SHOW**PRO**

ALLIGATOR
MANUAL

LEDALL100
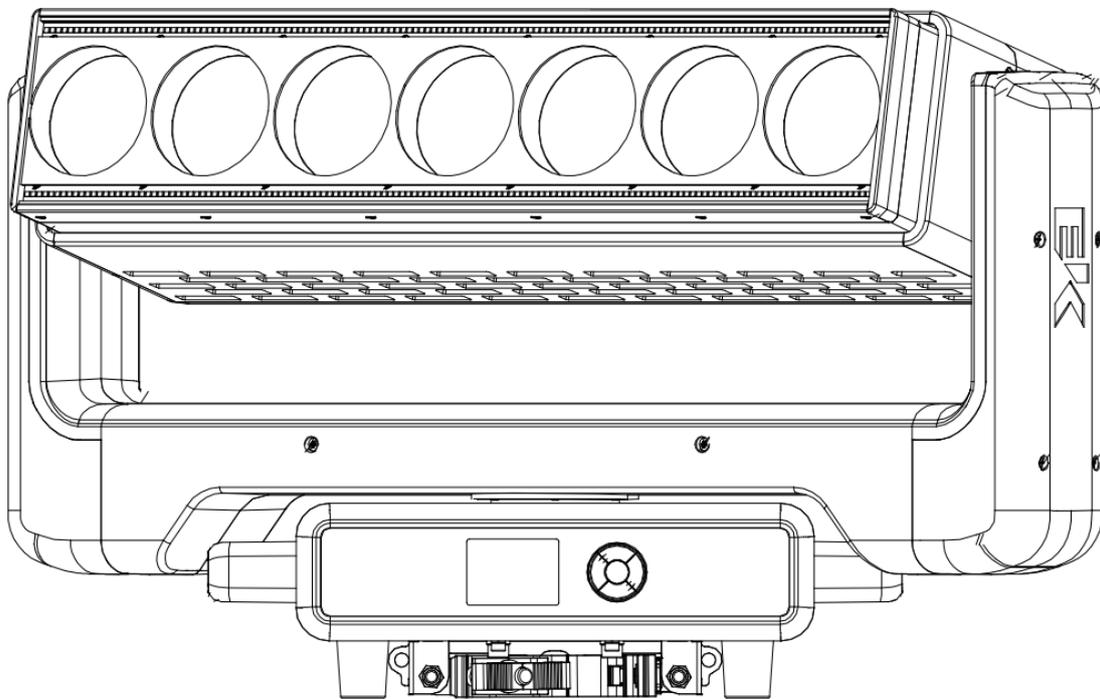
Alligator

CONTENTS

SAFETY

WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference, it contains important information about the installation, user and maintenance of the unit.

General instructions

- The products referred to in this manual conform to the European Community Directives and are therefore marked with CE.

- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you risk an electric shock.

- Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN60598-1). It is recommended to protect the supply lines of the units from indirect contact and/or shorting by using appropriately sized residual current devices.

- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the mains frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.

- This unit is not for home use, only use for professional applications.

- Never use the fixture under the following conditions:
    • in places subject to vibrations or bumps;
    • in places with a temperature of over 40 ℃.

- Make certain that no flammable liquids, water or metal objects enter the fixture.

- Do not dismantle or modify the fixture.

- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.

- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.

Warnings and installation precautions

- If this device is operated in any way different to the way described in this manual, it may suffer damage and the warranty becomes void. Any unauthorized operation may lead to dangers like short circuit, burns, electric shock, etc.

- Before starting any maintenance work or cleaning the fixture, cut off power from the main supply.

- Always additionally secure the fixture with a safety chain. When carrying out any work, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture is being used.

- Install the fixture in a well-ventilated place.

- Keep any flammable materials at a safe distance from the fixture.

- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.

- The lamp (LED) shall be changed if it has become damaged or thermally deformed.

- Never look directly at the light beam. Note that fast changes in lighting, e.g. flashing lights, may trigger epileptic seizures in photosensitive persons or persons with epilepsy.

- Do not touch the product's housing when operating because it may be very hot.

INTRODUCTION

Features

• Creative double-sided design provides flexible solutions for different applications

• Up to 9600lm (front beam/wash panel), up to 18000lm (back strobe panel)

• Speedy infinite pan/tilt movement

• Motorized wide-ranging zoom of 3~37°

• 4 dimming curves with 16-bit high resolution control

• Selectable PWM frequency for flicker-free video

• DMX, RDM and Art-Net control

SPECIFICATIONS

Light Source:	Front panel: 7 x 60W RGBW 4-in-1 + 280W WW&CW
	Back panel: 700W RGBW
Lumen Output:	Front panel: up to 9600lm
	Back panel: 18000lm
Lux Output:	Front panel: 52000lux @ 3M
	Back panel: 800lux @ 3M
Color Temperature:	2800~8000K
CRI:	Ra ≥ 68
DUV:	0.0001 - 0.009
Wavelength:	Front panel: R: 620nm G: 526nm B: 453nm
	Back panel: R: 623nm G: 526nm B: 457nm
TM-30-15rg/rf:	98/83 TLCI: 70
LED Life:	20000 hrs
Beam Angle:	Front panel: 3~37°
	Back panel: 70°
Field Angle:	Front panel: 4~51°
	Back panel: 124°
Pan Movement:	Infinite movement
Tilt Movement:	Infinite movement
Color Mixing:	Front panel: RGBW+WW+CW
	Back panel: RGBW
Zoom:	3~37° motorized
Strobe:	0~30Hz
LED Refresh Rate:	600Hz/1200Hz/2000Hz/4000Hz/6000Hz/25kHz
Dimmer:	4 dimming curves, 0~100% adjustable
Mains:	100~240VAC, 50-60Hz
Consumption:	920W @ 230V (strobe: 1500W @ 230V)
Fuse:	T15A
Power Connections:	PowerCon In
Power Factor:	0.96 @ 230V
Protocol:	DMX512/RDM/ArtNet
Data Connections:	3 or 5 pin XLR In/Out for DMX
	RJ45 In/Out for ArtNet
DMX Channels:	26CH/50CH/84CH/98CH
Display:	2.83-inch TFT display
Housing:	Flame-retardant nylon with black finish
Operating Tempt.:	0~45°
Cooling:	Low noise fan for forced-air
IP Rate:	IP20
Dimension:	713*244*451mm
Weight:	27kg

PHOTOMETRICS

Front Panel
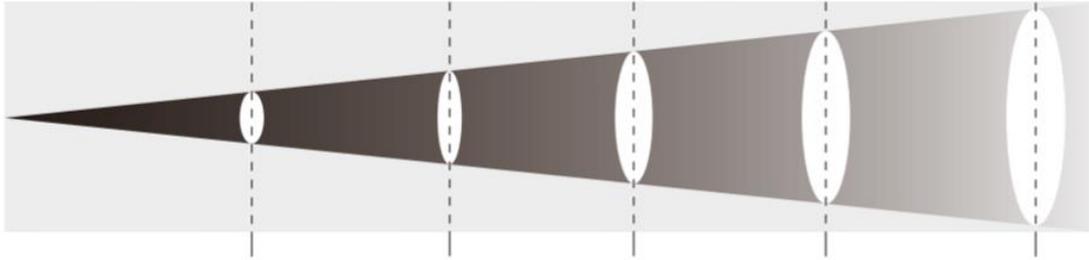
3°

Distance(m)	3	5	7	10	20
Illuminance(lux)	52000	27600	18600	11800	1170
Diameter(cm)	ø 15	ø 25	ø 35	ø 50	ø 100

37°

Distance(m)	3	5	7	10	20
Illuminance(lux)	2000	720	367	180	45
Diameter(cm)	ø 202	ø 336	ø 471	ø 673	ø 1346

Back Panel
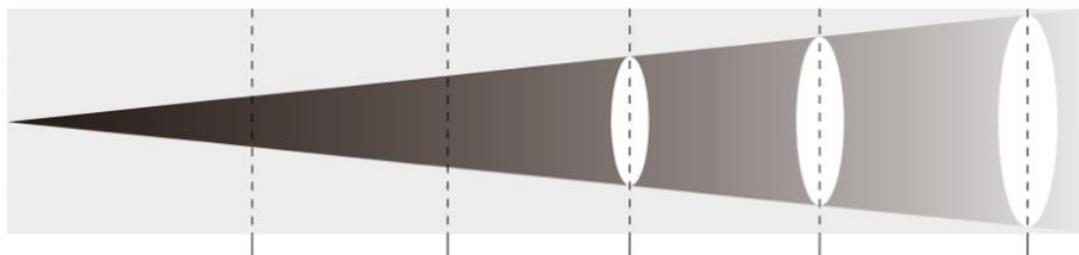
70°

Distance(m)	3	5	7	10	20
Illuminance(lux)	810	291	148	73	32
Diameter(cm)	ø 420	ø 700	ø 980	ø 1400	ø 2100

DIMENSIONS

713

451

404

169

145

244

504

504

127

54

Φ 50

84.5

Φ 80
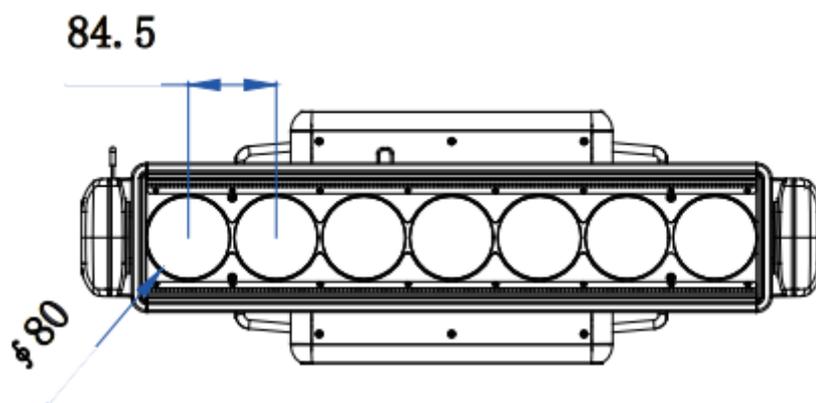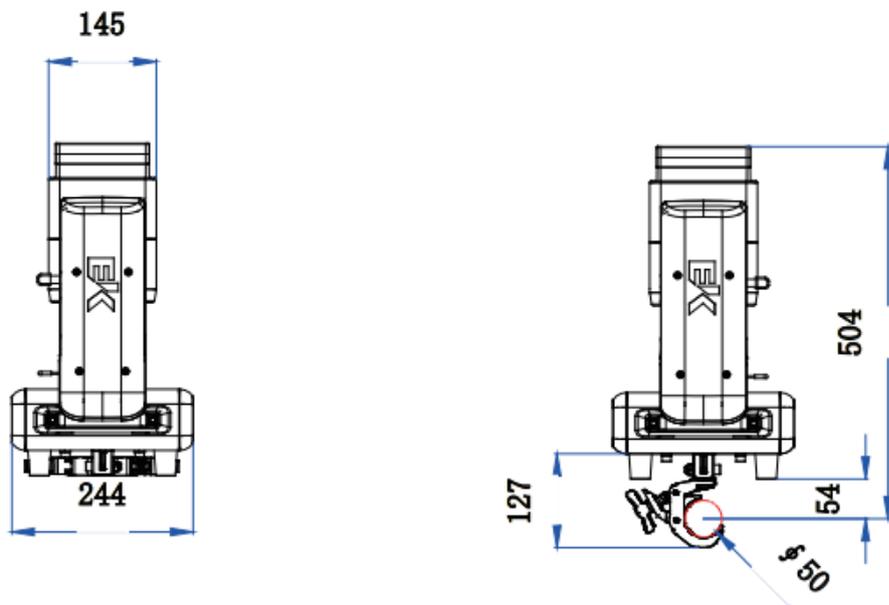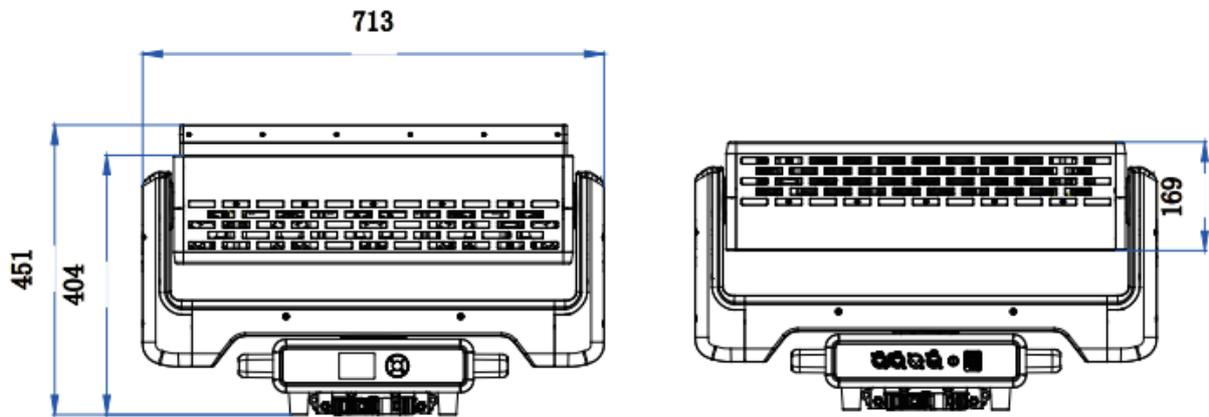
OVERVIEW

Fixture Illustration
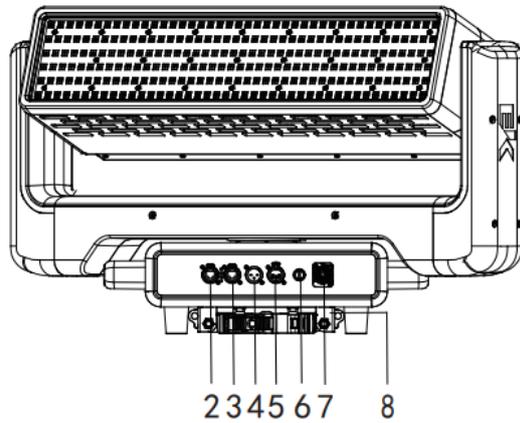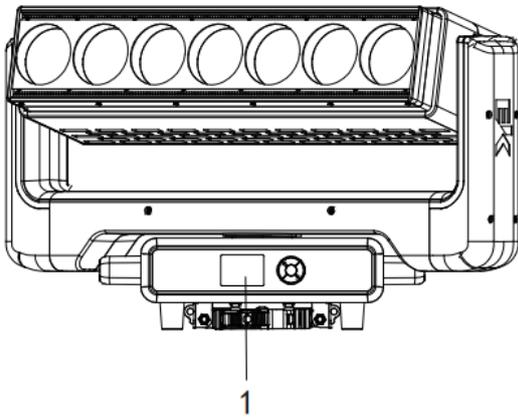
1. Control Panel
2/3. RJ45 for Art-Net
4. 3 or 5 Pin XLR Input for DMX
5. 3 or 5 Pin XLR Output for DMX

6. Fuse
7. PowerCon Input
8. Clamp

Control Panel
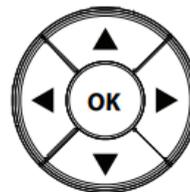
If the panel is password-protected, go to the Advanced menu, in the Menu locking submenu, and enter the unlock code using the navigation buttons: **1234**

If you want to flip the display, hold UP + DOWN buttons for 3seconds to set display orientation.

INSTALLATION
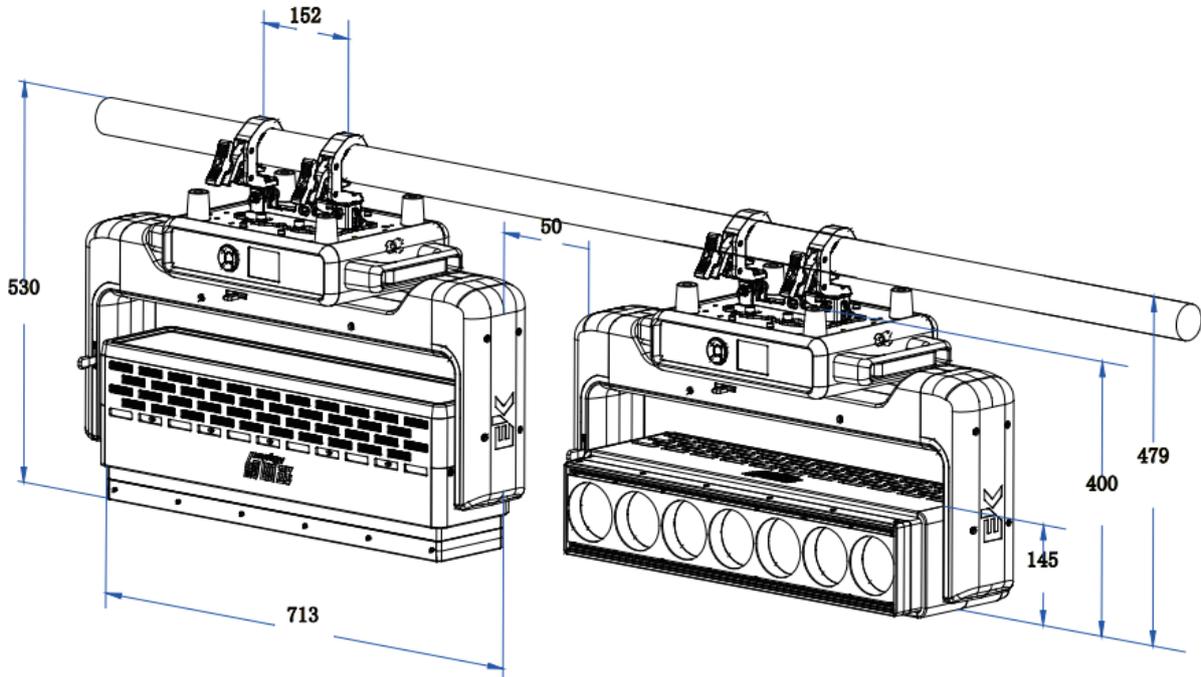
We recommend the following general guidelines below:

1. Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration and maintenance.
2. Keep any flammable materials a safe distance from the fixture, as indicated in the safety notes.
3. Make sure that the device is not exposed to extreme heat, moisture or dust.
4. Make sure that the structure to which you are hanging the fixture can support the weight.

Alligator may be set up on a solid and even surface. The unit can also be mounted upside down to a cross arm. For mounting, stable mounting clamps are required. The mounting place must be of sufficient stability and be able to support a weight of 10 times the unit's weight.

When carrying out any installation, always comply with all regulations (particularly regarding safety) currently in force in the country in which the fixture is being used.

- Install the fixture at a suitable location by means of the mounting bracket.
- Always secure the fixture with safety chain to keep the fixture from falling. For this purpose, fasten the safety chain in a suitable position so that the maximum fall of the fixture will be 20 cm.
- Adjust the fixture and use the knob to slightly release or tighten the locking mechanism of the bracket if necessary.

CONNECTION

Power Connection
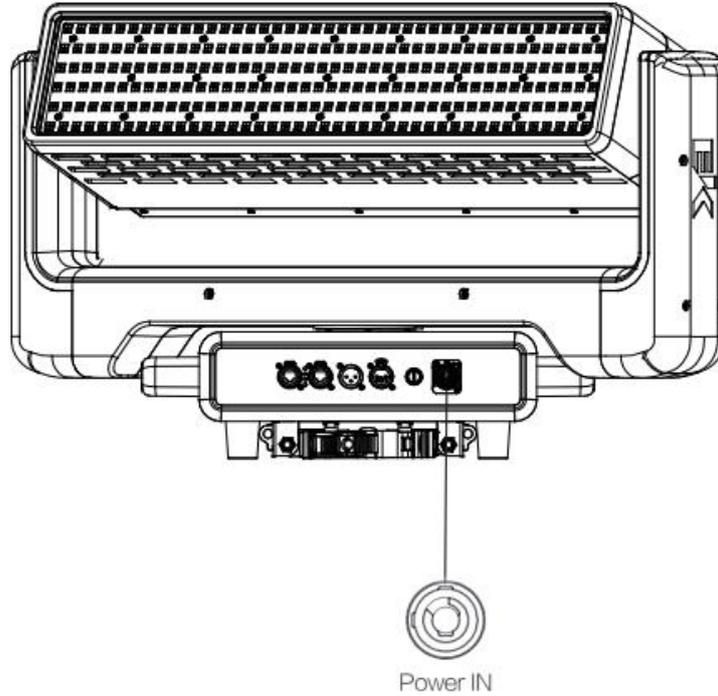
Using Power Con In power cable

Attention: due to power rating, one power cable can connect 1 unit maximum

⚠ **WARNING**

Do not connect more than 1 unit in series with one power cable.

Do not use with damaged power cable.

Power off the fixture when not in use.

Ethernet Connection
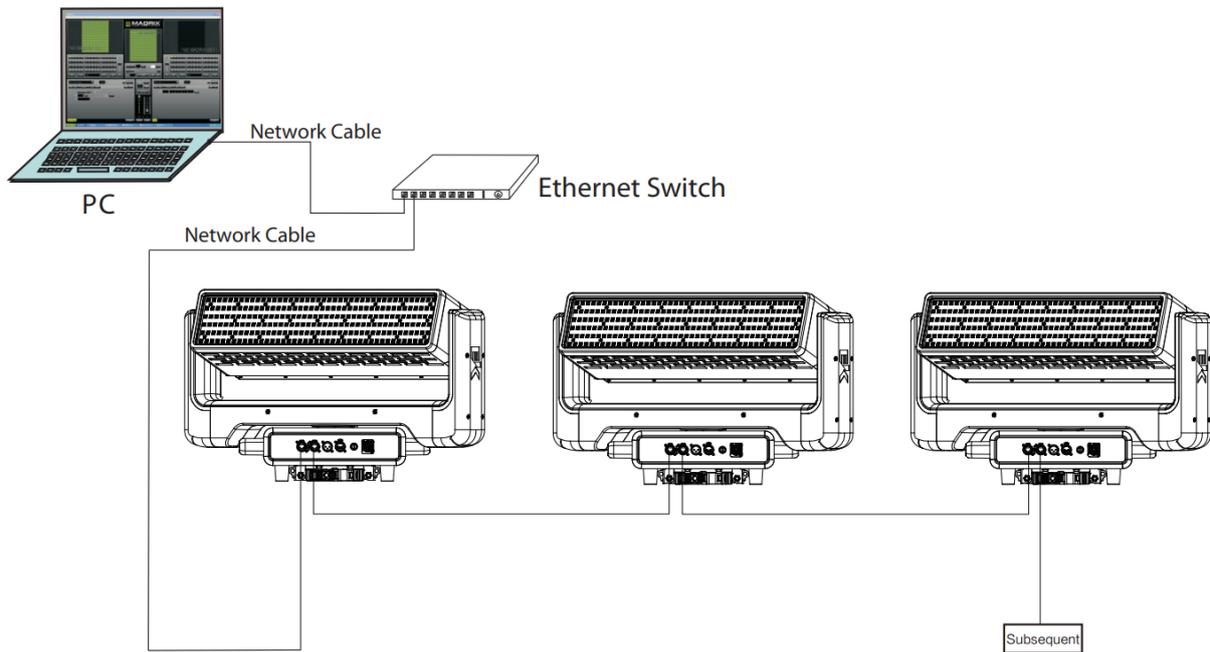
DMX Connection
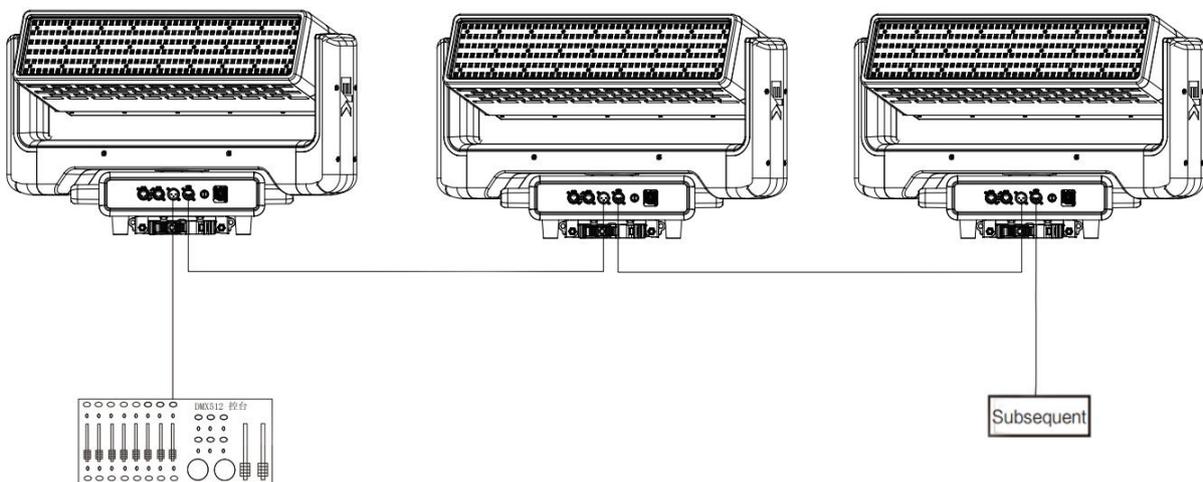
DMX Connection

- Depending on the length of the DMX cable run, or other factors, it may be advisable to install a terminator at the last fixture in the run.
- The illustration below shows the correct placement of a 120Ω 0.25W resistor in a terminator, as well as the standard DMX signal pin connections
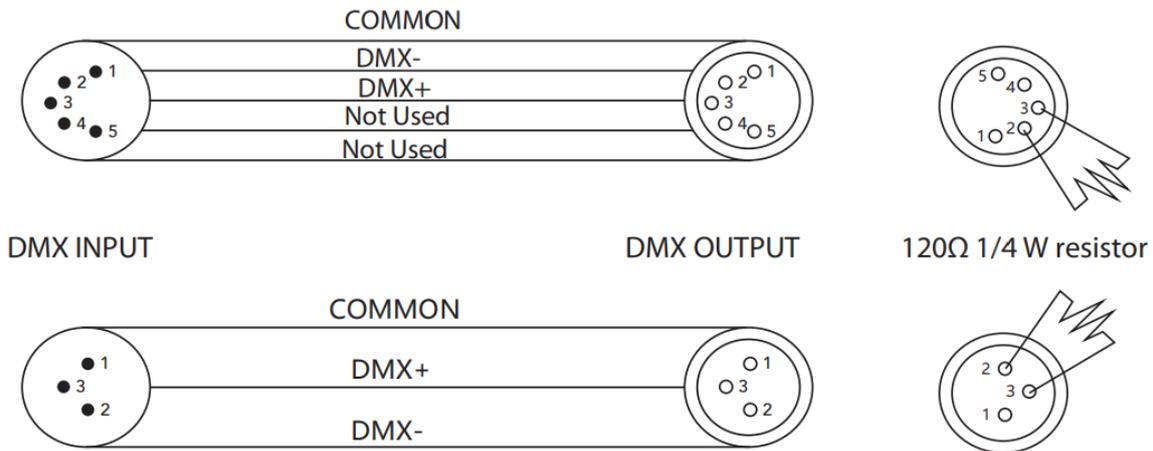
Example of DMX Addressing

The below table shows an example of starting addresses for four fixtures assuming a first fixture with starting address of 001.

The actual starting addresses will be determined by the operator as needed to match external controller settings.

MODE	ALLOCATION	ADDRESS 1st Fixture	ADDRESS 2nd Fixture	ADDRESS 3rd Fixture	ADDRESS 4th Fixture
26CH	001 – 026	001	027	053	079

Follow above method for subsequent fixtures, calculating addresses as indicated.

MENU

NO.	Main Menu	Menu Level 1	Menu Level 2	Menu Level 3	Menu Level 4	Default
1	SETUP	DMX Address	1-512			1
		DMX Channel	26CH			26CH
			50CH			
			84CH			
			98CH			
		Protocol	DMX			DMX
			ArtNet			
			DMX + ArtNet	ArtNet for color mixing only		
		Ethernet Interface	Universe	0-255		0
			Start Channel	1-512		1
			Custom IP Address	2.xxx.xxx.xxx		2.133.139.215
			Custom IP Mask	255.0.0.0		255.0.0.0
			Ethernet to DMX	No		No
				Yes		
2	OPTION	Movement Setting	Tilt Reverse	Off		Off
				On		
			Encoder Pan/Tilt	Off		On
				On		
		Display Setting	Warn Cue	Off		On
				On		
			Backlight	Off		Off
				On		
			Display Reverse	Off		Off
				On		
			Key Lock	Off		Off
				On		
		Fixture Setting	Fan Mode	Auto		Auto
				Theatre		
				High		
			Dimmer Mode	Dimmer Mode 1		Dimmer Mode 1
				Dimmer Mode 2		
				Dimmer Mode 3		
				Dimmer Mode 4		
			Dimmer Curve	Dimmer Curve 1		Dimmer Curve 2
				Dimmer Curve 2		
				Dimmer Curve 3		
				Dimmer Curve 4		
				Dimmer Curve 5		
			PWM Frequency	600Hz		2000Hz
				1200Hz		
				2000Hz		
				4000Hz		
				6000Hz		
				25000Hz		
			LED Reverse	Off		Off
				On		
		Reset Setting	All	No		No
				Yes		
			Pan/Tilt	No		No
				Yes		
			Zoom	No		No
				Yes		
3	INFORMATION	System Errors				
		System Version	DISP: V1.0			
			CTR1-XY: V1.0			
			CTR2-LED1: V1.0			
			CTR3-LED2: V1.0			
			CTR4-LED3: V1.0			
		LED Hours	Total Hours	0~65000H		
			Partial Hours	0~65000H	Reset	
					Go Back	
		Fixture Hours	Total Hours	0~65000H		
			Partial Hours	0~65000H	Reset	
					Go Back	
		LED Temperature	LED A			
			LED B			
			LED C			
		UID	030F0AE*****			

NO.	Main Menu	Menu Level 1	Menu Level 2	Menu Level 3	Menu Level 4	Default
4	TEST	AUTO	Pan/Tilt			
			Color			
			Zoom			
			All			
		Channel	1	Pan Rotation	0-255	
			2	Pan	0-255	
			3	Pan Fine	0-255	
			4	Tilt Rotation	0-255	
			5	Tilt	0-255	
			6	Tilt Fine	0-255	
			7	Zoom	0-255	
			8	Strobe	0-255	
			9	Dimmer	0-255	
			10	White Strobe	0-255	
			11	White Dimmer	0-255	
			12	Panel Strobe	0-255	
			13	Panel Dimmer	0-255	
			14	Device Setting	0-255	
			15	Red	0-255	
			16	Green	0-255	
			17	Blue	0-255	
			18	White	0-255	
			19	Top Cool White	0-255	
			20	Top Warm White	0-255	
			21	Bottom Cool White	0-255	
			22	Bottom Warm White	0-255	
			23	Panel Red	0-255	
			24	Panel Green	0-255	
			25	Panel Blue	0-255	
			26	Panel White	0-255	
5	ADVANCED (Code:1234)	Calibration	Tilt Offset	0-255		128
			Pan Offset	0-255		128
			Zoom Offset	0-255		128
		Color Calibration	Factory Calibration	Red 1-7	125-255	Off
				Green 1-7	125-255	
				Blue 1-7	125-255	
				White 1-7	125-255	
			Custom Calibration	Red 1-7	125-255	Off
				Green 1-7	125-255	
				Blue 1-7	125-255	
				White 1-7	125-255	
		Recover	No			No
			Yes			

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DMX CHART

DMX/NET	DMX+NET	Function	Value	Setting
26CH Mode				
1	1	Pan Rotation	000-003	Indexing
			004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
2	2	Pan	000-255	Positioning from 0-540 Degrees (Indexing)
3	3	Pan Fine	000-255	
4	4	Tilt Rotation	000-003	Indexing
			004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
5	5	Tilt	000-255	Positioning from 0-270 Degrees (Indexing)
6	6	Tilt Fine	000-255	
7	7	Zoom	000-255	Narrow to Wide Beam
8	8	Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
9	9	Dimmer	000-255	0~100%
10	10	White Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
11	11	White Dimmer	000-255	0~100%
12	12	Panel Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
13	13	Panel Dimmer	000-255	0~100%
14	14	Device Setting	000-025	No Function
			026-076	Head Reset (Hold 5s)
			077-127	Pan/Tilt Reset (Hold 5s)
			128-178	Complete Reset (Hold 5s)
			179-192	No Function
			193-200	Dimmer Mode 1
			201-208	Dimmer Mode 2
			209-216	Dimmer Mode 3
			217-224	Dimmer Mode 4
			225-255	No Function
15	1	Red	000-255	0~100%
16	2	Green	000-255	0~100%
17	3	Blue	000-255	0~100%
18	4	White	000-255	0~100%
19	5	Top Cool White	000-255	0~100%
20	6	Top Warm White	000-255	0~100%
21	7	Bottom Cool White	000-255	0~100%
22	8	Bottom Warm White	000-255	0~100%
23	9	Panel Red	000-255	0~100%
24	10	Panel Green	000-255	0~100%
25	11	Panel Blue	000-255	0~100%
26	12	Panel White	000-255	0~100%

50CH Mode				
DMX/NET	DMX+NET	Function	Value	Setting
1	1	Pan Rotation	000-003	Indexing
			004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
2	2	Pan	000-255	Positioning from 0-540 Degrees (Indexing)
3	3	Pan Fine	000-255	
4	4	Tilt Rotation	000-003	Indexing
			004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
5	5	Tilt	000-255	Positioning from 0-270 Degrees (Indexing)
6	6	Tilt Fine	000-255	
7	7	Zoom	000-255	Narrow to Wide Beam
8	8	Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
9	9	Dimmer	000-255	0~100%
10	10	CTO	000-009	OFF
			010-255	CTO 8000K~2700K
11	11	Background CTO	000-009	OFF
			010-255	CTO 8000K~2700K
12	12	Effects	000-005	No Function
			006-015	Effect 1
			016-023	Effect 2
			024-031	Effect 3
			032-038	Effect 4
			039-046	Effect 5
			047-054	Effect 6
			055-062	Effect 7
			063-069	Effect 8
			070-077	Effect 9
			078-085	Effect 10
			086-093	Effect 11
			094-100	Effect 12
			101-108	Effect 13
			109-116	Effect 14
			117-124	Effect 15
			125-131	Effect 16
			132-139	Effect 17
			140-147	Effect 18
			148-155	Effect 19
			156-162	Effect 20
			163-170	Effect 21
			171-178	Effect 22
			179-186	Effect 23
			187-193	Effect 24
			194-201	Effect 25
			202-209	Effect 26
			210-217	Effect 27
			218-224	Effect 28
			225-232	Effect 29
			233-240	Effect 30
			241-248	Effect 31
			249-255	Effect 32
13	13	Effects Speed	000-124	Normal
			125-130	Static
			131-255	Dynamic
14	14	White Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
15	15	White Dimmer	000-255	0~100%
16	16	White CTO	000-009	OFF
			010-255	CTO 8000K~2700K
17	17	White Background CTO	000-009	OFF
			010-255	CTO 8000K~2700K

50CH Mode				
DMX/NET	**DMX/NET**	**DMX/NET**	**DMX/NET**	**DMX/NET**
			000-005	No Function
			006-015	Effect 1
			016-023	Effect 2
			024-031	Effect 3
			032-038	Effect 4
			039-046	Effect 5
			047-054	Effect 6
			055-062	Effect 7
			063-069	Effect 8
			070-077	Effect 9
			078-085	Effect 10
			086-093	Effect 11
			094-100	Effect 12
			101-108	Effect 13
			109-116	Effect 14
			117-124	Effect 15
18	18	White Effects	125-131	Effect 16
			132-139	Effect 17
			140-147	Effect 18
			148-155	Effect 19
			156-162	Effect 20
			163-170	Effect 21
			171-178	Effect 22
			179-186	Effect 23
			187-193	Effect 24
			194-201	Effect 25
			202-209	Effect 26
			210-217	Effect 27
			218-224	Effect 28
			225-232	Effect 29
			233-240	Effect 30
			241-248	Effect 31
			249-255	Effect 32
			000-124	Normal
19	19	White Effects Speed	125-130	Static
			131-255	Dynamic
			000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
20	20	Panel Strobe	208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
21	21	Panel Dimmer	000-255	0~100%
			000-005	No Function
			006-015	Effect 1
			016-023	Effect 2
			024-031	Effect 3
			032-038	Effect 4
			039-046	Effect 5
			047-054	Effect 6
			055-062	Effect 7
			063-069	Effect 8
			070-077	Effect 9
			078-085	Effect 10
			086-093	Effect 11
			094-100	Effect 12
22	22	Panel Effects	101-108	Effect 13
			109-116	Effect 14
			117-124	Effect 15
			125-131	Effect 16
			132-139	Effect 17
			140-147	Effect 18
			148-155	Effect 19
			156-162	Effect 20
			163-170	Effect 21
			171-178	Effect 22
			179-186	Effect 23
			187-193	Effect 24
			194-201	Effect 25
			202-209	Effect 26
			210-217	Effect 27

50CH Mode

DMX/NET	DMX/NET	DMX/NET	DMX/NET	DMX/NET
			218-224	Effect 28
			225-232	Effect 29
22	22	Panel Effects	233-240	Effect 30
			241-248	Effect 31
			249-255	Effect 32
			000-124	Normal
23	23	Panel Effects Speed	125-130	Static
			131-255	Dynamic
			000-025	No Function
			026-076	Head Reset (Hold 5s)
			077-127	Pan/Tilt Reset (Hold 5s)
			128-178	Complete Reset (Hold 5s)
			179-192	No Function
24	24	Device Setting	193-200	Dimmer Mode 1
			201-208	Dimmer Mode 2
			209-216	Dimmer Mode 3
			217-224	Dimmer Mode 4
			225-255	No Function
27	1	Red	000-255	0~100%
28	2	Green	000-255	0~100%
29	3	Blue	000-255	0~100%
30	4	White	000-255	0~100%
31	5	Background Red	000-255	0~100%
32	6	Background Green	000-255	0~100%
33	7	Background Blue	000-255	0~100%
34	8	Background White	000-255	0~100%
35	9	Top Cool White	000-255	0~100%
36	10	Top Warm White	000-255	0~100%
37	11	Bottom Cool White	000-255	0~100%
38	12	Bottom Warm White	000-255	0~100%
39	13	Background Top Cool White	000-255	0~100%
40	14	Background Top Warm White	000-255	0~100%
41	15	Background Bottom Cool White	000-255	0~100%
42	16	Background Bottom Warm White	000-255	0~100%
43	17	Panel Red	000-255	0~100%
44	18	Panel Green	000-255	0~100%
45	19	Panel Blue	000-255	0~100%
46	20	Panel White	000-255	0~100%
47	21	Background Panel Red	000-255	0~100%
48	22	Background Panel Green	000-255	0~100%
49	23	Background Panel Blue	000-255	0~100%
50	24	Background Panel White	000-255	0~100%

84CH Mode

DMX/NET	DMX+NET	Function	Value	Setting
			000-003	Indexing
1	1	Pan Rotation	004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
2	2	Pan	000-255	Positioning from 0-540 Degrees (Indexing)
3	3	Pan Fine	000-255	
			000-003	Indexing
4	4	Tilt Rotation	004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
5	5	Tilt	000-255	Positioning from 0-270 Degrees (Indexing)
6	6	Tilt Fine	000-255	
7	7	Zoom	000-255	Narrow to Wide Beam
			000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
8	8	Strobe	208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
9	9	Dimmer	000-255	0~100%
			000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
10	10	White Strobe	104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe

84CH Mode

DMX/NET	DMX+NET	Function	Value	Setting
			226-238	Random Medium Strobe
10	10	White Strobe	239-251	Random Fast Strobe
			252-255	Open
11	11	White Dimmer	000-255	0~100%
			000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
12	12	Panel Strobe	208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
13	13	Panel Dimmer	000-255	0~100%
			000-025	No Function
			026-076	Head Reset (Hold 5s)
			077-127	Pan/Tilt Reset (Hold 5s)
			128-178	Complete Reset (Hold 5s)
14	14	Device Setting	179-192	No Function
			193-200	Dimmer Mode 1
			201-208	Dimmer Mode 2
			209-216	Dimmer Mode 3
			217-224	Dimmer Mode 4
			225-255	No Function
15	1	Red 1	000-255	0~100%
16	2	Green 1	000-255	0~100%
17	3	Blue 1	000-255	0~100%
18	4	White 1	000-255	0~100%
19	5	Red 2	000-255	0~100%
20	6	Green 2	000-255	0~100%
21	7	Blue 2	000-255	0~100%
22	8	White 2	000-255	0~100%
23	9	Red 3	000-255	0~100%
24	10	Green 3	000-255	0~100%
25	11	Blue 3	000-255	0~100%
26	12	White 3	000-255	0~100%
27	13	Red 4	000-255	0~100%
28	14	Green 4	000-255	0~100%
29	15	Blue 4	000-255	0~100%
30	16	White 4	000-255	0~100%
31	17	Red 5	000-255	0~100%
32	18	Green 5	000-255	0~100%
33	19	Blue 5	000-255	0~100%
34	20	White 5	000-255	0~100%
35	21	Red 6	000-255	0~100%
36	22	Green 6	000-255	0~100%
37	23	Blue 6	000-255	0~100%
38	24	White 6	000-255	0~100%
39	25	Red 7	000-255	0~100%
40	26	Green 7	000-255	0~100%
41	27	Blue 7	000-255	0~100%
42	28	White 7	000-255	0~100%
43	29	Cool White 1	000-255	0~100%
44	30	Warm White 1	000-255	0~100%
45	31	Cool White 2	000-255	0~100%
46	32	Warm White 2	000-255	0~100%
47	33	Cool White 3	000-255	0~100%
48	34	Warm White 3	000-255	0~100%
49	35	Cool White 4	000-255	0~100%
50	36	Warm White 4	000-255	0~100%
51	37	Cool White 5	000-255	0~100%
52	38	Warm White 5	000-255	0~100%
53	39	Cool White 6	000-255	0~100%
54	40	Warm White 6	000-255	0~100%
55	41	Cool White 7	000-255	0~100%
56	42	Warm White 7	000-255	0~100%
57	43	Panel Red 1	000-255	0~100%
58	44	Panel Green 1	000-255	0~100%
59	45	Panel Blue 1	000-255	0~100%
60	46	Panel White 1	000-255	0~100%
61	47	Panel Red 2	000-255	0~100%
62	48	Panel Green 2	000-255	0~100%
63	49	Panel Blue 2	000-255	0~100%
64	50	Panel White 2	000-255	0~100%
65	51	Panel Red 3	000-255	0~100%
66	52	Panel Green 3	000-255	0~100%

84CH Mode

DMX/NET	DMX+NET	Function	Value	Setting
67	49	Panel Blue 3	000-255	0~100%
68	50	Panel White 3	000-255	0~100%
69	43	Panel Red 4	000-255	0~100%
70	44	Panel Green 4	000-255	0~100%
71	45	Panel Blue 4	000-255	0~100%
72	46	Panel White 4	000-255	0~100%
73	47	Panel Red 5	000-255	0~100%
74	48	Panel Green 5	000-255	0~100%
75	49	Panel Blue 5	000-255	0~100%
76	50	Panel White 5	000-255	0~100%
77	43	Panel Red 6	000-255	0~100%
78	44	Panel Green 6	000-255	0~100%
79	45	Panel Blue 6	000-255	0~100%
80	46	Panel White 6	000-255	0~100%
81	47	Panel Red 7	000-255	0~100%
82	48	Panel Green 7	000-255	0~100%
83	49	Panel Blue 7	000-255	0~100%
84	50	Panel White 7	000-255	0~100%

98CH Mode

DMX/NET	DMX+NET	Function	Value	Setting
1	1	Pan Rotation	000-003	Indexing
			004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
2	2	Pan	000-255	Positioning from 0-540 Degrees (Indexing)
3	3	Pan Fine	000-255	
4	4	Tilt Rotation	000-003	Indexing
			004-129	Fast to Slow (Forward Spin)
			130-255	Slow to Fast (Reverse Spin)
5	5	Tilt	000-255	Positioning from 0-270 Degrees (Indexing)
6	6	Tilt Fine	000-255	
7	7	Zoom	000-255	Narrow to Wide Beam
8	8	Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
9	9	Dimmer	000-255	0~100%
10	10	White Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
11	11	White Dimmer	000-255	0~100%
12	12	Panel Strobe	000-003	OFF
			004-103	Strobe Slow (1Hz) to Fast (25Hz)
			104-107	Open
			108-207	Pulse from Slow (1Hz) to Fast (25Hz)
			208-212	Open
			213-225	Random Slow Strobe
			226-238	Random Medium Strobe
			239-251	Random Fast Strobe
			252-255	Open
13	13	Panel Dimmer	000-255	0~100%
14	14	Device Setting	000-025	No Function
			026-076	Head Reset (Hold 5s)
			077-127	Pan/Tilt Reset (Hold 5s)
			128-178	Complete Reset (Hold 5s)
			179-192	No Function
			193-200	Dimmer Mode 1
			201-208	Dimmer Mode 2
			209-216	Dimmer Mode 3
			217-224	Dimmer Mode 4
			225-255	No Function
15	1	Red 1	000-255	0~100%
16	2	Green 1	000-255	0~100%
17	3	Blue 1	000-255	0~100%
18	4	White 1	000-255	0~100%

98CH Mode				
DMX/NET	**DMX+NET**	**Function**	**Value**	**Setting**
19	5	Red 2	000-255	0~100%
20	6	Green 2	000-255	0~100%
21	7	Blue 2	000-255	0~100%
22	8	White 2	000-255	0~100%
23	9	Red 3	000-255	0~100%
24	10	Green 3	000-255	0~100%
25	11	Blue 3	000-255	0~100%
26	12	White 3	000-255	0~100%
27	13	Red 4	000-255	0~100%
28	14	Green 4	000-255	0~100%
29	15	Blue 4	000-255	0~100%
30	16	White 4	000-255	0~100%
31	17	Red 5	000-255	0~100%
32	18	Green 5	000-255	0~100%
33	19	Blue 5	000-255	0~100%
34	20	White 5	000-255	0~100%
35	21	Red 6	000-255	0~100%
36	22	Green 6	000-255	0~100%
37	23	Blue 6	000-255	0~100%
38	24	White 6	000-255	0~100%
39	25	Red 7	000-255	0~100%
40	26	Green 7	000-255	0~100%
41	27	Blue 7	000-255	0~100%
42	28	White 7	000-255	0~100%
43	29	Cool White 1	000-255	0~100%
44	30	Warm White 1	000-255	0~100%
45	31	Cool White 2	000-255	0~100%
46	32	Warm White 2	000-255	0~100%
47	33	Cool White 3	000-255	0~100%
48	34	Warm White 3	000-255	0~100%
49	35	Cool White 4	000-255	0~100%
50	36	Warm White 4	000-255	0~100%
51	37	Cool White 5	000-255	0~100%
52	38	Warm White 5	000-255	0~100%
53	39	Cool White 6	000-255	0~100%
54	40	Warm White 6	000-255	0~100%
55	41	Cool White 7	000-255	0~100%
56	42	Warm White 7	000-255	0~100%
57	43	Cool White 8	000-255	0~100%
58	44	Warm White 8	000-255	0~100%
59	45	Cool White 9	000-255	0~100%
60	46	Warm White 9	000-255	0~100%
61	47	Cool White 10	000-255	0~100%
62	48	Warm White 10	000-255	0~100%
63	49	Cool White 11	000-255	0~100%
64	50	Warm White 11	000-255	0~100%
65	51	Cool White 12	000-255	0~100%
66	52	Warm White 12	000-255	0~100%
67	53	Cool White 13	000-255	0~100%
68	54	Warm White 13	000-255	0~100%
69	55	Cool White 14	000-255	0~100%
70	56	Warm White 14	000-255	0~100%
71	57	Panel Red 1	000-255	0~100%
72	58	Panel Green 1	000-255	0~100%
73	59	Panel Blue 1	000-255	0~100%
74	60	Panel White 1	000-255	0~100%
75	61	Panel Red 2	000-255	0~100%
76	62	Panel Green 2	000-255	0~100%
77	63	Panel Blue 2	000-255	0~100%
78	64	Panel White 2	000-255	0~100%
79	65	Panel Red 3	000-255	0~100%
80	66	Panel Green 3	000-255	0~100%
81	67	Panel Blue 3	000-255	0~100%
82	68	Panel White 3	000-255	0~100%
83	69	Panel Red 4	000-255	0~100%
84	70	Panel Green 4	000-255	0~100%
85	71	Panel Blue 4	000-255	0~100%
86	72	Panel White 4	000-255	0~100%
87	73	Panel Red 5	000-255	0~100%
88	74	Panel Green 5	000-255	0~100%
89	75	Panel Blue 5	000-255	0~100%
90	76	Panel White 5	000-255	0~100%
91	77	Panel Red 6	000-255	0~100%
92	78	Panel Green 6	000-255	0~100%
93	79	Panel Blue 6	000-255	0~100%
94	80	Panel White 6	000-255	0~100%

98CH Mode				
DMX/NET	DMX+NET	Function	Value	Setting
95	81	Panel Red 7	000-255	0~100%
96	82	Panel Green 7	000-255	0~100%
97	83	Panel Blue 7	000-255	0~100%
98	84	Panel White 7	000-255	0~100%

PIXEL MAPPING
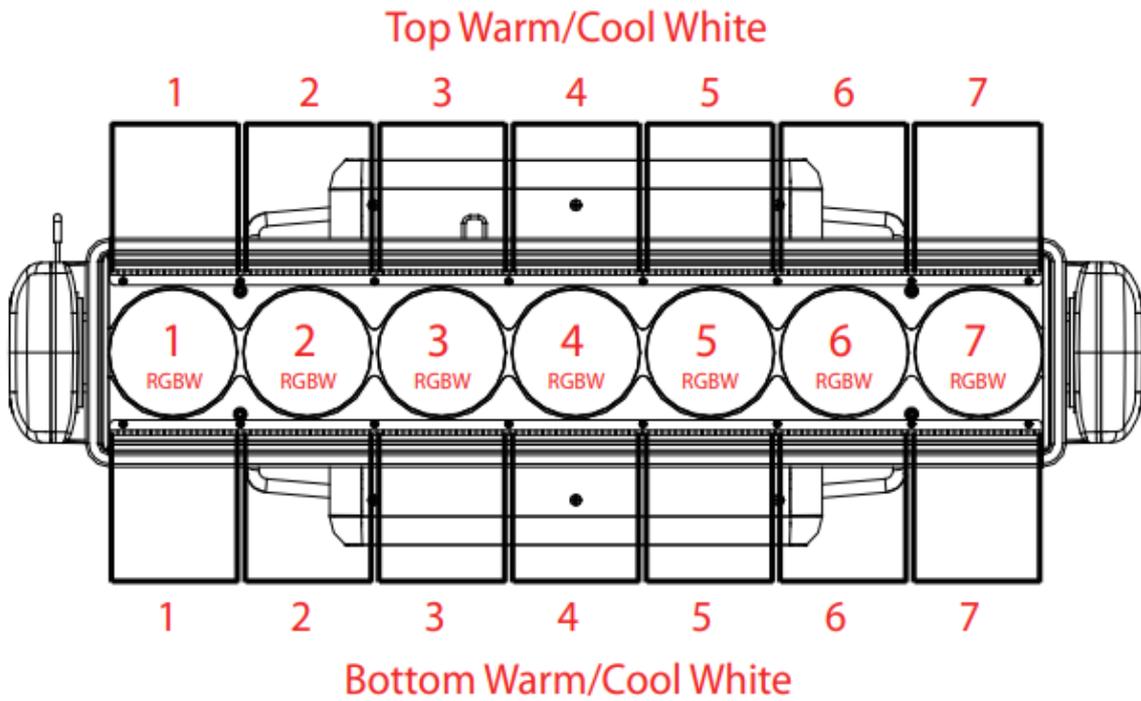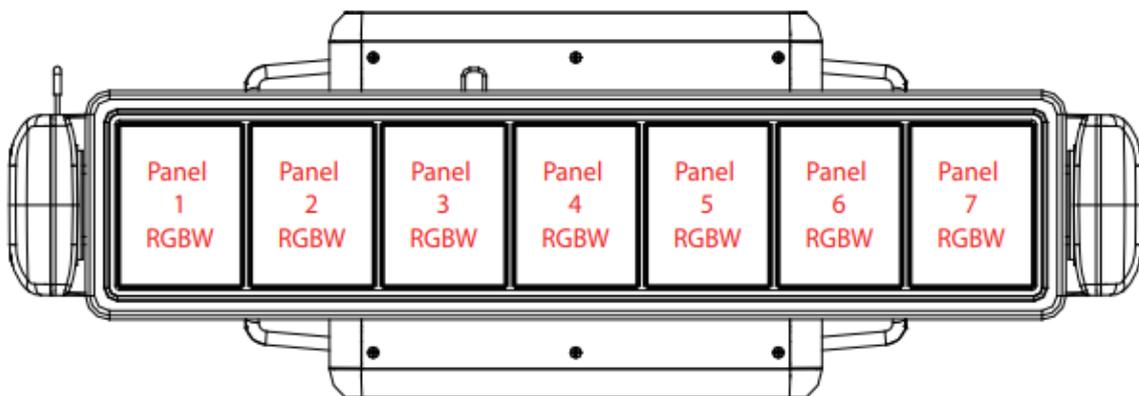
MAINTENANCE

Maintenance and Cleaning the Unit

- Make sure there are no persons standing below the unit when taking down/setting up.

- Switch off the unit, unplug the main cable and wait till the unit has cooled down.

- All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.

- Housings, fixings and installation spots (celling, trusses, suspensions) should be totally free from any deformation.

 - The main cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.

- It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light operates at maximum brightness. For cleaning, disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the parts dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.

Fuse Replacement

1. Disconnect this product from the power outlet.
2. Using a screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with a good fuse of the same type and rating.
4. Screw the fuse holder cap back in place and reconnect power.

TROUBLESHOOTING

Problem	Possible Causes	Checks and Remedies
Fixture does not light up	- No mains supply - Dimmer fader set to 0 - Faulty LED - Faulty LED board	- Check the power supply voltage - Increase value of the dimmer channels - Replace the LED board
General low light intensity	- Dirty lens assembly - Misaligned LED assembly	- Clean the fixture regularly - Install lens assemble properly
Fixture does not power up	- No power - Loose of damaged power cord - Faulty internal power supply	- Check for power on power outlet - Check power cord - Replace internal power supply

Contact an authorized service centre in case of technical problems, issues not reported in the above table, or problems that cannot be resolved by the procedure given in the table.