

TIDAL WASH 7X60 Z IP



SAFETY PRECAUTIONS

This fixture is a sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. Professional is not responsible for injuries and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.



PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.



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



DO NOT PLUG FIXTURE INTO A DIMMER PACK!

NEVER OPEN THIS FIXTURE WHILE IN USE!

UNPLUG POWER BEFORE SERVICING FIXTURE!

NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT! KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!



NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!

RETINA INJURY RISK - MAY INDUCE BLINDNESS!

SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!



ENSURE ALL CONNECTIONS AND END CAPS ARE PROPERLY SEALED WITH A DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) TO PREVENT WATER CORROSION AND/OR ELECTRICAL SHORT CIRCUIT.



MINIMUM DISTANCE TO OBJECTS/SURFACES

MUST BE 3.3 FEET (1 METER)

MAXIMUM TEMP OF EXTERNAL SURFACE 185 ° F (85 ° C)

MINIMUM DISTANCE OF FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0.5 METER)

SAFETY PRECAUTIONS

- DONOT TOUCH the fixture housing during operation. Turn OFF the power and allow approximately 15 minutes for the fixture to cool down before servicing.
- DONOT shake fixture, and avoid brute force when installing and/or operating fixture.
- DONOT operate fixture if the power cord is frayed, crimped, damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease.
- NEVER force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of the same power rating.
- DONOT block any air ventilation slots.
- All fan and air inlets must remain clean and never blocked.
- Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling.
- Always disconnect fixture from main power source before performing any type of service and/or cleaning procedure.
- Only handle the power cord by the plug end. Never pull out the plug by tugging the wire portion of the cord.
- During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time.
- Consistent operational breaks will ensure fixture will function properly for many years .
- ONLY use the original packaging and material to transport the fixture in for service.

MAINTENANCE GUIDELINES



DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Periodically clean the external lens surface with a soft cloth to avoid dirt/debris accumulation. NEVER use alcohol, solvents, or ammonia-based cleaners .

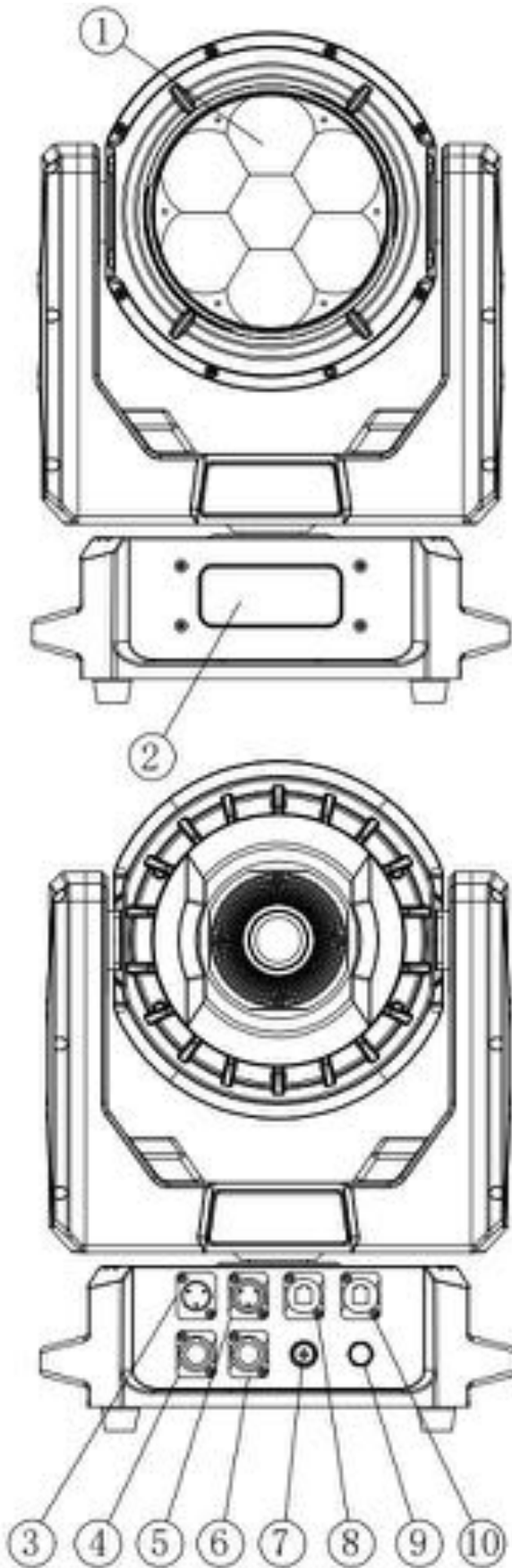
MAINTENANCE

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

Please refer to the following points during routine inspections:

- A detailed electric check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, color lenses, rigging hardware, and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue or sediments. NEVER remove the ground prong from the power cable.

OVERVIEW



1. Lens

2. System Menu LCD

3. DMX Input

4. Power Input

5. DMX Output

6. Power Output

7. Fuse

8. RJ45 Input

9. Value

10. RJ45 Output

INSTALLATION GUIDELINES



FLAMMABLE MATERIAL WARNING

Keep fixture minimum 5.0 feet (1.5m) away from flammable materials and/or pyrotechnics.



ELECTRICAL CONNECTIONS

A qualified electrician should be used for all electrical connections and/or installations.



MINIMUM DISTANCE TO SURFACES/OBJECTS IS 3.3 FEET (1 METER).

MINIMUM DISTANCE TO FLAMMABLE MATERIALS IS 1.6 FEET (0.5 METER).

EXTERNAL SURFACE CAN REACH TEMPERATURES OF 185° F (85° C).



DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!

Fixture MUST be installed following all local, national, and country commercial electrical and construction codes and regulations.

Before rigging/mounting a single fixture or multiple fixtures to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer MUST be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.

Overhead rigging requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the fixture, among other skills. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

Fixture ambient operating temperature range is -4° to 113°F (-20° to 45°C). Do not operate the fixture when the ambient temperature falls outside of this range.

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

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

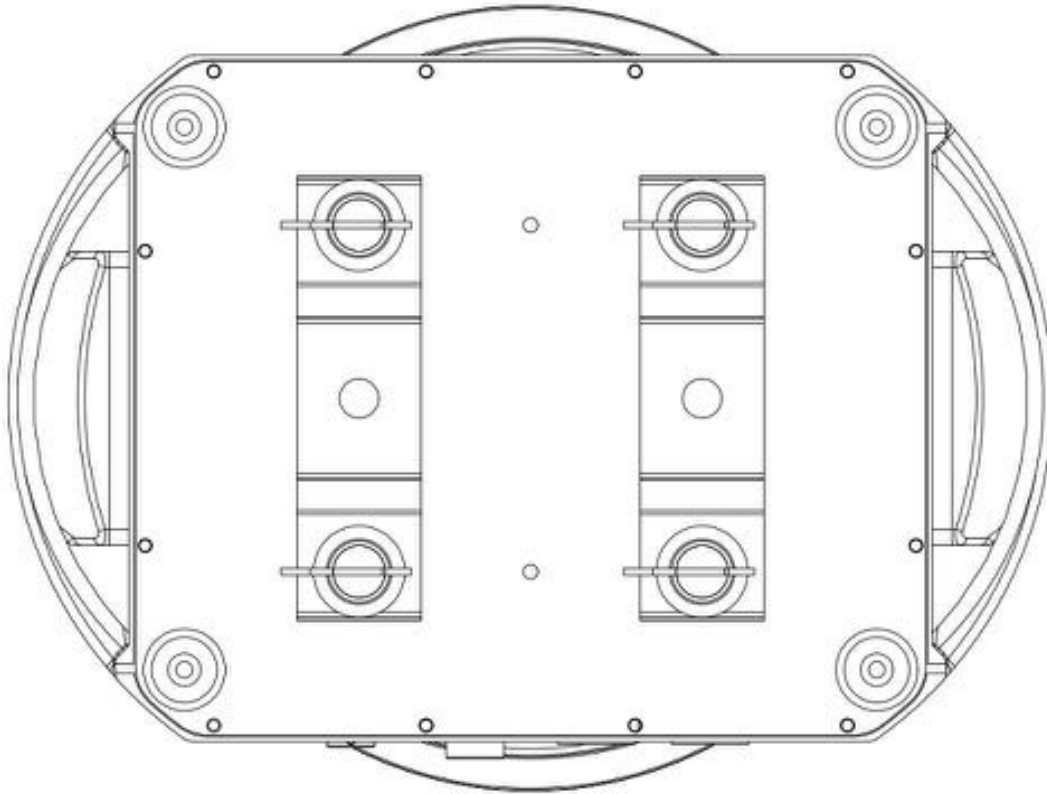
Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.

Allow approximately 15 minutes for the fixture to cool down before serving.

INSTALLATION GUIDELINES

OMEGA BRACKET INSTALLATION

Insert the Omega Brackets into the matching holes on the bottom of the fixture. Secure the Omega Brackets to the fixture by turning each quick-lock fastener $\frac{1}{4}$ turn clockwise . Always check to make sure that each fastener is completely locked. Omega brackets can be installed into the underside of the fixture's base as illustrated below.



CLAMP INSTALLATION

When mounting the fixture to a truss, be sure to secure appropriately rated professional grade rigging clamps to the included Omega Brackets using an M10 screw fitted through the center hole of the Omega Brackets. This fixture requires the installation of two Omega brackets and two clamps for secure truss mounting. The fixture also provides built- in rigging points for a SAFETY CABLE. Be sure to only use the designated rigging point for the safety cable and never secure a safety cable to a carrying handle.



SAFETY CABLE:

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

INSTALLATION GUIDELINES

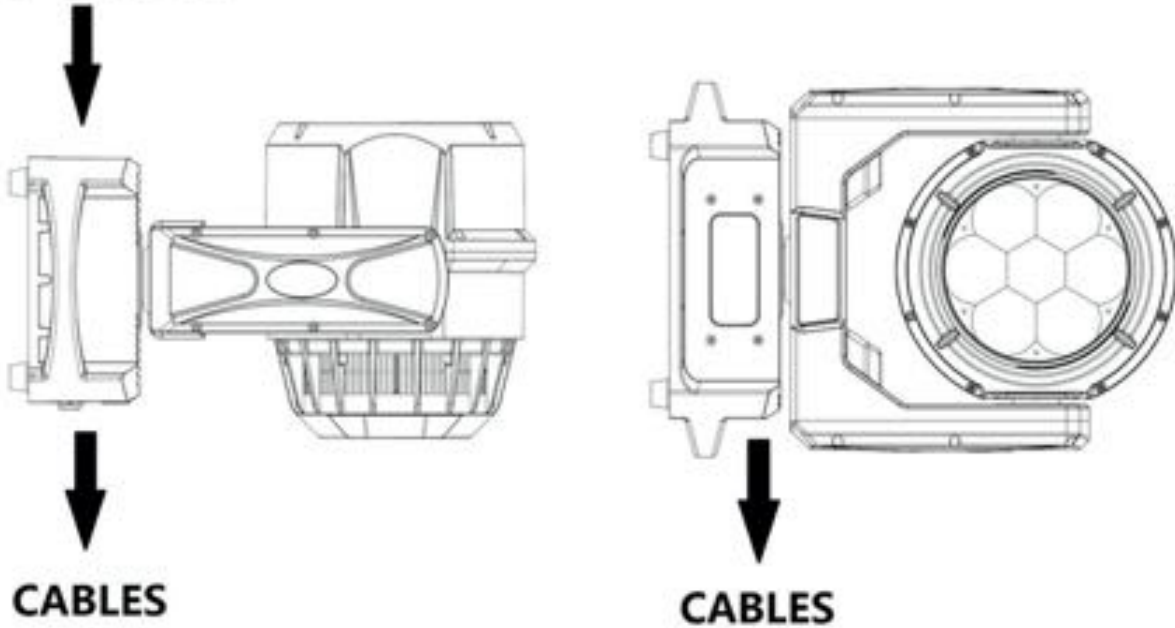
POWER AND DATA CABLES



TO MAINTAIN THE IP65 RATING INTEGRITY OF THE FIXTURE, ALL CABLES MUST BE RUN TOWARDS THE GROUND IN ORDER TO PREVENT WATER ACCUMULATION AROUND THE CONNECTIONS.

SYSTEM MENU

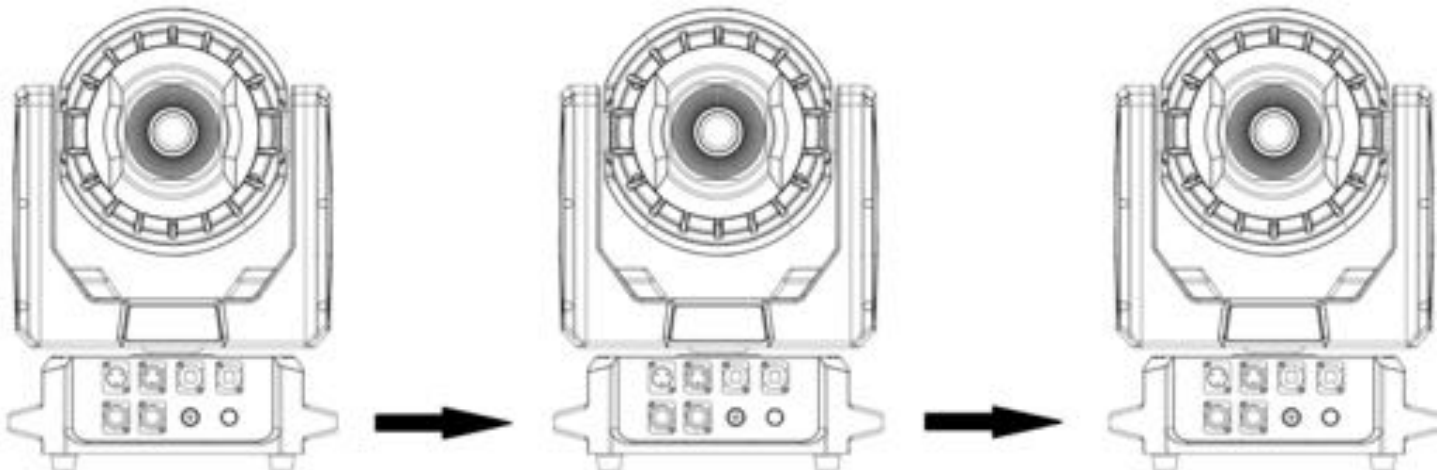
LCD DISPLAY



RJ45 DATA CABLES



THE INCLUDED RJ45 DATA CABLE IS FOR FIXTURE TO FIXTURE INTERCONNECTIONS ONLY! THE RJ45 CABLE CONNECTORS MAY NOT BE COMPATIBLE WITH OTHER RJ45 OR ETHERNET TYPE CONNECTORS.



INSTALLATION GUIDELINES

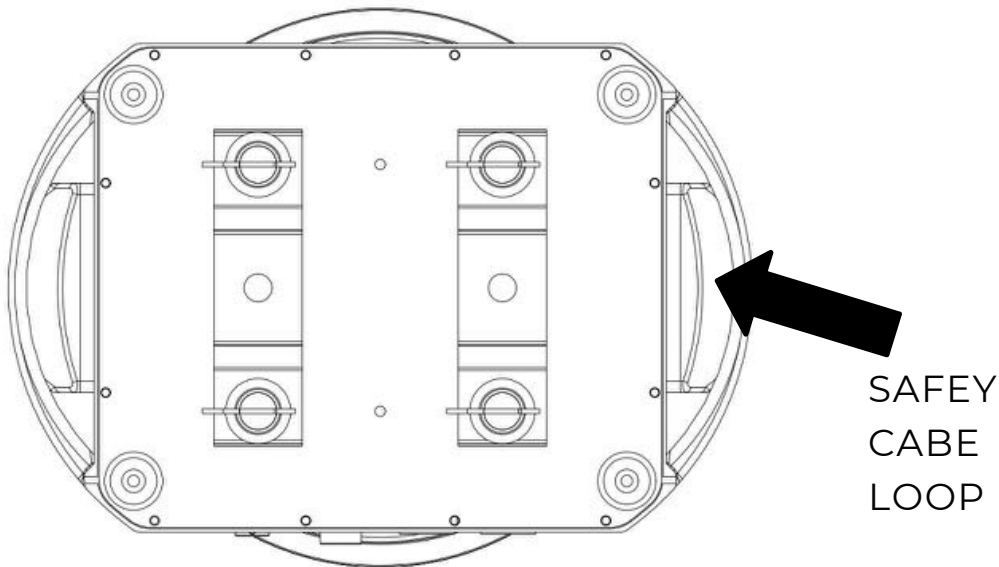
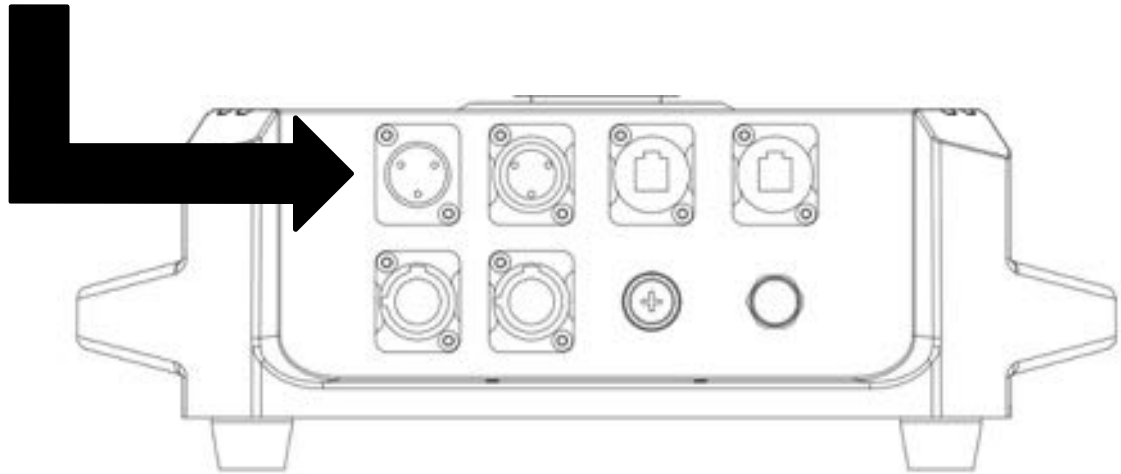
POWER AND DATA CONNECTIONS



ENSURE ALL CONNECTIONS AND END CAPS ARE PROPERLY SEALED WITH A DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) IN ORDER TO PREVENT WATER CORROSION AND/ OR ELECTRICAL SHORT CIRCUIT.



TO MAINTAIN IP65 RATING INTEGRITY AND PREVENT WATER FROM ENTERING THE FIXTURE, SEAL ALL UNUSED CONNECTION RUBBER CAPS.



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

SYSTEM MENU

MainMenu	SubMenu	Option/Value	Option/Value
Address	001		
	...		
	512		
Channel	026CH		
	049CH		
	105CH		
	127CH		
Setting	Control Mode	DMX	
		Artnet	
		DMX+Artnet	
		sACN	
		DMX+sACN	
	Dimmer Mode	Linear	
		Square	
		I-Square	
		S-Shape	
	Dimmer Speed	Slow	
		Fast	
	LED Frequency	400HZ	
		1200HZ	
		2000HZ	
		4000HZ	
		6000HZ	
		8000HZ	
		16000HZ	
		24000HZ	
	White Balance	R	000-
		G	255
		B	000-
		W	255
	FAN Mode	Auto	000-
		Silent	255
		Full	000-
	Calibration	Invert_Pan	NO YES
Invert_Tilt		NO/YES	
System Calibration		PAN 001~255	
		Tilt 001~255	
		Focus 001~255	
	Rotate 001~255		
Language	Chinese		
	English		

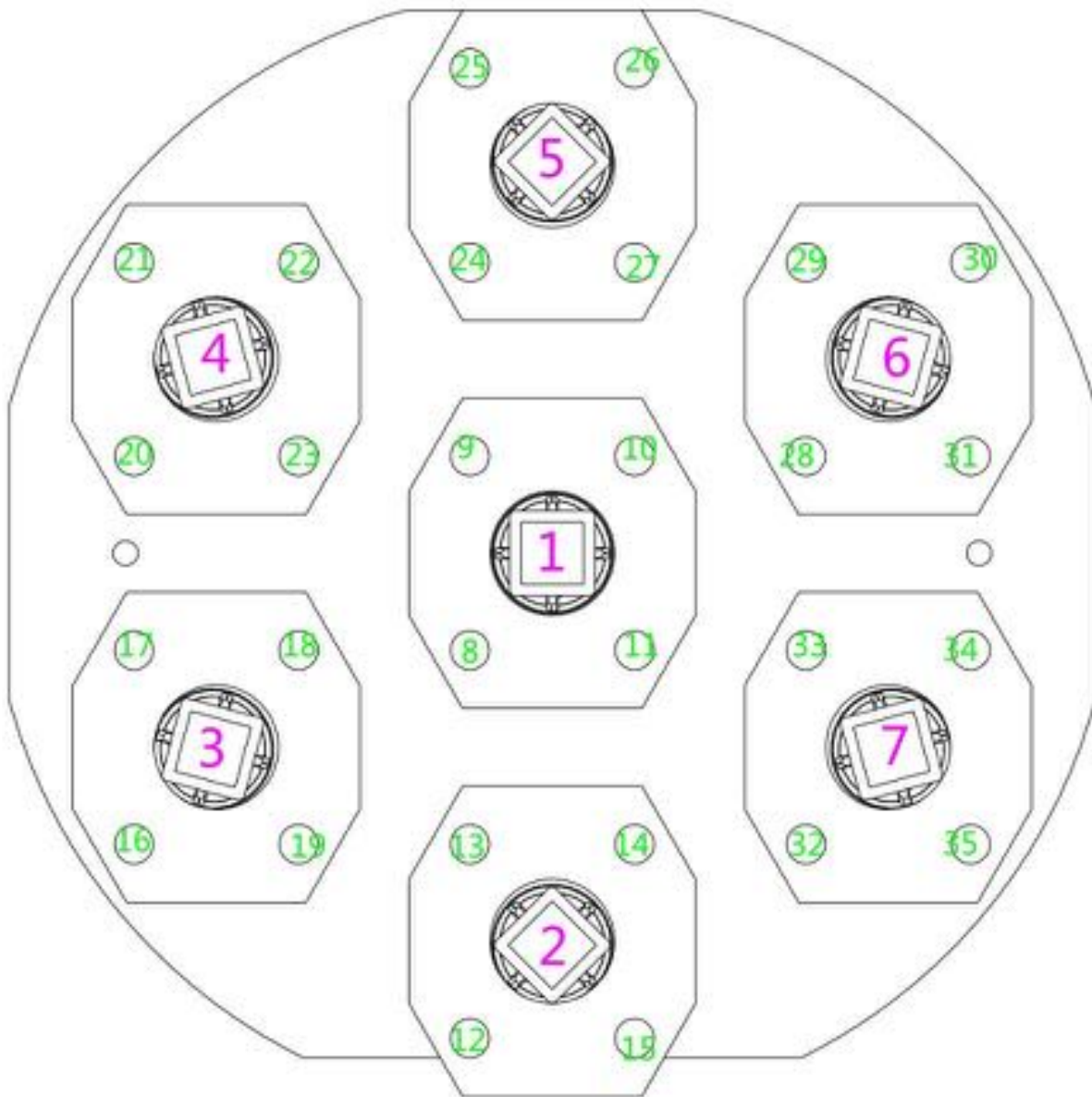
	Invert Screen	OFF	
		ON	
		AUTO	
	Signal Keep	NO/YES	
	Screen Lock	NO/YES	
	Load Default	NO.YES	
Network	Internet	IP	002.000.000.00
	Universe	MS	1
		Net(0~127)	255.000.000.00
		Sub_Universe	0 000~127 000~127
Manual	Pan	000~255	
	Tile	000~255	
	Zoom	000~255	
	Rotation	000~255	
	Red	000~255	
	Green	000~255	
	Blue	000~255	
	White	000~255	
	Spark Red	000~255	
	Spark Green	000~255	
	Spark Blue	000~255	
	Effect	000~255	
	Spark Effect	000~255	
Reset	Reset Effect		
	Reset Scan		
	Rest All		

LIGHTING CONSOLE PATCHING GUIDELINES

The product is a versatile luminaire which combines two fixtures into one housing, allowing it to produce multiple unique lighting effects typically not found in a single lighting fixture. The DMX layout is designed to offer a variety of options for controlling each fixture efficiently.

The main fixture contains 7x 60W RGBW LEDs, while the Aura effects contains 28x0.5W RGB LEDs. For ease of use the DMX layout is arranged to allow lighting consoles to separate the fixture into multiple segments or parts. It is especially important to arrange the fixture in such segments or parts when using the fixture in the full extended 127channel DMX mode. For simpler programming, reduced DMX channel modes can be used. However, for easy recall of interesting pixel animations, both the RGBW and Aura LED fixtures contain two FX systems: one which controls the RGBW cells, and a second that is dedicated to the Aura LEDs.

The pixels are arranged in a grid pattern as illustrated below. (RGBW 1-7 / Aura LED 8-35)



DMX CHART

26CH Mode(DMX,ArtNet,sACN)

Channel	Value	Function	Description
1CH	0-255	Pan Movement	0°- 540°
2CH	0-255	Fine Pan Movement positioning	16 bit adjustable
3CH	0-255	Tilt Movement	0°- 205°
4CH	0-255	Fine Tile Movement positioning	16 bit adjustable
5CH	0-255	P/T motors speed	fast to slow
6CH	0-255	Zoom	3.15°- 45°(From narrow to wide)
7CH	0-255	Fine Zoom positioning	
8CH	0-255	Lens-Rotation	
	0-5	/	
	6-62	Lens-Rotation 1	From left to right position (0-360°)
	63-127	Lens-Rotation 2	From right to left position (0-360°)
	128-	Lens-Rotation 3	From left to right position (Infinite-Rotation) From slow to fast
	192	Lens-Rotation 4	From right to left position (Infinite-Rotation) From slow to fast
9CH	193-	Reset	
		/	
	255	Zoom/lens-rotation motors reset	The value stops for 5 seconds
	0-255	P/T motors reset	The value stops for 5 seconds
	0-200	Overall reset	The value stops for 5 seconds
	201-	/	The value stops for 5 seconds
		Master Dimmer	
10CH	215	Fine Master dimmer	Linear 0-100%
11CH	216-	Strobe function of RGBL (60W) LEDs	
12CH	230	/	
	231-245	Synchronous strobe	
	246-	Pulse strobe	From slow to fast
		Random strobe	From slow to fast
	255		From slow to fast
	0-255	Fade Strobe1	From slow to fast
	0-255	Fade Strobe2	From slow to fast Brightness from high to low
	0-255	Strobe Function of Aura LEDs	From slow to fast Brightness from low to high
13CH	0-5		
	6-55		
	56-105		
	106-155		

	0-5	/	
	6-55	Synchronous strobe	From slow to fast
	56-105	Pulse strobe	From slow to fast
	106-155	Random strobe	From slow to fast
	156-205	Fade Strobe1	From slow to fast Brightness from high to low
	206-255	Fade Strobe1	From slow to fast Brightness from low to high
14CH	0-255	60w LED- Red	Linear 0-100%
15CH	0-255	60w LED -Green	Linear 0-100%
16CH	0-255	60w LED- Blue	Linear 0-100%
17CH	0-255	60w LED-Lime	Linear 0-100%
18CH	0-255	Aura LED- Red	Linear 0-100%
19CH	0-255	Aura LED-Green	Linear 0-100%
20CH	0-255	Aura LED-Blue	Linear 0-100%
	0-255	60W LEDs Built-in programs	Program1-program16
	0-5	/	
	6-20	Program 1	The color-changes of the build-in effects of 60w Leds is controlled by its color CH
	21-35	Program 2	
	36-50	Program 3	~
	51-65	Program 4	~
	66-80	Program 5	~
	81-95	Program 6	~
	96-110	Program 7	~
	111-125	Program 8	~
	126-140	Program 9	~
	141-155	Program 10	~
	156-170	Program 11	~
	171-185	Program 12	~
	186-200	Program 13	~
	201-215	Program 14	~
	216-230	Program 15	~
	231-245	Program 16	~
	246-255	Auto-running built-in programs	~
	0-255	60W Program Speed	Program 1-Program 16 Auto-running From Slow to fast
22CH	255	Aura LEDs built-in program	
	0-5	/	Program1-program16
23CH	6-20	Program 1	
			The color-changes of the build-in effects of

			Aura LEDs is controlled by its color CH
	21-35	Program 2	~
	36-50	Program 3	~
	51-65	Program 4	~
	66-80	Program 5	~
	81-95	Program 6	~
	96-110	Program 7	~
	111-125	Program 8	~
	126-140	Program 9	~
	141-155	Program 10	~
	156-170	Program 11	~
	171-185	Program 12	~
	186-200	Program 13	~
	201-215	Program 14	~
	216-230	Program 15	~
	231-245	Program 16	~
	246-255	Auto-running built-in programs	Program 1-Program 16 Auto-running
24CH	0-255	Aura LEDs program speed	from slow to fast
	0-255	Marco Color	
25CH	0-45		
	46-50	Cyan	
	51-55	Yellow	R=000,G=255,B=255,W=000
	56-60	Magenta	R=255,G=255,B=000,W=000
	61-65	Medium Yellow	R=255,G=000,B=255,W=000
	66-70	Straw Tint	R=156,G=126,B=000,W=000
	71-75	Surprise Peach	R=152,G=115,B=009,W=000
	76-80	Fire	R=198,G=114,B=009,W=000
	81-85	Medium Amber	R=255,G=056,B=000,W=000
	86-90	Gold Amber	R=255,G=135,B=000,W=000
	91-95	Dark Amber	R=255,G=100,B=000,W=000
	96-100	Sunrise Red	R=255,G=065,B=000,W=000
	101-105	Light Pink	R=255,G=083,B=002,W=000
	106-110	Medium Pink	R=255,G=112,B=000,W=141
	111-115	Pink Carnation	R=255,G=087,B=000,W=107
	116-120	Light Lavender	R=255,G=107,B=000,W=130
	121-125	Sky Blue	R=243,G=117,B=039,W=197
	126-130	Just Blue	R=000,G=255,B=135,W=000
	131-135	Dark yellow green	R=000,G=194,B=130,W=000
	136-140	Spring Yellow	R=041,G=219,B=000,W=000
	141-145	Light Amber	R=245,G=202,B=000,W=000
	146-150	Straw Tint	R=237,G=163,B=000,W=000

	151-155	Deep Amber	R=255,G=166,B=000,W=000
	156-160	Orange	R=255,G=122,B=000,W=000
	161-165	Light Rose	R=255,G=141,B=031,W=000
	166-170	Middle Rose	R=217,G=130,B=028,W=000
	171-175	Dark Pink	R=255,G=109,B=033,W=000
	176-180	Magenta	R=255,G=020,B=015,W=000
	181-185	Peacock Blue	R=051,G=255,B=051,W=000
	186-190	Steel Blue	R=206,G=255,B=056,W=000
	191-195	Light Blue	R=074,G=255,B=082,W=000
	196-200	Dark Blue	R=000,G=186,B=255,W=000
	201-205	Leaf Green	R=206,G=255,B=000,W=000
	206-210	Dark Green	R=084,G=255,B=013,W=000
	211-215	Mauve	R=227,G=041,B=056,W=000
	216-220	Deep Golden Amber	R=255,G=058,B=000,W=000
	221-225	Pale Lavender	R=255,G=197,B=061,W=000
	226-230	Primary Green	R=077,G=255,B=000,W=000
	231-235	Bright Blue	R=000,G=255,B=087,W=000
	235-240	Apricot	R=255,G=143,B=013,W=000
	241-245	Pale Gold	R=253,G=171,B=026,W=000
	246-250	Deep Orange	R=222,G=084,B=000,W=000
	251-255	Flame Red	R=255,G=046,B=002,W=000
	0-255	color temperature preset	Color temperature 2000K-8000K
26CH	0-17	Off light	
	18-34	8000K	R=255,G=182,B=110,W=255
	35-51	7500K	R=255,G=144,B=089,W=255
	52-68	6500K	R=255,G=129,B=081,W=255
	69-85	6000K	R=255,G=121,B=073,W=255
	86-102	5600K	R=255,G=106,B=066,W=255
	103-119	5000K	R=255,G=090,B=055,W=255
	120-136	4500K	R=255,G=071,B=043,W=255
	137-153	4000K	R=255,G=055,B=034,W=255
	154-170	3500K	R=255,G=029,B=024,W=255
	171-187	3200K	R=255,G=011,B=019,W=255
	188-204	3000K	R=255,G=004,B=016,W=255
	205-221	2700K	R=255,G=000,B=009,W=203
	222-238	2500K	R=255,G=000,B=004,W=172
	239-255	2000K	R=255,G=000,B=000,W=105

49CH Mode (Support Dmx /Artnet/sACN. when u use DMX+Artnet the 1- mode, 17CH are controlled by DMX protocol)

Channel	Value	Function	Description
1CH		Pan Movement	0°- 540°
2CH		Fine Pan Movement positioning	16 bit adjustable
3CH	0-255	Tilt Movement	0°- 205°
4CH	255 0-255	Fine Tile Movement positioning	16 bit adjustable
5CH	0-255	P/T motors speed	fast to slow
6CH	255	Zoom	3.15°- 45°(From narrow to wide)
7CH	0-255	Fine Zoom positioning	
8CH	0-255	Lens-Rotation	
	0-255	/	
	0-5	Lens-Rotation 1	From left to right position (0-360°)
	6-62	Lens-Rotation 2	From right to left position (0-360°)
	63-127	Lens-Rotation 3	From left to right position (Infinite-Rotation) From slow to fast
	128-192	Lens-Rotation 4	From right to left position (Infinite-Rotation) From slow to fast
	193-255	Reset	
9CH	0-255	/	
	0-200	Zoom/lens-rotation motors reset	
	201-215	P/T motors reset	The value stops for 5 seconds
	216-230	Overall reset	The value stops for 5 seconds
	231-245	/	The value stops for 5 seconds
	246-255	Master Dimmer of Aura	
10CH	0-255	LEDs Fine Aura dimmer	Linear 0-100%
11CH	0-255	Strobe Function of Aura	
12CH	0-255	LEDs /	
	0-5	Synchronous strobe	
	6-55	Pulse strobe	From slow to fast
	56-105	Random strobe	From slow to fast
	106-155	Fade Strobe1	From slow to fast
	156-205	Fade Strobe1	From slow to fast Brightness from high to low
206-255	Aura LED- Red	From slow to fast Brightness from low to high	
13CH	0-255	Aura LED-Green	Linear 0-100%
14CH	0-255	Aura LED-Blue	Linear 0-100%
15CH	0-255		Linear 0-100%

16CH		Aura LEDs built-in Program1-program16 program	
	0-255 0-	/	
	5	Program 1 Aura LEDs is controlled by its color CH	The color-changes of the build-in effects of
	6-20 21-	Program2 ~	
	35	Program3 ~	
	36-50	Program4 ~	
	51-65	Program5 ~	
	66-80	Program6 ~	
	81-95	Program7 ~	
	96-110	Program8 ~	
	111-125	Program9 ~	
	126-140	Program10 ~	
	141-155	Program11 ~	
	156-170	Program12 ~	
	171-185	Program13 ~	
	186-200	Program14 ~	
	201-215	Program15 ~	
216-230	Program16 ~		
231-245	Auto-runningbuilt- Program1-Program16 inprograms Auto-running		
17CH	246-255	Aura LEDs built-in Program1-program16 program	
18CH	246-255	Aura LEDs programs speed from slow to fast	
19CH	0-255	60W Dimmer From Dark to light	
	0-255	Strobe function of RGBW (60W) LEDs	
	0-255	/	
	0-5	Synchronous strobe From slow to fast	
	6-55 56-	Pulse strobe From slow to fast	
	105 106-	Random strobe From slow to fast	
	155	Fade Strobe1 From slow to fast Brightness from high to low	
20CH	156-205	Marco Color	
	0-255 0-		
	45 46-50	Cyan R=000,G=255,B=255,W=000	
	51-55	Yellow R=255,G=255,B=000,W=000	
	56-60	Magenta R=255,G=000,B=255,W=000	
	61-65	Medium Yellow R=156,G=126,B=000,W=000	
	66-70	Straw Tint R=152,G=115,B=009,W=000	
	71-75	Surprise Peach R=198,G=114,B=009,W=000	
	76-80	Fire R=255,G=056,B=000,W=000	

	81-85	Medium Amber	R=255,G=135,B=000,W=000
	86-90	Gold Amber	R=255,G=100,B=000,W=000
	91-95	Dark Amber	R=255,G=065,B=000,W=000
	96-100	Sunrise Red	R=255,G=083,B=002,W=000
	101-105	Light Pink	R=255,G=112,B=000,W=141
	106-110	Medium Pink	R=255,G=087,B=000,W=107
	111-115	Pink Carnation	R=255,G=107,B=000,W=130
	116-120	Light Lavender	R=243,G=117,B=039,W=197
	121-125	Sky Blue	R=000,G=255,B=135,W=000
	126-130	Just Blue	R=000,G=194,B=130,W=000
	131-135	Dark yellow green	R=041,G=219,B=000,W=000
	136-140	Spring Yellow	R=245,G=202,B=000,W=000
	141-145	Light Amber	R=237,G=163,B=000,W=000
	146-150	Straw Tint	R=230,G=160,B=000,W=069
	151-155	Deep Amber	R=255,G=166,B=000,W=000
	156-160	Orange	R=255,G=122,B=000,W=000
	161-165	Light Rose	R=255,G=141,B=031,W=000
	166-170	Middle Rose	R=217,G=130,B=028,W=000
	171-175	Dark Pink	R=255,G=109,B=033,W=000
	176-180	Magenta	R=255,G=020,B=015,W=000
	181-185	Peacock Blue	R=051,G=255,B=051,W=000
	186-190	Steel Blue	R=206,G=255,B=056,W=000
	191-195	Light Blue	R=074,G=255,B=082,W=000
	196-200	Dark Blue	R=000,G=186,B=255,W=000
	201-205	Leaf Green	R=206,G=255,B=000,W=000
	206-210	Dark Green	R=084,G=255,B=013,W=000
	211-215	Mauve	R=227,G=041,B=056,W=000
	216-220	Deep Golden Amber	R=255,G=058,B=000,W=000
	221-225	Pale Lavender	R=255,G=197,B=061,W=000
	226-230	Primary Green	R=077,G=255,B=000,W=000
	231-235	Bright Blue	R=000,G=255,B=087,W=000
	235-240	Apricot	R=255,G=143,B=013,W=000
	241-245	Pale Gold	R=253,G=171,B=026,W=000
	246-250	Deep Orange	R=222,G=084,B=000,W=000
	251-255	Flame Red	R=255,G=046,B=002,W=000
	0-255	color temperature preset	Color temperature 2000K-8000K
21CH	0-17	Off light	
	18-34	8000K	R=255,G=182,B=110,W=255
	35-51	7500K	R=255,G=144,B=089,W=255
	52-68	6500K	R=255,G=129,B=081,W=255
	69-85	6000K	R=255,G=121,B=073,W=255
	86-102	5600K	R=255,G=106,B=066,W=255
	03-119	5000K	R=255,G=090,B=055,W=255

	120-136	4500K	R=255,G=071,B=043,W=255
	137-153	4000K	R=255,G=055,B=034,W=255
	154-170	3500K	R=255,G=029,B=024,W=255
	171-187	3200K	R=255,G=011,B=019,W=255
	188-204	3000K	R=255,G=004,B=016,W=255
	205-221	2700K	R=255,G=000,B=009,W=203
	222-238	2500K	R=255,G=000,B=004,W=172
	239-255	2000K	R=255,G=000,B=000,W=105
22CH	0-255	LED1 Red	Dark to light
23CH	0-255	LED1 Green	Dark to light
24CH	0-255	LED1 Blue	Dark to light
25CH	0-255	LED1 White	Dark to light
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....
46CH	0-255	LED7 Red	Dark to light
47CH	0-255	LED7 Green	Dark to light
48CH	0-255	LED7 Blue	Dark to light
49CH	0-255	LED7 White	Dark to light

105CH Mode (Support Dmx /Artnet/sACN. when u use DMX+Artnet mode, the 1-19CH are controlled by DMX protocol)

Channel	Value	Function	Description
1CH	0-255	Pan Movement	0°- 540°
2CH	0-255	Fine Pan Movement positioning	16 bit adjustable
3CH	0-255	Tilt Movement	0°- 205°
4CH	0-255	Fine Tile Movement positioning	16 bit adjustable
5CH	0-255	P/T motors speed	fast to slow
6CH	0-255	Zoom	3.15°- 45°(From narrow to wide)
7CH	0-255	Fine Zoom positioning	
8CH	0-255	Lens-Rotation	
	0-5	/	
	6-62	Lens-Rotation 1	From left to right position (0-360°)
	63-127	Lens-Rotation 2	From right to left position (0-360°)
	128-192	Lens-Rotation 3	From left to right position (Infinite-Rotation) From slow to fast
	193-255	Lens-Rotation 4	From right to left position (Infinite-Rotation) From slow to fast

9CH	0-255	Reset	
	0-200	/	
	201-215	Zoom/lens-rotation The value stops for 5 seconds motors reset	
	216-230	P/T motors reset The value stops for 5 seconds	
	231-245	Overall reset The value stops for 5 seconds	
	246-255	/	
10CH	0-255	60W Master Dimmer	
11CH	0-255	Strobe function of RGBW (60W) LEDs	
	0-5	/	
	6-55	Synchronous strobe From slow to fast	
	56-105	Pulse strobe From slow to fast	
	106-155	Random strobe From slow to fast	
	156-205	Fade Strobe1 From slow to fast Brightness from high to low	
	206-255	Fade Strobe2 From slow to fast Brightness from low to high	
12CH	0-255	60w LED-Red Linear 0-100%	
13CH	0-255	60w LED-Green Linear 0-100%	
14CH	0-255	60w LED-Blue Linear 0-100%	
15CH	0-255	60w LED-Lime Linear 0-100%	
16CH	0-255	60W LEDs Built-in programs Program1-program16	
	0-5	/	
	6-20		Program1 The color-changes of the build-in effects of 60w
	21-35	Leds is controlled by its color CH	
	36-50	Program2 ~	
	51-65	Program3 ~	
	66-80	Program4 ~	
	81-95	Program5 ~	
	96-110	Program6 ~	
	111-125	Program7 ~	
	126-140	Program8 ~	
	141-155	Program9 ~	
	156-170	Program10 ~	
	171-185	Program11 ~	
	186-200	Program12 ~	
	201-215	Program13 ~	
	216-230	Program14 ~	
	231-245	Program15 ~	
	246-255	Program16 ~	
	0-255	Auto-running built-in programs Program1-Program16 Auto-running	
17CH		60W Program Speed From Slow to fast	

18CH	0-255	Marco Color	
	0-5	/	
	6-10	Red	R=000,G=255,B=255,W=000
	11-15	Green	R=255,G=255,B=000,W=000
	16-20	Blue	R=255,G=000,B=255,W=000
	21-25	Cyan	R=156,G=126,B=000,W=000
	26-30	Yellow	R=152,G=115,B=009,W=000
	31-35	Magenta	R=198,G=114,B=009,W=000
	36-40	Medium Yellow	R=255,G=056,B=000,W=000
	41-45	Straw Tint	R=255,G=135,B=000,W=000
	46-50	Surprise Peach	R=255,G=100,B=000,W=000
	51-55	Fire	R=255,G=065,B=000,W=000
	56-60	Medium Amber	R=255,G=083,B=002,W=000
	61-65	Gold Amber	R=255,G=112,B=000,W=141
	66-70	Dark Amber	R=255,G=087,B=000,W=107
	71-75	Sunrise Red	R=255,G=107,B=000,W=130
	76-80	Light Pink	R=243,G=117,B=039,W=197
	81-85	Medium Pink	R=000,G=255,B=135,W=000
	86-90	Pink Carnation	R=000,G=194,B=130,W=000
	91-95	Light Lavender	R=041,G=219,B=000,W=000
	96-100	Sky Blue	R=245,G=202,B=000,W=000
	101-105	Just Blue	R=237,G=163,B=000,W=000
	106-110	Dark Yellow Green	R=230,G=160,B=000,W=069
	111-115	Spring Yellow	R=255,G=166,B=000,W=000
	116-120	Light Amber	R=255,G=122,B=000,W=000
	121-125	Straw Tint	R=255,G=141,B=031,W=000
	126-130	Deep Amber	R=217,G=130,B=028,W=000
	131-135	Orange	R=255,G=109,B=033,W=000
	136-140	Light Rose	R=255,G=020,B=015,W=000
	141-145	Middle Rose	R=051,G=255,B=051,W=000
	146-150	Dark Pink	R=206,G=255,B=056,W=000
	151-155	Magenta	R=074,G=255,B=082,W=000
156-160	Peacock Blue	R=000,G=186,B=255,W=000	
161-165	Steel Blue	R=206,G=255,B=000,W=000	
166-170	Light Blue	R=084,G=255,B=013,W=000	
171-175	Dark Blue	R=227,G=041,B=056,W=000	
176-180	Leaf Green	R=255,G=058,B=000,W=000	
181-185	Dark Green	R=255,G=197,B=061,W=000	
186-190	Mauve	R=077,G=255,B=000,W=000	
191-195	Deep Golden Amber	R=000,G=255,B=087,W=000	
196-200	Pale Lavender	R=255,G=143,B=013,W=000	
201-205	Primary Green	R=253,G=171,B=026,W=000	
206-210	Bright Blue	R=222,G=084,B=000,W=000	

	211-215	Apricot	R=255,G=046,B=002,W=000
	216-220	Pale Gold	Color temperature 2000K-8000K
	221-225	Deep Orange	
	226-230	Flame Red	R=255,G=182,B=110,W=255
19CH	0-255	color temperature preset	
	0-17	Off light	
	18-34	8000K	R=255,G=121,B=073,W=255
	35-51	7500K	R=255,G=106,B=066,W=255
	52-68	6500K	R=255,G=090,B=055,W=255
	69-85	6000K	R=255,G=071,B=043,W=255
	86-102	5600K	R=255,G=055,B=034,W=255
	103-119	5000K	R=255,G=029,B=024,W=255
	120-136	4500K	R=255,G=011,B=019,W=255
	137-153	4000K	R=255,G=004,B=016,W=255
	154-170	3500K	R=255,G=000,B=009,W=203
	171-187	3200K	R=255,G=000,B=004,W=172
	188-204	3000K	R=255,G=000,B=000,W=105
	205-221	2700K	R=000,G=255,B=255,W=000
	222-238	2500K	R=255,G=255,B=000,W=000
239-255	2000K	R=255,G=000,B=255,W=000	
20CH	0-255	Master Dimmer of Aura LEDs	Linear 0-100%
21CH	0-255	Strobe Function of Aura LEDs	
	0-5	/	
	6-55	Synchronous strobe	
	56-105	Pulse strobe	From slow to fast
	106-155	Random strobe	From slow to fast
	156-205	Fade Strobe1	From slow to fast
	206-255	Fade Strobe1	From slow to fast Brightness from high to low
	0-255	LED8 Red	From slow to fast Brightness from low to high
22CH	0-255	LED8 Green	Dark to light
23CH	0-255	LED8 Blue	Dark to light
24CH	Dark to light
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....	0-255	LED35 Red
103CH	0-255	LED35 Green	Dark to light
104CH	0-255	LED35 Blue	Dark to light
105CH			Dark to light

127CH Mode (Support Dmx /Artnet/sACN. when u use DMX+Artnet mode, the 1-9CH are controlled by DMX protocol)

Channel	Value	Function	Description
1CH	0-255	PanMovement 0°-540°	
2CH	0-255	Fine Pan Movement positioning 16bitadjustable	
3CH	0-255	TiltMovement 0°-205°	
4CH	0-255	Fine Tile Movement positioning 16bitadjustable	
5CH	0-255	P/Tmotorsspeed fasttoslow	
6CH	0-255	Zoom 3.15°-45°(Fromnarrowtowide)	
7CH	0-255	Fine Zoom positioning	
8CH	0-255	Lens-Rotation	
	0-5	/	
	6-62	Lens-Rotation1 Fromlefttorightposition(0-360°)
	63-127	Lens-Rotation2 Fromrighttoleftposition(0-360°)
	128-192	Lens-Rotation3 Fromlefttorightposition(Infinite-Rotation)
	193-255	Lens-Rotation4 Fromrighttoleftposition(Infinite-Rotation)
9CH	0-255	From slow to fast	
	0-200	Reset	
	201-215	/	
	216-230	Zoom/lens-rotation motorsreset Thevaluestopsfor5seconds	
	231-245	P/Tmotorsreset Thevaluestopsfor5seconds	
	246-255	Overallreset Thevaluestopsfor5seconds	
10CH	0-255	/	
11CH	0-255	60WDimmer FromDarktolight	
	0-5	Strobe function of RGBW	
	6-55	(60W) LEDs	
	56-105	/	
	106-155	Synchronoustrobe Fromslowtofast	
	156-205	Pulsestrobe Fromslowtofast	
	206-255	Randomstrobe Fromslowtofast	
	0-255	FadeStrobe1 FromslowtofastBrightnessfromhightolow	
12CH	0-45	FadeStrobe2 FromslowtofastBrightnessfromlowtohigh	
	46-50	Marco Color	
	51-55	Cyan R=000,G=255,B=255,W=000	
	56-60	Yellow R=255,G=255,B=000,W=000	
	61-65	Magenta R=255,G=000,B=255,W=000	
	66-70	MediumYellow R=156,G=126,B=000,W=000	
		StrawTint R=152,G=115,B=009,W=000	

	71-75	Surprise Peach	R=198,G=114,B=009,W=000
	76-80	Fire	R=255,G=056,B=000,W=000
	81-85	Medium Amber	R=255,G=135,B=000,W=000
	86-90	Gold Amber	R=255,G=100,B=000,W=000
	91-95	Dark Amber	R=255,G=065,B=000,W=000
	96-100	Sunrise Red	R=255,G=083,B=002,W=000
	101-105	Light Pink	R=255,G=112,B=000,W=141
	106-110	Medium Pink	R=255,G=087,B=000,W=107
	111-115	Pink Carnation	R=255,G=107,B=000,W=130
	116-120	Light Lavender	R=243,G=117,B=039,W=197
	121-125	Sky Blue	R=000,G=255,B=135,W=000
	126-130	Just Blue	R=000,G=194,B=130,W=000
	131-135	Dark yellow green	R=041,G=219,B=000,W=000
	136-140	Spring Yellow	R=245,G=202,B=000,W=000
	141-145	Light Amber	R=237,G=163,B=000,W=000
	146-150	Straw Tint	R=230,G=160,B=000,W=069
	151-155	Deep Amber	R=255,G=166,B=000,W=000
	156-160	Orange	R=255,G=122,B=000,W=000
	161-165	Light Rose	R=255,G=141,B=031,W=000
	166-170	Middle Rose	R=217,G=130,B=028,W=000
	171-175	Dark Pink	R=255,G=109,B=033,W=000
	176-180	Magenta	R=255,G=020,B=015,W=000
	181-185	Peacock Blue	R=051,G=255,B=051,W=000
	186-190	Steel Blue	R=206,G=255,B=056,W=000
	191-195	Light Blue	R=074,G=255,B=082,W=000
	196-200	Dark Blue	R=000,G=186,B=255,W=000
	201-205	Leaf Green	R=206,G=255,B=000,W=000
	206-210	Dark Green	R=084,G=255,B=013,W=000
	211-215	Mauve	R=227,G=041,B=056,W=000
	216-220	Deep Golden Amber	R=255,G=058,B=000,W=000
	221-225	Pale Lavender	R=255,G=197,B=061,W=000
	226-230	Primary Green	R=077,G=255,B=000,W=000
	231-235	Bright Blue	R=000,G=255,B=087,W=000
	235-240	Apricot	R=255,G=143,B=013,W=000
	241-245	Pale Gold	R=253,G=171,B=026,W=000
	246-250	Deep Orange	R=222,G=084,B=000,W=000
	251-255	Flame Red	R=255,G=046,B=002,W=000
	0-255	color temperature preset	Color temperature 2000K-8000K
13CH	0-17	Off light	
	18-34	8000K	R=255,G=182,B=110,W=255
	35-51	7500K	R=255,G=144,B=089,W=255
	52-68	6500K	R=255,G=129,B=081,W=255
	69-85	6000K	R=255,G=121,B=073,W=255

	86-102	5600K	R=255,G=106,B=066,W=255
	03-119	5000K	R=255,G=090,B=055,W=255
	120-136	4500K	R=255,G=071,B=043,W=255
	137-153	4000K	R=255,G=055,B=034,W=255
	154-170	3500K	R=255,G=029,B=024,W=255
	171-187	3200K	R=255,G=011,B=019,W=255
	188-204	3000K	R=255,G=004,B=016,W=255
	205-221	2700K	R=255,G=000,B=009,W=203
	222-238	2500K	R=255,G=000,B=004,W=172
	239-255	2000K	R=255,G=000,B=000,W=105
14CH	0-255	LED 1 Red	Dark to light
15CH	0-255	LED 1 Green	Dark to light
16CH	0-255	LED 1 Blue	Dark to light
17CH	0-255	LED 1 White	Dark to light
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38CH	0-255	LED 7 Red	Dark to light
39CH	0-255	LED 7 Green	Dark to light
40CH	0-255	LED 7 Blue	Dark to light
41CH	0-255	LED 7 White	Dark to light
42CH	0-255	Master Dimmer of Aura LEDs	Master Dimmer of Aura LEDs
	0-255	Strobe Function of Aura LEDs	
	0-5	/	
	6-55	Synchronous strobe	
43CH	56-105	Pulse strobe	From slow to fast
	106-155	Random strobe	From slow to fast
	156-205	Fade Strobe1	From slow to fast
	206-255	Fade Strobe1	From slow to fast Brightness from high to low
	0-255	LED8 Red	From slow to fast Brightness from low to high
44CH	0-255	LED8 Green	Dark to light
45CH	0-255	LED8 Blue	Dark to light
46CH	Dark to light
....
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....	0-255	LED35 Red
125CH	0-255	LED35 Green	Dark to light
126CH	0-255	LED35 Blue	Dark to light
127CH			Dark to light

SPECIFICATIONS

SOURCE:

7pcs* 60W RGBW LEDs
28pcs* 0.5W RGB LEDs
50,000 Hour Average LED Life*

PHOTOMETRIC DATA:

7200 Total Lumen
Output CRI 80+
Zoom Range 3.15° - 45°

EFFECT:

Motorized Zoom
Linear Color Temperature Presets (2000 -8000K)
RGBW Color -Mixing and Pixel-Control for each LEDs
Aura LEDs Effects (RGB LEDs)
Color -Presets and Macros
Electronic Strobe and Variable Dimming Curves/16 - bit Dimming

CONTROL / CONNECTIONS:

26/49/105/127 DMX Channel Modes
P/T Movement 540°/205°
Infinite-Lens-rotation
DMX Adjustable Refresh Rate (from 900 to 25000 Hz)
(4) Button Touch panel
Full Color 180°Reversible LCD Menu Display
DMX/ArtNet/sACN/RDM Support
Software upgrade via RJ45 cable

SIZE / WEIGHT:

Length: 309.5 mm (12.19 in)
Width: 210 mm (8.27 in)
Height: 463 mm(18.23 in)
Weight: 12 KGS (26.46 lbs.)

ELECTRICAL / THERMAL:

AC 100-240V 50/60Hz
700W Max Power
Consumption BTU/hr (+/- 10%)
2387

APPROVALS/RATINGS:

CE| IP65

DIMENSIONAL DRAWINGS

