the color macro chart page 23)
5		PROGRAMS
	0 - 15	NO FUNCTION
	16 - 25	PROGRAM 1
	26 - 35	PROGRAM 2
	36 - 45	PROGRAM 3
	46 - 55	PROGRAM 4
	56 - 65	PROGRAM 5
	66 - 75	PROGRAM 6
	76 - 85	PROGRAM 7
	86 - 95	PROGRAM 8
	96 - 105	PROGRAM 9
	106 - 115	PROGRAM 10
	116 - 125	PROGRAM 11
	126 - 135	PROGRAM 12
	136 - 145	PROGRAM 13
	146 - 155	PROGRAM 14
	156 - 165	PROGRAM 15
	166 - 175	PROGRAM 16
	176 - 185	PROGRAM 17
	186 - 195	PROGRAM 18
	196 - 205	PROGRAM 19
	206 - 215	PROGRAM 20
	216 - 225	PROGRAM 21
	226 - 235	PROGRAM 22
	236 - 245	AUTO RUN
	246 - 255	SOUND ACTIVE

Channel	Value	Function
6		PROGRAM SPEED/SOUND SENSITIVITY
	0 - 255	SLOW - FAST
	0 - 255	LEAST SENSITIVE - MOST SENSITIVE
7		STROBING
	0 - 7	NO FUNCTION
	8 - 255	STROBING SLOW - FAST
8		MASTER DIMMER
	0 - 255	0% - 100%

Note: When Channel 4 is being used, Channels 1, 2, & 3 will not work.

When Channel 5 is between the values of 16 - 235 , Channel 6 will control the speed of the programs.

When Channel 5 is between the values of 216 - 235 (Programs 21 & 22), Channel 3 will let you select a flow color, and Channel 4 will let you select a base color. Channel 6 will control the speed of the flow color. See the Color Macro Chart on page 22 to select your flow color and base color.

When Channel 5 is between the values of 246 - 255 , Channel 6 will control the sound sensitivity.

TRIBAR Spot		8 Channel DMX Mode
Channel	**Value**	**Function**
1		RED (PINSPOTS 1-3)
	0 - 255	0% - 100%
2		GREEN (PINSPOTS 1-3)
	0 - 255	0% - 100%
3		BLUE (PINSPOTS 1-3)
	0 - 255	0% - 100%
4		RED (PINSPOTS 4-6)
	0 - 255	0% - 100%
5		GREEN (PINSPOTS 4-6)
	0 - 255	0% - 100%
6		BLUE (PINSPOTS 4-6)
	0 - 255	0% - 100%
7		STROBING
	0 - 7	NO FUNCTION
	8 - 255	STROBING SLOW - FAST
8		MASTER DIMMER
	0 - 255	0% - 100%

TRIBAR Spot		11 Channel DMX Mode
Channel	**Value**	**Function**
1		RED (PINSPOTS 1 & 2)
	0 - 255	0% - 100%
2		GREEN (PINSPOTS 1 & 2)
	0 - 255	0% - 100%
3		BLUE (PINSPOTS 1 & 2)
	0 - 255	0% - 100%
4		RED (PINSPOTS 3 & 4)
	0 - 255	0% - 100%
5		GREEN (PINSPOTS 3 & 4)
	0 - 255	0% - 100%
6		BLUE (PINSPOTS 3 & 4)
	0 - 255	0% - 100%
7		RED (PINSPOTS 5 & 6)
	0 - 255	0% - 100%
8		GREEN (PINSPOTS 5 & 6)
	0 - 255	0% - 100%
9		BLUE (PINSPOTS 5 & 6)
	0 - 255	0% - 100%
10		STROBING
	0 - 7	NO FUNCTION
	8 - 255	STROBING SLOW - FAST
11		MASTER DIMMER
	0 - 255	0% - 100%

TRIBAR Spot		20 Channel DMX Mode
Channel	**Value**	**Function**
1		RED (PINSPOT 1)
	0 - 255	0% - 100%
2		GREEN (PINSPOT 1)
	0 - 255	0% - 100%
3		BLUE (PINSPOT 1)
	0 - 255	0% - 100%
4		RED (PINSPOT 2)
	0 - 255	0% - 100%
5		GREEN (PINSPOT 2)
	0 - 255	0% - 100%
6		BLUE (PINSPOT 2)
	0 - 255	0% - 100%
7		RED (PINSPOT 3)
	0 - 255	0% - 100%
8		GREEN (PINSPOT 3)
	0 - 255	0% - 100%
9		BLUE (PINSPOT 3)
	0 - 255	0% - 100%
10		RED (PINSPOT 4)
	0 - 255	0% - 100%
11		GREEN (PINSPOT 4)
	0 - 255	0% - 100%
12		BLUE (PINSPOT 4)
	0 - 255	0% - 100%
13		RED (PINSPOT 5)
	0 - 255	0% - 100%
14		GREEN (PINSPOT 5)
	0 - 255	0% - 100%
15		BLUE (PINSPOT 5)
	0 - 255	0% - 100%
16		RED (PINSPOT 6)
	0 - 255	0% - 100%
17		GREEN (PINSPOT 6)
	0 - 255	0% - 100%

TRIBAR Spot		20 Channel DMX Mode
Channel	**Value**	**Function**
18		BLUE (PINSPOT 6)
	0 - 255	0% - 100%
19		STROBING
	0 - 7	NO FUNCTION
	8 - 255	STROBING SLOW - FAST
20		MASTER DIMMER
	0 - 255	0% - 100%

COLOR MACROS	
1 - 7	BASTARD AMBER
8 - 15	MEDIUM AMBER
16 - 23	PALE AMBER GOLD
24 - 31	GALLO GOLD
32 - 39	GOLDEN AMBER
40 - 47	LIGHT RED
48 - 55	MEDIUM RED
56 - 63	MEDIUM PINK
64 - 71	BROADWAY PINK
72 - 79	FOLLIES PINK
80 - 87	LIGHT LAVENDER
88 - 95	SPECIAL LAVENDER
96 - 103	LAVENDER
104 - 111	INDIGO
112 - 119	HEMSLEY BLUE
120 - 127	TIPTON BLUE
128 - 135	LIGHT STEEL BLUE
136 - 143	LIGHT SKY BLUE
144 - 151	SKY BLUE
152 - 159	BRILLIANT BLUE
160 - 167	LIGHT GREEN BLUE
168 - 175	BRIGHT BLUE
176 - 183	PRIMARY BLUE
184 - 191	CONGO BLUE
192 - 199	PALE YELLOW GREEN
200 - 207	MOSS GREEN
208 - 215	PRIMARY GREEN
216 - 223	DOUBLE CTB
224 - 231	FULL CTB
232 - 239	HALF CTB
240 - 247	DARK BLUE
248 - 255	WHITE

With this feature you can connect the fixtures to one another using the IEC input and output sockets. The quantity that can be connected is 25 fixtures maximum. After 25 fixtures you will need to use a new power outlet. They must be the same fixtures. DO NOT mix fixtures.

Disconnect the unit from its power source. Remove the power cord from the unit. Once the cord has been removed, you will find that the fuse holder is located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder also has a holder for a spare fuse.

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:
1. Check that the DMX cables are connected properly and are 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; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:
1. Quiet or high pitched sounds will not activate the unit.
2. Make sure that Sound Active mode is activated.

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.
1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

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

MANUFACTURER'S LIMITED WARRANTY

A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. **For warranty service you must obtain a Return Authorization number (RA#) before sending back the product–please contact ADJ Products, LLC Service Department at 800-322-6337**. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in it's original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear indentifying marks to that effect.

E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon it's products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published. This warranty was revised after December 1, 2012.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- **Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED, Laser Products and lamps)
- **Laser Products = 90-Day Limited Warranty**
- **L.E.D. Products = 3-year (1095 days) Limited Warranty** (excluding motors, PCB boards, and power supplies, which have a 1-year (365 day Limited Warranty) and batteries which have a 180 day limited warranty). Only the L.E.D.s carry a 3-year warranty

Model: TRIBAR Spot

Voltage:	100V ~ 240V 50/60Hz
LEDs:	6 x 5W 3-in-1 LED's
Beam Angle:	12 Degrees
Power Consumption:	40W
Power Cord Daisy Chain:	25 Fixtures Max.
Fuse:	1 Amp
Weight:	11lbs./ 4.9Kgs.
Dimensions:	31.5" (L) x 3.54" (W) x 9.05" (H)
	800 x 90 x 230mm
Colors:	RGB Color Mixing
DMX Channels:	7 DMX Modes: 3 Channel Mode, 5 Channel Mode, 6 Channel Mode, 8 Channel Mode, another 8 Channel Mode, 11 Channel Mode, & 20 Channel Mode
Working Position:	Any safe working position
Warranty:	3 Year (1,095 days)

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

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

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