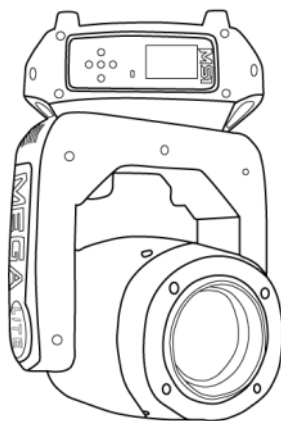


MS1



USER MANUAL

Table of Contents

Safety Information.....	3
Specifications.....	4
Main Power Connection.....	5
DMX-512 Connection.....	5
Size and Weight.....	6
Gobo's and Colors.....	7
Main Control Menu.....	8
Rigging the Fixture.....	9
DMX Profile.....	10
Cleaning & Maintenance.....	14
Parts List.....	14

Check that the unit has not been damaged during transport



Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire



Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
3. Replace fuse only with the specified type and rating.
4. Do Not install the unit too close to a heat source.
5. Make sure cables are properly secured away from unit movement.
6. Maximum surface operating temperature 104°F.

Protection Against Electrical Damage



Electrical

1. Disconnect power before lamp replacement or servicing.
2. For connection to main power supply proceed to page 5.
3. This unit must be earthed. (electronically grounded)
4. Do not expose unit to rain or moisture.
5. Unit must not be left on for a long period of time.

Protection Against Mechanical Hazards



Mechanical

1. Use safety chain when hanging unit.
2. Use quality clamps or bolts when positioning unit
3. Do not open unit risk of electrical shock.

Specifications

Part Numbers

Fixture	Lamp	Flight Case	
1210 - MS1	150W LED	CAS-1210-4	Quad Road Case

Mechanical Specifications

Pan:	540° 8/16 Bit	Tilt:	270° 8/16 Bit	3phase Motors
DMX Connectors:	3 and 5-pin XLR connectors			
Power Connectors:	Power Con Type In/Out			
Thermal:	Maximum ambient temperature 110° F Maximum surface temperature 140° F			
Fastening System:	2 Quick Release Bi Directional Clamp Mounts			
Power Switch:	On/Off			
Fuse:	F5A 250V			
Angle:	8°			

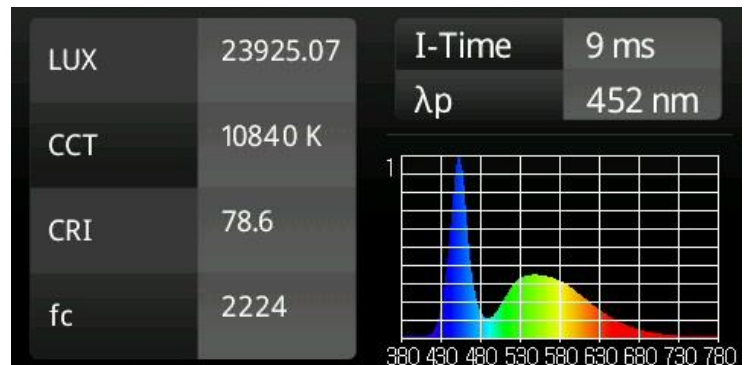
Electrical Specifications

LED Type:	150W LED Single Color
Power Supply:	Auto Switch 100V-240V 50/60 HZ
Power Consumption:	Watts: 236W Amps: 2.97
Ballast:	Electronic
Display:	LCD Display
RDM:	Yes RDM Protocol
Colling:	Intelligent thermo sensing fans. Temperature over 104° F fan will engage

Electromechanical Effects

Shutter:	Electronic Shutter strobe 20 flash per second
Prism 1:	6 Facet Circular Overlay Prism
Prism 2:	4 Facet Circular Overlay Prism
Animation Effect:	3 Segment Animation Effect
Rotation Gobo:	6 Bi Rotational gobo's (not removable)
Focus:	Mechanical Focus
Color:	7 Colors + Open

Output at 10 Feet 8° Degree:





Main Power Connection

Caution!

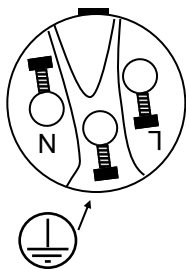
1. Do not connect fixture to a dimmer system.
2. This unit must be earthed. (electronically grounded)
3. Replace fuse only with the specified type and rating.
4. Power link maximum 5 units at 110V, 11 units at 220V

This device is equipped with a auto switching power supply that will allow you to work from 100V-240V 50/60Hz

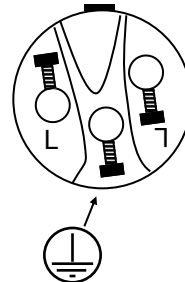
The occupation of the connection-cable is as follows:

Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground		

110V
Connection



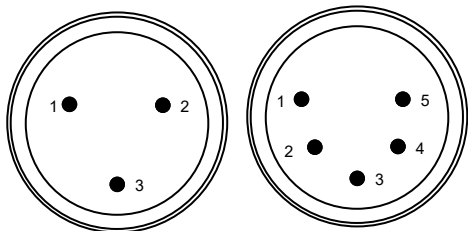
220V
Connection



DMX-512 Connection

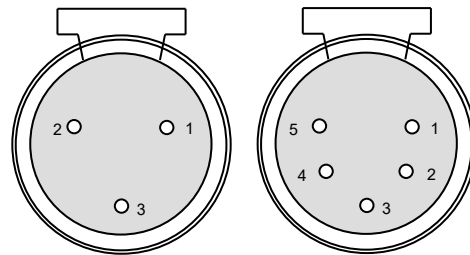
The fixture is equipped with 3 and 5 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 or 5 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—Input



DMX—Output

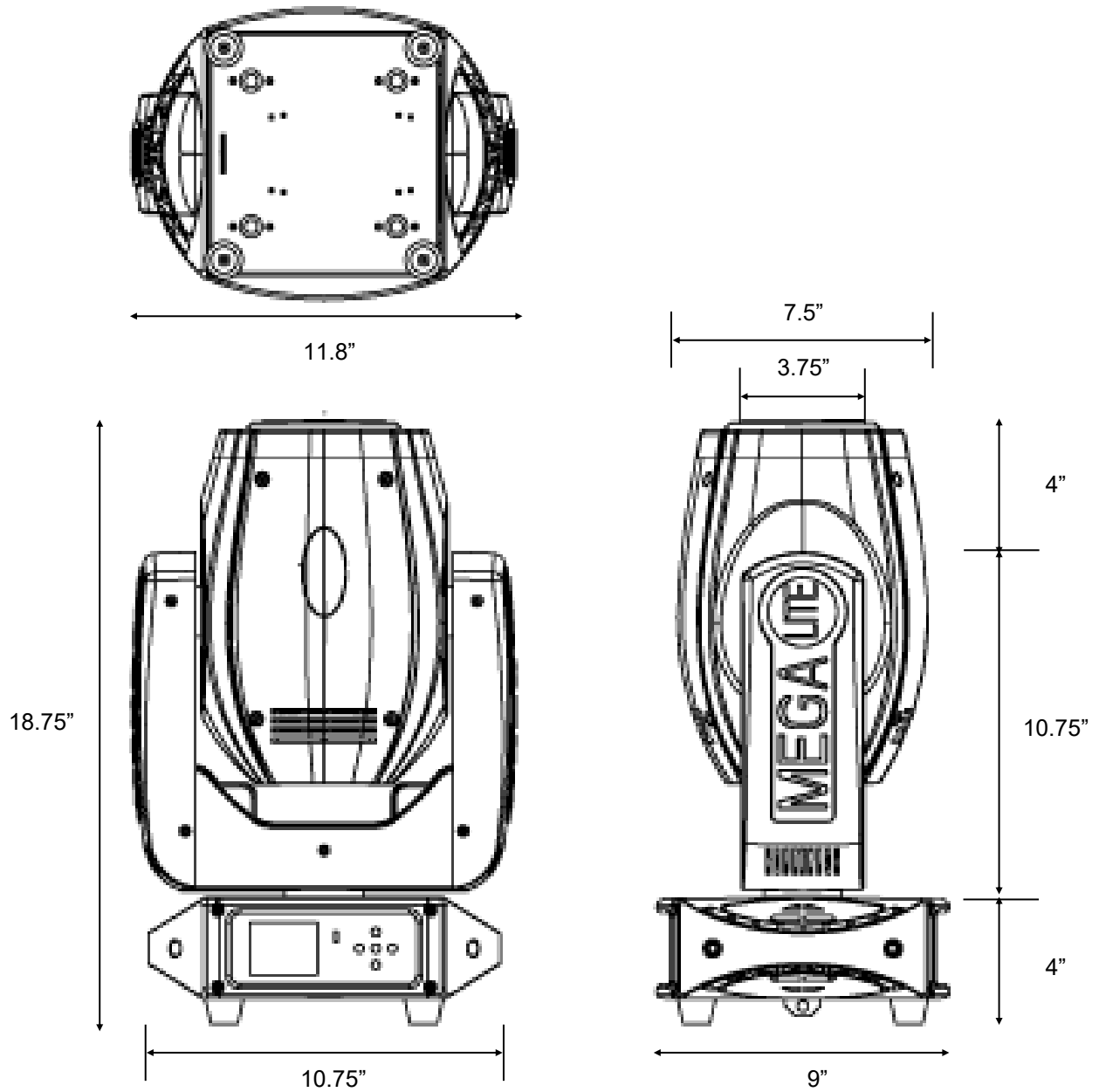
1. Shield
2. Signal (-)
3. Signal (+)
4. N/A
5. N/A



Caution!

At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 or 5 pin XLR plug and plug it in to the last fixture on the signal run. Pre-manufactured terminator plugs are available for purchase from your Mega-Lite dealer (P-DMX-T).

Size and Weight



Size

11.8" x 9" x 18.75"

Packaged Size

14" x 12.5" x 23"

Weight

Net 24.5lb

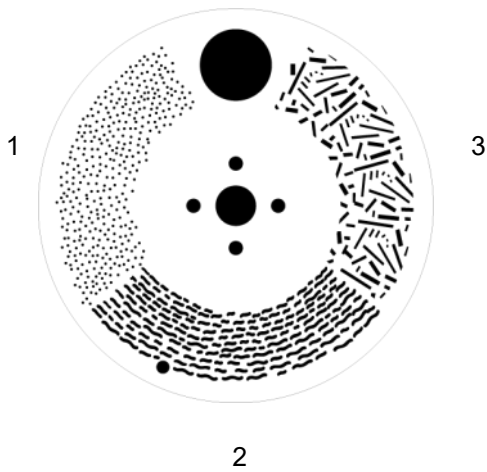
Gross 26lb

Gobo's and Color

Colors



Animation Effect



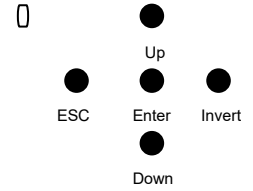
Gobo's (non removable)



Display Control

Main Control

The control board on the fixture base is your interface to access and control all the functions on the unit. It's LCD display gives you a code view of the options and functions. The following will explain each function and its options. Press ESC to Enter Main Menu



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Main Menu</td></tr> <tr><td>DMX Address</td><td style="text-align: right;">001</td></tr> <tr><td>Fixture</td><td style="text-align: right;">▶</td></tr> <tr><td>Manual</td><td style="text-align: right;">▶</td></tr> <tr><td>Information</td><td style="text-align: right;">▶</td></tr> <tr><td>Calibration</td><td style="text-align: right;">▶</td></tr> <tr><td>Fixture Reset</td><td style="text-align: right;">▶</td></tr> <tr><td>Display</td><td style="text-align: right;">▶</td></tr> </table>	Main Menu		DMX Address	001	Fixture	▶	Manual	▶	Information	▶	Calibration	▶	Fixture Reset	▶	Display	▶	<h3>DMX Address</h3>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">DMX Yes Mode 17Ch</td></tr> <tr><td colspan="2" style="text-align: center; font-size: 2em;">001</td></tr> </table>	DMX Yes Mode 17Ch		001		<p>To Select the fixtures start address channel Press Enter use the Up Down button to select the fixtures start address. Press Enter to confirm</p>
Main Menu																							
DMX Address	001																						
Fixture	▶																						
Manual	▶																						
Information	▶																						
Calibration	▶																						
Fixture Reset	▶																						
Display	▶																						
DMX Yes Mode 17Ch																							
001																							

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Main Menu</td></tr> <tr><td>DMX Address</td><td style="text-align: right;">001</td></tr> <tr><td>Fixture</td><td style="text-align: right;">▶</td></tr> <tr><td>Manual</td><td style="text-align: right;">▶</td></tr> <tr><td>Information</td><td style="text-align: right;">▶</td></tr> <tr><td>Calibration</td><td style="text-align: right;">▶</td></tr> <tr><td>Fixture Reset</td><td style="text-align: right;">▶</td></tr> <tr><td>Display</td><td style="text-align: right;">▶</td></tr> </table>	Main Menu		DMX Address	001	Fixture	▶	Manual	▶	Information	▶	Calibration	▶	Fixture Reset	▶	Display	▶	<h3>Fixture</h3>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Fixture</td></tr> <tr><td>DMX Mode</td><td style="text-align: right;">Ch17</td></tr> <tr><td>Run Mode</td><td style="text-align: right;">DMX</td></tr> <tr><td>Pan Invert</td><td style="text-align: right;">No</td></tr> <tr><td>Tilt Invert</td><td style="text-align: right;">No</td></tr> </table>	Fixture		DMX Mode	Ch17	Run Mode	DMX	Pan Invert	No	Tilt Invert	No	<table style="width: 100%;"> <tr> <td style="width: 50%;">DMX Mode</td> <td>CH Mode CH17, CH20</td> </tr> <tr> <td>Run</td> <td>DMX, Master, Audio</td> </tr> <tr> <td>Pan</td> <td>Invert Yes or No</td> </tr> <tr> <td>Tilt</td> <td>invert Yes or No</td> </tr> </table>	DMX Mode	CH Mode CH17, CH20	Run	DMX, Master, Audio	Pan	Invert Yes or No	Tilt	invert Yes or No
Main Menu																																					
DMX Address	001																																				
Fixture	▶																																				
Manual	▶																																				
Information	▶																																				
Calibration	▶																																				
Fixture Reset	▶																																				
Display	▶																																				
Fixture																																					
DMX Mode	Ch17																																				
Run Mode	DMX																																				
Pan Invert	No																																				
Tilt Invert	No																																				
DMX Mode	CH Mode CH17, CH20																																				
Run	DMX, Master, Audio																																				
Pan	Invert Yes or No																																				
Tilt	invert Yes or No																																				

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Main Menu</td></tr> <tr><td>DMX Address</td><td style="text-align: right;">001</td></tr> <tr><td>Fixture</td><td style="text-align: right;">▶</td></tr> <tr><td>Manual</td><td style="text-align: right;">▶</td></tr> <tr><td>Information</td><td style="text-align: right;">▶</td></tr> <tr><td>Calibration</td><td style="text-align: right;">▶</td></tr> <tr><td>Fixture Reset</td><td style="text-align: right;">▶</td></tr> <tr><td>Display</td><td style="text-align: right;">▶</td></tr> </table>	Main Menu		DMX Address	001	Fixture	▶	Manual	▶	Information	▶	Calibration	▶	Fixture Reset	▶	Display	▶	<h3>Manual</h3>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Manual</td></tr> <tr><td>Pan</td><td style="text-align: right;">000</td></tr> <tr><td>Pan Fine</td><td style="text-align: right;">000</td></tr> <tr><td>Tilt</td><td style="text-align: right;">000</td></tr> <tr><td>Tilt Fine</td><td style="text-align: right;">000</td></tr> <tr><td>P/T Speed</td><td style="text-align: right;">000</td></tr> <tr><td>Dim</td><td style="text-align: right;">000</td></tr> </table>	Manual		Pan	000	Pan Fine	000	Tilt	000	Tilt Fine	000	P/T Speed	000	Dim	000	<p>Gives you manual control of each functions. Press Enter over the function and you will have 255 steps of control.</p>
Main Menu																																	
DMX Address	001																																
Fixture	▶																																
Manual	▶																																
Information	▶																																
Calibration	▶																																
Fixture Reset	▶																																
Display	▶																																
Manual																																	
Pan	000																																
Pan Fine	000																																
Tilt	000																																
Tilt Fine	000																																
P/T Speed	000																																
Dim	000																																

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Main Menu</td></tr> <tr><td>DMX Address</td><td style="text-align: right;">001</td></tr> <tr><td>Fixture</td><td style="text-align: right;">▶</td></tr> <tr><td>Manual</td><td style="text-align: right;">▶</td></tr> <tr><td>Information</td><td style="text-align: right;">▶</td></tr> <tr><td>Calibration</td><td style="text-align: right;">▶</td></tr> <tr><td>Fixture Reset</td><td style="text-align: right;">▶</td></tr> <tr><td>Display</td><td style="text-align: right;">▶</td></tr> </table>	Main Menu		DMX Address	001	Fixture	▶	Manual	▶	Information	▶	Calibration	▶	Fixture Reset	▶	Display	▶	<h3>Information</h3>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Information</td></tr> <tr><td>Time</td><td style="text-align: right;"> </td></tr> <tr><td>Sensor</td><td style="text-align: right;"> </td></tr> <tr><td>Temperature</td><td style="text-align: right;"> </td></tr> <tr><td>Software Version</td><td style="text-align: right;"> </td></tr> </table>	Information		Time		Sensor		Temperature		Software Version		<p>Fixture Information</p>
Main Menu																													
DMX Address	001																												
Fixture	▶																												
Manual	▶																												
Information	▶																												
Calibration	▶																												
Fixture Reset	▶																												
Display	▶																												
Information																													
Time																													
Sensor																													
Temperature																													
Software Version																													

<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td colspan="2">Main Menu</td></tr> <tr><td>DMX Address</td><td style="text-align: right;">001</td></tr> <tr><td>Fixture</td><td style="text-align: right;">▶</td></tr> <tr><td>Manual</td><td style="text-align: right;">▶</td></tr> <tr><td>Information</td><td style="text-align: right;">▶</td></tr> <tr style="background-color: #e0e0e0;"><td>Calibration</td><td style="text-align: right;">▶</td></tr> <tr><td>Fixture Reset</td><td style="text-align: right;">▶</td></tr> <tr><td>Display</td><td style="text-align: right;">▶</td></tr> </table>	Main Menu		DMX Address	001	Fixture	▶	Manual	▶	Information	▶	Calibration	▶	Fixture Reset	▶	Display	▶	<h3>Calibration</h3> <table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td colspan="2">Calibration</td></tr> <tr style="background-color: #e0e0e0;"><td>Password</td><td style="text-align: right;">000</td></tr> <tr><td>Pan</td><td style="text-align: right;">000</td></tr> <tr><td>Pan Fine</td><td style="text-align: right;">000</td></tr> <tr><td>Tilt</td><td style="text-align: right;">000</td></tr> <tr><td>Tilt Fine</td><td style="text-align: right;">000</td></tr> <tr><td>P/T Speed</td><td style="text-align: right;">000</td></tr> </table>	Calibration		Password	000	Pan	000	Pan Fine	000	Tilt	000	Tilt Fine	000	P/T Speed	000	<p>Warning this function is for trained factory technicians!</p>
Main Menu																																
DMX Address	001																															
Fixture	▶																															
Manual	▶																															
Information	▶																															
Calibration	▶																															
Fixture Reset	▶																															
Display	▶																															
Calibration																																
Password	000																															
Pan	000																															
Pan Fine	000																															
Tilt	000																															
Tilt Fine	000																															
P/T Speed	000																															

<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td colspan="2">Main Menu</td></tr> <tr><td>DMX Address</td><td style="text-align: right;">001</td></tr> <tr><td>Fixture</td><td style="text-align: right;">▶</td></tr> <tr><td>Manual</td><td style="text-align: right;">▶</td></tr> <tr><td>Information</td><td style="text-align: right;">▶</td></tr> <tr><td>Calibration</td><td style="text-align: right;">▶</td></tr> <tr style="background-color: #e0e0e0;"><td>Fixture Reset</td><td style="text-align: right;">▶</td></tr> <tr><td>Display</td><td style="text-align: right;">▶</td></tr> </table>	Main Menu		DMX Address	001	Fixture	▶	Manual	▶	Information	▶	Calibration	▶	Fixture Reset	▶	Display	▶	<h3>Fixture Reset</h3> <table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td colspan="2">Fixture Reset</td></tr> <tr style="background-color: #e0e0e0;"><td>Motor Reset</td><td></td></tr> <tr><td>Factory</td><td></td></tr> </table>	Fixture Reset		Motor Reset		Factory		<p>Lets you reset motor function on the fixture</p>
Main Menu																								
DMX Address	001																							
Fixture	▶																							
Manual	▶																							
Information	▶																							
Calibration	▶																							
Fixture Reset	▶																							
Display	▶																							
Fixture Reset																								
Motor Reset																								
Factory																								

<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td colspan="2">Main Menu</td></tr> <tr><td>DMX Address</td><td style="text-align: right;">001</td></tr> <tr><td>Fixture</td><td style="text-align: right;">▶</td></tr> <tr><td>Manual</td><td style="text-align: right;">▶</td></tr> <tr><td>Information</td><td style="text-align: right;">▶</td></tr> <tr><td>Calibration</td><td style="text-align: right;">▶</td></tr> <tr><td>Fixture Reset</td><td style="text-align: right;">▶</td></tr> <tr style="background-color: #e0e0e0;"><td>Display</td><td style="text-align: right;">▶</td></tr> </table>	Main Menu		DMX Address	001	Fixture	▶	Manual	▶	Information	▶	Calibration	▶	Fixture Reset	▶	Display	▶	<h3>Display</h3> <table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td colspan="2">Display</td></tr> <tr style="background-color: #e0e0e0;"><td>Display Invert</td><td style="text-align: right;">Normal</td></tr> <tr><td>Display Mode</td><td style="text-align: right;">60s</td></tr> </table>	Display		Display Invert	Normal	Display Mode	60s	<p>Display Invert Will invert display to use when fixture is hanging</p> <p>Display Mode Will give you option for display to shut off after a sur-tain amount of time or display to stay on.</p>
Main Menu																								
DMX Address	001																							
Fixture	▶																							
Manual	▶																							
Information	▶																							
Calibration	▶																							
Fixture Reset	▶																							
Display	▶																							
Display																								
Display Invert	Normal																							
Display Mode	60s																							

Rigging the Fixture

Caution!

1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injures if you have doubts concerning the safety do not install.
3. Unit is to be 24inches away from flammable materials (decoration material)
4. Use high quality installation equipment to hang unit.

When rigging a unit it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

When rigging the unit always be secured with a secondary safety attachment. The installation location of the projector has got to be built in the way that it can hold 10 times the weight for 1 hour with out any harm. Installation should be checked at least once time a year by a skilled person.

DMX Profile

MS1 17Ch Mode

DMX Ch	Function	Description	Value	Init Value
1	Pan	Pan	0-255	128
2	Pan Fine	Pan Fine	0-255	128
3	Tilt	Tilt	0-255	128
4	Tilt Fine	Tilt Fine	0-255	128
5	P/T Speed	Pan and Tilt Speed (fast to slow)	0-255	0
6	Shutter	Closed	0-3	255
		Strobe (slow to fast)	4-103	
		Open	104-107	
		Pulse Strobe (slow to fast)	108-207	
		Open	208-212	
		Random Strobe (slow to fast)	213-251	
		Open	252-255	
7	Dimmer	Dimmer off to full	0-255	255
8	Color	Open	0-9	0
		Open + Red	10-19	
		Red	20-29	
		Red + Yellow	30-39	
		Yellow	40-49	
		Yellow + Blue	50-59	
		Blue	60-69	
		Blue + Green	70-79	
		Green	80-89	
		Green + Magenta	90-99	
		Magenta	100-109	
		Magenta + Orange	110-119	
		Orange	120-129	
		Orange + Purple / UV	130-139	
		Purple / UV	140-149	
		Clockwise Wheel Rotation (fast to slow)	150-199	
		Rotation Stop	200-205	
Counter Clockwise Wheel Rotation (slow to fast)	206-255			
9	Animation Effect	No Function	0-9	0
		Animation 1 Index	10-39	
		Animation 2 Index	40-69	
		Animation 3 Index	70-99	
		Animation 1 Bounce (slow to fast)	100-119	
		Animation 2 Bounce (slow to fast)	120-139	
		Animation 3 Bounce (slow to fast)	140-159	
		Open	160-169	
		Animation Clockwise Rotation (fast to slow)	170-209	
		Rotation Stop	210-215	
		Animation Counter Clockwise Rotation (fast to slow)	216-255	

10	Gobo	Open	0-9	0
		Gobo 1	10-19	
		Gobo 2	20-29	
		Gobo 3	30-39	
		Gobo 4	40-49	
		Gobo 5	50-59	
		Gobo 6	60-69	
		Gobo 1 Bounce (slow to fast)	70-79	
		Gobo 2 Bounce (slow to fast)	80-89	
		Gobo 3 Bounce (slow to fast)	90-99	
		Gobo 4 Bounce (slow to fast)	100-109	
		Gobo 5 Bounce (slow to fast)	110-119	
		Gobo 6 Bounce (slow to fast)	120-129	
		Clockwise Wheel Rotation (fast to slow)	130-190	
		Rotation Stop	191-194	
Counter Clockwise Wheel Rotation (slow to fast)	195-255			
11	Gobo Rotation	No Function	0	0
		Gobo Orientation	1-127	
		Clockwise Rotation (fast to slow)	128-190	
		Rotation Stop	191-192	
		Counter Clockwise Rotation (slow to fast)	193-255	
12	Prism 4 Facet	No Function	0-126	0
		Prism 4 Facet Engage	127-255	
13	Prism Rotation	No Function	0	0
		Prism Orientation	1-127	
		Clockwise Rotation (fast to slow)	128-190	
		Rotation Stop	191-192	
		Counter Clockwise Rotation (slow to fast)	193-255	
14	Prism 6 Facet	No Function	0-126	0
		Prism 6 Facet Engage	127-255	
15	Prism Rotation	No Function	0	0
		Prism Orientation	1-127	
		Clockwise Rotation (fast to slow)	128-190	
		Rotation Stop	191-192	
		Counter Clockwise Rotation (slow to fast)	193-255	
16	Focus	Focus	0-255	10
17	Control	No Function	0-199	0
		Fixture Reset (hold for 5 seconds)	200-250	
		No Function	251-255	

MS1 21Ch Mode

DMX Ch	Function	Description	Value	Init Value
1	Pan	Pan	0-255	128
2	Pan Fine	Pan Fine	0-255	128
3	Tilt	Tilt	0-255	128
4	Tilt Fine	Tilt Fine	0-255	128
5	P/T Speed	Pan and Tilt Speed (fast to slow)	0-255	0
6	Shutter	Closed	0-3	255
		Strobe (slow to fast)	4-103	
		Open	104-107	
		Pulse Strobe (slow to fast)	108-207	
		Open	208-212	
		Random Strobe (slow to fast)	213-251	
7	Dimmer	Dimmer off to full	0-255	255
8	Dimmer Fine	Dimmer Fine	0-255	127
9	Color	Open	0-9	0
		Open + Red	10-19	
		Red	20-29	
		Red + Yellow	30-39	
		Yellow	40-49	
		Yellow + Blue	50-59	
		Blue	60-69	
		Blue + Green	70-79	
		Green	80-89	
		Green + Magenta	90-99	
		Magenta	100-109	
		Magenta + Orange	110-119	
		Orange	120-129	
		Orange + Purple / UV	130-139	
		Purple / UV	140-149	
		Clockwise Wheel Rotation (fast to slow)	150-199	
		Rotation Stop	200-205	
Counter Clockwise Wheel Rotation (slow to fast)	206-255			
10	Color Fine	Color Fine	0-255	0
11	Animation Effect	No Function	0-9	0
		Animation 1 Index	10-39	
		Animation 2 Index	40-69	
		Animation 3 Index	70-99	
		Animation 1 Bounce (slow to fast)	100-119	
		Animation 2 Bounce (slow to fast)	120-139	
		Animation 3 Bounce (slow to fast)	140-159	
		Open	160-169	
		Animation Clockwise Rotation (fast to slow)	170-209	
		Rotation Stop	210-215	
Animation Counter Clockwise Rotation (fast to slow)	216-255			

12	Gobo	Open	0-9	0
		Gobo 1	10-19	
		Gobo 2	20-29	
		Gobo 3	30-39	
		Gobo 4	40-49	
		Gobo 5	50-59	
		Gobo 6	60-69	
		Gobo 1 Bounce (slow to fast)	70-79	
		Gobo 2 Bounce (slow to fast)	80-89	
		Gobo 3 Bounce (slow to fast)	90-99	
		Gobo 4 Bounce (slow to fast)	100-109	
		Gobo 5 Bounce (slow to fast)	110-119	
		Gobo 6 Bounce (slow to fast)	120-129	
		Clockwise Wheel Rotation (fast to slow)	130-190	
		Rotation Stop	191-194	
Counter Clockwise Wheel Rotation (slow to fast)	195-255			
13	Gobo Rotation	No Function	0	0
		Gobo Orientation	1-127	
		Clockwise Rotation (fast to slow)	128-190	
		Rotation Stop	191-192	
		Counter Clockwise Rotation (slow to fast)	193-255	
14	Gobo Rot Fine	Gobo Rotation Fine	0-255	127
15	Prism 4 Facet	No Function	0-126	0
		Prism 4 Facet Engage	127-255	
16	Prism Rotation	No Function	0	0
		Prism Orientation	1-127	
		Clockwise Rotation (fast to slow)	128-190	
		Rotation Stop	191-192	
		Counter Clockwise Rotation (slow to fast)	193-255	
17	Prism 6 Facet	No Function	0-126	0
		Prism 6 Facet Engage	127-255	
18	Prism Rotation	No Function	0	0
		Prism Orientation	1-127	
		Clockwise Rotation (fast to slow)	128-190	
		Rotation Stop	191-192	
		Counter Clockwise Rotation (slow to fast)	193-255	
19	Focus	Focus	0-255	10
20	Focus Fine	Focus Fine	0-255	127
21	Control	No Function	0-199	0
		Fixture Reset (hold for 5 seconds)	200-250	
		No Function	251-255	

Cleaning and Maintenance

Installation Maintenance: The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every 2 years.

The following points have to be considered during the inspection:

- 1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
- 3) Mechanically moved parts like axles and other must not show any traces of wearing and must not rotate with unbalances.
- 4) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

Disconnect from mains before starting maintenance operation!



Caution Danger to life!

Electrical

We recommend a frequent cleaning of the device. Please use a moist, lint free cloth. Never use alcohol or solvents!

- 1) The objective lens will require periodic cleaning on usage and environment. Environment with foggers will require more periodic cleaning as fog fluid tends to build up residues, reducing the light output.
- 2) The cooling-fans should be cleaned monthly. DO NOT blow high pressure air into fans as incorrect rotation can damage the fans operation.
- 3) The gobos, dichroic color filters and internal lenses may be cleaned with soft brush using soapy water.
- 4) The interior of the fixture should be cleaned using a vacuum.
- 5) We recommend proper lubrication of the motor wheel. The quantity of the oil must not be excessive in order to avoid oil run outs when motor wheel rotates

Note: There is no serviceable parts inside the device except for the fuse. Maintenance and service operations are to be carried out by authorized dealers.

Replacing the fuse: Only replace the fuse with the same type and rating.

Replacing the power cable: If the power cable of this device becomes damaged, it has to be replaced by authorized dealers only

Should you have further questions , please contact your dealer.

Parts List

CAS-1210-4	4 Unit Road Case
1210-LED	LED Replacement
1210-PCB-DIS	Display PCB
1210-PCB-MAI	Main PCB
1210-BAN-PAN	Pan Band
1210-BAN-TIL	Tilt Band
1215-CON-DMX	DMX Connections IN/OUT
1220-FAN-24V-BAS	24V Fan Base
1220-FAN-24V-HEA	24V Fan Head
1210-HOU-QUI	Quick Release Mount
1210-POW	Power Supply

1210-BEZ-BAS-FRO	Plastic Bezel Base Front
1210-BEZ-BAS-SID	Plastic Bezel Base Side
1210-BEZ-ARM	Plastic Bezel Arm
1210-BEZ-HAN	Plastic Bezel Base Handle
1210-BEZ-HEA	Plastic Bezel Base Handle
1210-BEZ-HEA-RIN	Plastic Bezel Head Front Ring
1210-SEN-PAN	Pan Sensor
1220-SEN-TIL	Tilt Sensor
1210-MOT-PAN	Pan Motor
1210-MOT-TIL	Tilt Motor
1210-FUS-HOL	Fuse Holder

Warranty Information

Warranty Conditions

- Unless otherwise stated in writing, your product is covered by a one year parts and labor limited warranty.
- LEDs or Lamps are not guaranteed to match in color temperature or output.
- It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and reseller or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.
- Goods returned under warranty must follow the proper authorization procedure and must be accompanied by a copy of the original invoice.
- Goods repaired under warranty will be returned to the owner with the freight prepaid by MSI via the most economical means of shipment.
- Repair or replacement as provided for under this warranty is the exclusive remedy of the consumer. MEGA SYSTEMS INC. makes no warranties, express or implied, with respect to any product, and Mega Systems specifically disclaims any warranty of merchantability or fitness for a particular purpose. Mega Systems shall not be liable for any indirect, incidental or consequential damage, including lost profit, sustained or incurred in connection with any product or caused by product defect or the partial or total failure of any product regardless of the form of action, weather in contract, tort (including negligence), strict liability or otherwise, and weather or not such damage was foreseen or unforeseen.
- Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Customer Support

Mega Lite has a customer support line to provide set up help and to answer any question should you encounter a problem. Please visit our website for any other related technical documents. For service related issue please contact our service dept.

Monday—Friday 9am to 6pm CST
Voice: 210-684-2600
E-mail: service@megasystemsinc.com

Specifications in this manual are subject to change.

Manual Version

Please Visit www.mega.lighting for the most up to date manual version

Document Version	Date	Fixture Software	Notes
1.2	04/22/2019	V1.1	Page Update

Mega-Lite
18668 Highway 16N
Helotes, TX 78023
Ph 210-684-2600 Fax 210-855-6279
www.mega-lite.com / info@mega-lite.com