MEGA TRI 60

AMERICAN DJ®

User Instructions

Unpacking: Thank you for purchasing the Mega Tri 60 by American DJ®. Every Mega Tri 60 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 American DJ® Mega Tri 60 is part of a continuing pursuit to create high quality intelligent lighting. The Mega Tri 60 is a professional indoor, DMX intelligent, high powered LED bar fixture. This fixture can be used in a stand alone mode or connected in a Master/ Slave configuration. This wash has six operating modes: Sound Active mode, Static Color mode, Program mode, Auto Run mode, RGB 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: American DJ 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.American DJ.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@AmericanDJ.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 American DJ.

PLEASE recycle the shipping carton when ever possible.

- Multi-Colors
- Six Operating Modes
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- 3-Pin DMX Connection
- Six DMX Modes: 3 Channel Mode, 5 Channel Mode, 6 Channel Mode, 8 Channel Mode, 11 Channel Mode, and 29 Channel Mode.
- ADJ LED RC compatiable (Not Included)
- Power Cord Daisy Chain (See page 22)

Mega Tri 60   **Warranty Registration**

The Mega Tri 60 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.

Mega Tri 60   **Installation**

The unit should be mounted using a mounting clamp (not provided), affixing it to the mounting bracket that is provided with the unit.
Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times the unit's weight. Also, always use a safety cable that can hold 12 times the weight of the unit when installing the fixture.
The equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of people's grasp.

Mega Tri 60   **Safety Precautions**

- 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 22 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 American DJ Mega Tri 60 contains a automatic voltage switch, which will auto 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, 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 Mega Tri 60 can be controlled via DMX-512 protocol. The Mega Tri 60 has 6 DMX channel modes, please see page 9 for the different modes. The DMX address is set on the back panel of the Mega Tri 60. 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.
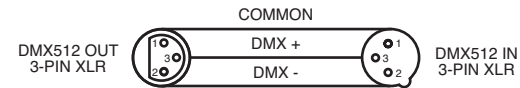

Figure 2

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

Operating Modes:

The Mega Tri 60 has six operating modes:
- Sound Active mode - The unit will react to sound, chasing through the built in programs.
- Static Color Mode - There are 7 colors to choose from.
- Program Mode - Choose from 1 of 22 built-in programs.
- Auto Mode - The unit will auotmatically cycle through all the programs.
- RGB 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 American DJ® Show Designer™.

Sound Active Mode:

In this mode the Mega Tri 60 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 level (0-31) currently displayed, 0 being no sound sensitivity, and 31 being the highest sensitivity. Use the UP and DOWN buttons to adjust the sound sensitivity.
2. The fixture will now change via sound.
3. To activate flash (strobe) press the SET UP button so that "FS.XX" is displayed. "XX" is the current flash rate that is displayed (00-99), "FS.00" (flash off) to "FS.99" (fastest flash). Use the UP or DOWN buttons to adjust the flash rate.

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).

Program Mode:

1. Plug the fixture in and press the MODE button until "Pr.XX" is displayed.

2. There are 22 programs to choose from. Select your desired program by pressing the UP and DOWN buttons. After you have selected your desired program you can adjust the program speed by pressing the SET UP button so that "SP.XX" is displayed. "XX" represents a number between 01-99, 01 being the slowest speed, 99 being the fastest. Use the UP or DOWN buttons to adjust the program speed.
3. Press the SET UP button again, and "Fd.XX" will be displayed, this is fade speed adjustment. "XX" represents a number between 00-99, 00 is off, 01 the fastest speed, and 99 the slowest speed. Use the UP or DOWN buttons to adjust the fade speed.
4. Press the SET UP button again, and "FS.XX" will be displayed, this is the flash (strobe) function. "XX" represents a number between 00-99, "FS.00" (flash off) to "FS.99" (fastest flash). Use the UP or DOWN buttons to adjust the flash speed.

NOTE: When eiither programs 21 and 22 are being used, there is an color option after the flash function. When SET UP is pressed after the flash function, "1.XXX" will be displayed. This is the setting for the base color in these programs. Press the UP or DOWN buttons to change and find your desired base color. After setting the base color press the SET UP button again, and "2.XXX" will be displayed. This is the setting for the moving color. Press the UP or DOWN buttons to change and find your desired moving color.

Auto Run Mode:

In Auto Run mode, color fade can be activated and the fade speed adjusted. You can also activate strobing and adjust the strobe rate.
1. Plug the fixture in and press the MODE button until either "AUTO" is displayed.
2. When "AUTO" is displayed press the SET UP button to adjust the fade speed, flash (strobe) speed, and program cycles.
- Fd.XX = This is fade speed adjustment, Use the UP or DOWN buttons to adjust the speed between "Fd.01" (fastest) and "Fd.01" (slowest). When "Fd.00" is displayed, the fade is off.
- FS.XX = This is flash (strobe) adjustment, Use the UP or DOWN buttons to adjust the speed between "FS.00" (flash off) to "FS.99" (fastest flash).
- n.XXX = This setting allows you to set the number of times you would like each of the programs to cycle before moving on to the next program.

Example: "n.002" means that the color change program will cycle twice,

then go to the next program, the next program will cycle twice, then move on to the next program, and continue.

RGB Dimmer Mode:

1. Plug the fixture in and press the MODE button until:
2. When "r.XXX" is displayed you are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity.
3. When "G.XXX" is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust intensity.
4. When "b.XXX" is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust intensity.
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 Mega Tri 60 has 6 DMX modes: 3 Channel mode, 5 Channel mode, 6 Channel mode, 8 Channel mode, 11 Channel mode, and a 29 Channel mode. See pages 14-20 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 11 Channel Mode, press the MODE button until "CH-5" is displayed. This is the 11 Channel DMX Mode.
   To run the 29 Channel Mode, press the MODE button until "CH-6" is displayed. This is the 29 Channel DMX Mode.
4. Please see pages 14-20 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:

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

1. Plug the fixture in and press the MODE button until "AUTO" is displayed.
2. Press the SET UP button until "IrXX" 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 mode of operation.
3. On the "Slave" unit, press the MODE button until "Slav" is displayed. Once "Slav" is displayed connect the "Slave" unit to the "Master." The "Slave" unit will now follow the "Master".

The **ADJ LED RC** infrared remote (sold seperately) has many differnet functions and gives you complete control of your Mega Tri 60. 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 can set the number of program cycles by pressing the SPEED button first and then pressing the "+" and "-" buttons. See Auto Run Mode on page 8 for more information program cycles. You activate strobing by pressing the FLASH button, then using the "+" or "-" to adjust the flash rate.

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 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 time 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 Auto run.

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 14-20 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.
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 programs and static colors, adjust the flash rate while strobing, adjust the speed of the Auto Run and running 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 and all the red LED's will light. Use the number buttons to press in your desired address. See ***"SET ADDRESS"*** on this page for examples.

Note: When seeting 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 14-20 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: 11 DMX Channels.***
• ***If the Green & Blue LED's glow you are in DMX Mode 6: 29 DMX Channels.***

Mega Tri 60	3 Channel - DMX Values & Functions	
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%

Mega Tri 60		5 Channel - DMX Values & Functions
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		STROBING
	0 - 7	NO STROBING
	8 - 255	STROBING SLOW - FAST
5		MASTER DIMMER
	0 - 255	0% - 100%

Mega Tri 60		6 Channel - DMX Values & Functions
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4	0 - 255	COLOR MACROS
		(See Color Macros Table on page 21)
5		STROBING
	0 - 7	NOTHING
	8 - 255	STROBING SLOW - FAST
6		MASTER DIMMER
	0 - 255	0% - 100%

Channels 1, 2, and 3 will not work, when Channel 4 is being used.

Mega Tri 60		8 Channel - DMX Values & Functions
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4	0 - 255	COLOR MACROS
		(See Color Macros Table on page 21)
5		PROGRAMS
	0 - 15	OFF
	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

Mega Tri 60		8 Channel - DMX Values & Functions
Channel	**Value**	**Function**
6		PROGRAM SPEED/SOUND SENSITIVITY
	0 - 255	PROGRAM SPEED SLOW - FAST
	0 - 255	SOUND SENSITIVITY
		LEAST SENSITIVE - MOST SENSITIVE
7		STROBING
	0 - 7	NOTHING
	8 - 255	STROBING SLOW - FAST
8		MASTER DIMMER
	0 - 255	0% - 100%

Channels 1, 2, and 3 will not work, when Channel 4 is being used.
When using Channel 5 values 16-235, Channel 6 will control the speed of the programs.
When using Channel 5 values 246-255, Channel 6 will control the sound sensitivity.
When using Channel 5 values 216-235, Channel 3 will select the moving color, while Channel 4 will select the base color, and Channel 6 will control the speed of the moving color.

Mega Tri 60		11 Channel - DMX Values & Functions
Channel	**Value**	**Function**
1		RED LEDs 1-3
	0 - 255	0% - 100%
2		GREEN LEDs 1-3
	0 - 255	0% - 100%
3		BLUE LEDs 1-3
	0 - 255	0% - 100%
4		RED LEDs 4-6
	0 - 255	0% - 100%
5		GREEN LEDs 4-6
	0 - 255	0% - 100%
6		BLUE LEDs 4-6
	0 - 255	0% - 100%
7		RED LEDs 7-9
	0 - 255	0% - 100%
8		GREEN LEDs 7-9
	0 - 255	0% - 100%
9		BLUE LEDs 7-9
	0 - 255	0% - 100%
10		STROBING
	0 - 7	NO STROBING
	8 - 255	STROBING SLOW - FAST
11		MASTER DIMMER
	0 - 255	0% - 100%

Mega Tri 60		29 Channel - DMX Values & Functions
Channel	**Value**	**Function**
1		RED LED 1
	0 - 255	0% - 100%
2		GREEN LED 1
	0 - 255	0% - 100%
3		BLUE LED 1
	0 - 255	0% - 100%
4		RED LED 2
	0 - 255	0% - 100%
5		GREEN LED 2
	0 - 255	0% - 100%
6		BLUE LED 2
	0 - 255	0% - 100%
7		RED LED 3
	0 - 255	0% - 100%
8		GREEN LED 3
	0 - 255	0% - 100%
9		BLUE LED 3
	0 - 255	0% - 100%
10		RED LED 4
	0 - 255	0% - 100%
11		GREEN LED 4
	0 - 255	0% - 100%
12		BLUE LED 4
	0 - 255	0% - 100%
13		RED LED 5
	0 - 255	0% - 100%
14		GREEN LED 5
	0 - 255	0% - 100%
15		BLUE LED 5
	0 - 255	0% - 100%
16		RED LED 6
	0 - 255	0% - 100%
17		GREEN LED 6
	0 - 255	0% - 100%

Mega Tri 60		29 Channel - DMX Values & Functions
Channel	**Value**	**Function**
18		BLUE LED 6
	0 - 255	0% - 100%
19		RED LED 7
	0 - 255	0% - 100%
20		GREEN LED 7
	0 - 255	0% - 100%
21		BLUE LED 7
	0 - 255	0% - 100%
22		RED LED 8
	0 - 255	0% - 100%
23		GREEN LED 8
	0 - 255	0% - 100%
24		BLUE LED 8
	0 - 255	0% - 100%
25		RED LED 9
	0 - 255	0% - 100%
26		GREEN LED 9
	0 - 255	0% - 100%
27		BLUE LED 9
	0 - 255	0% - 100%
28		STROBING
	0 - 7	NO STROBING
	8 - 255	STROBING SLOW - FAST
29		MASTER DIMMER
	0 - 255	0% - 100%

COLOR MACROS

Range	Color
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

Photometric chart for Mega Tri 60. Beam angle 25°. Distance (m) axis with readings at 3.25m, 1.63m, 0(φ), 1.63m, 3.25m.

		lux				
R	G	B	RGB			Distance (m)
100	95	124	289			5.0
143	146	181	423			4.0
258	228	296	699			3.0
492	461	587	1390			2.0
1320	1310	1410	3610			1.0
D25	D25	D25	D25			0
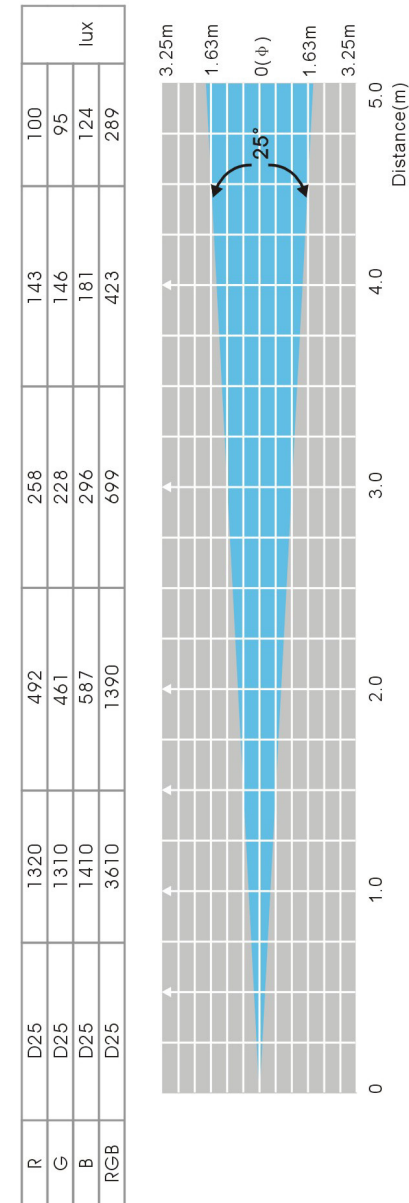
Mega Tri 60   Power Cord Daisy Chain

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 20 fixtures maximum. After 20 fixtures you will need to use a new power outlet. They must be the same fixtures. DO NOT mix fixtures.

Mega Tri 60   Fuse Replacement

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

Mega Tri 60   Trouble Shooting

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.

Mega Tri 60   Cleaning

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

Mega Tri 60   Warranty

MANUFACTURER'S LIMITED WARRANTY
A.   American DJ, Inc. hereby warrants, to the original purchaser, American DJ and American Audio 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. Contact American DJ, Inc. Service Department at 800-322-6337. Send the product only to the American DJ, Inc. factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, American DJ, Inc. 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, American DJ, Inc. 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 American DJ, Inc. concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the American DJ, Inc. factory unless prior written authorization was issued to purchaser by American DJ, Inc.; 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, American DJ, Inc. 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 American DJ, Inc. under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of American DJ. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E.   American DJ, Inc. 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 manufac- tured. 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 American DJ, Inc. in connection with this product, including warranties of mer- chantability or fitness, are limited in duration to the warranty period set forth above. And no warran- ties, 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 American DJ, Inc. 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 American DJ and American Audio Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:
• All American Audio Products = 1-year (365 day) Limited Warranty (except V-Plus Series Amplifiers)
• All American Audio V-Plus Series Amplifiers = 3-year (1095 day) Limited Warranty
• American DJ Lighting and American DJ Branded Products = 1-year (365 day) 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 Laser Products, lamps, and Star Tec Series)
• American DJ Laser Products and Star Tec Products = 90-Day Limited Warranty
• American DJ L.E.D. Products = 3-year (1095 day) 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).

Model: Mega Tri 60

Voltage:	100V ~ 240V/50~60Hz
LEDs:	9 x 3W 3-in-1 Tri LED's
Beam Angle:	25 Degrees
Working Position:	Any safe working position
Power Draw:	40W
Power Cord Daisy Chain:	20 Fixtures Max.
Fuse:	1A
Weight:	7lbs./ 3Kgs.
Dimensions:	23.75" (L) x 3" (W) x 4" (H) 600 x 70 x 96mm
Colors:	RGB Color Mixing
DMX Channels:	6 DMX Modes: 3 Channel Mode, 5 Channel Mode, 6 Channel Mode, 8 Channel Mode, 11 Channel Mode, & 29 Channel Mode
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.