

USER MANUAL

X-STROBE IP



USER MANUAL

This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

Please read the instructions carefully before use!

1. 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. Manufacturer is not responsible for injuries and damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified 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 the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage 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 THAT 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**
- **KEEP APPROPRIATE DISTANCE FROM OBJECTS/SURFACES 1 METER (3.3 FEET)**
- **MAXIMUM TEMP OF EXTERNAL SURFACE 185° F (85°C)**
- **MINIMUM DISTANCE OF FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0 .5 METER)**
- **DO NOT TOUCH THE FIXTURE HOUSING DURNING OPERATION. TURN OFF THE POWER AND ALLOW APPROXIMATELY 15 MINUTES FOR THE FIXTURE TO COOL DOWN BEFORE SERVICING**
- **DO NOT SHAKE FIXTURE , AND AVOID BRUTE FORCE WHEN INSTALLING OPERATING**
- **DO NOT operate fixture if the power cord is frayed, crimped, damaged 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**

- **DO NOT 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 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 materials to transport the fixture in for service.**

2. MAINTENANCE GUIDELINES

DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

2.1. 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 .

2.2. 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:

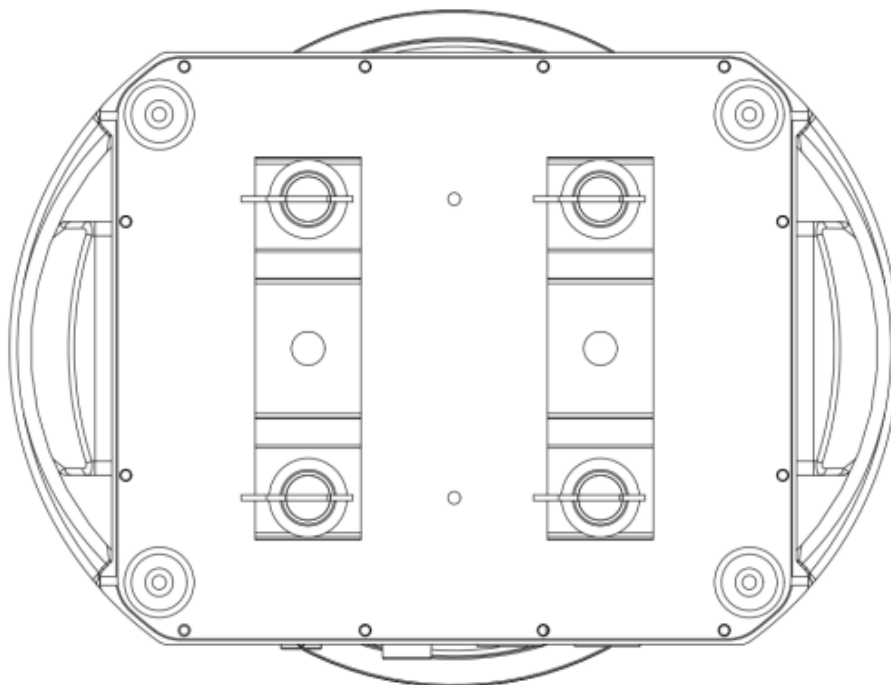
- A detailed electric check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating

- 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

4.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.



4.SYSTEM MENU

Main Menu	Sub Menu	Option/Value	Option/Value
Address	001		
	...		
	512		
Channel Mode	3CH		
	4CH		
	15CH		
	21CH		
	27CH		
	105CH		
	108CH		
	198CH		
Setting	Control Mode	DMX	
		ArtNet	
		sACN	
	Dimmer Mode	Linear	
		Square	
		I-Square	
		S-Shape	
	Dimmer Speed	Smooth / Fast	
	Led Frequency	400HZ	
		1200HZ	
		2000HZ	
		4000HZ	
		6000HZ	
		8000HZ	
		16000Hz	
		20000HZ	
	Fan Mode	Auto	
		Silent	
		Full	
	Screen Reverse	No/Yes	
	Led Remap	No/Yes	
	Screen Lock	No/Yes	
	Factory settings	No/Yes	
	Calibration	Tilt Adjust	0-255
	FX Dim mode	Dim 1	
		Dim 2	
		Dim 3	

		Dim 4	
Network	Ethernet	IP Mode:CUSTOM	
		IP&Subnet Mask:	002.000.000.001 255.000.000.000
	Universe	Net	0-127
		Sub_Uni	0-127
Manual	Normal		
	Sequence	SHOW1	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW2	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW3	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW4	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW5	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW6	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW7	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW8	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW9	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW10	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW11	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW12	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW13	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW14	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW15	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW16	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW17	PNO 01-17 SPD 0-255 LIGHT 0-255
		SHOW18	PNO 01-17 SPD 0-255 LIGHT 0-255
	Fixed colour	R	
		G	
		B	
		W	
		GB	
		RB	
		RG	
		RGB	
		RW	
		GW	
		BW	
		RGW	
		RBW	
		GBW	
		RGBW	
		CW	
		RGBWW	
		R	0-255

	Manual	G	0-255
		B	0-255
		WW	0-255
		CW	0-255
Motor	Calibration	MotorY Cali +/-127	
	Motor Manual	MotorY Pos 0-255	

5.DMX CHART

RDM:

Manufacturer ID 09A4

Model ID 1900

3Ch Mode

CH	Value	Function	Description
1CH	0-255	Dimmer	Dark to light
2CH	0-255	Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
3CH	0-255	Tilt	-90° to 90°

4Ch Mode

CH	Value	Function	Description
1CH	0-255	Flash intensity	
	0-5	Blackout	
	6-255	Minimum to maximum	
2CH	0-255	Flash duration	0-650 ms
3CH	0-255	Flash rate	
	0-5	No flash	(single flash with ch.1
	6-255	0,5-25Hz	
4CH	0-255	Tilt	-90° to 90°

15Ch Mode

CH	Value	Function	Description
1CH	0-255	Tilt	-90° to 90°
2CH	0-255	Tilt Fine	16 bit adjustable
3CH	0-255	Cold White Intensity	Dark to light
4CH	0-255	Cold White Flash duration	7-650 ms
5CH	0-255	Cold White Flash rate	0,5-25Hz
6CH	0-255	Cold White FX	
	0-5	Off	
	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	
	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
7CH	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz

	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	Animation Fade Mode	Dim 1
	102-106		Dim 2
	107-111		Dim 3
	112-116		Dim 4
	117-200	No Function	No Function
	201-215	Pixel remap	Off
	216-230		On
	231-245	Tilt Reset	
	246-255	No Function	No Function
8CH	0-255	RGBWW Intensity	Dark to light
9CH	0-255	RGBWW Flash duration	7-650 ms
10CH	0-255	RGBWW Flash rate	0,5-25Hz
11CH	0-255	RGBWW FX	
	0-5	Off	
	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	

	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
12CH	0-255	Red	Dark to light
13CH	0-255	Green	Dark to light
14CH	0-255	Blue	Dark to light
15CH	0-255	Warm White	Dark to light

21Ch Mode (Effects)

CH	Value	Function	Description
1CH	0-255	Tilt	-90° to 90°
2CH	0-255	Tilt Fine	16 bit adjustable
3CH	0-255	Background Dimmer	Dark to light
4CH	0-255	Background Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
5CH	0-255	Background Red	Dark to light
6CH	0-255	Background Green	Dark to light
7CH	0-255	Background Blue	Dark to light
8CH	0-255	Background Warm White	Dark to light
9CH	0-255	Foreground Dimmer	Dark to light
10CH	0-255	Foreground Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
11CH	0-255	Foreground Red	Dark to light
12CH	0-255	Foreground Green	Dark to light

13CH	0-255	Foreground Blue	Dark to light
14CH	0-255	Foreground Warm White	Dark to light
15CH	0-255	RGBWW FX	FX colour is controlled by Foreground colour channels
	0-5	Off	
	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	
	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
16CH	0-255	RGBWW FX Speed	
	0-127	Index	Animation step frame by frame
	128-191	CW F>S	
	192	Stop	
	193-255	CWW S>F	
17CH	0-255	Cold White Dimmer	Dark to light
18CH	0-255	Cold White Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
19CH	0-255	Cold White FX	
	0-5	Off	

	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	
	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
20CH	0-255	Cold White FX Speed	Animation step frame by frame
	0-127	Index	
	128-191	CW F>S	
	192	Stop	
	193-255	CWW S>F	
21CH	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear

	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	Animation Fade Mode	Dim 1
	102-106		Dim 2
	107-111		Dim 3
	112-116		Dim 4
	117-200	No Function	No Function
	201-215	Pixel remap	Off
	216-230		On
	231-245	Tilt Reset	
	246-255	No Function	No Function

27Ch Mode (Advanced)

CH	Value	Function	Description
1CH	0-255	Tilt	-90° to 90°
2CH	0-255	Tilt Fine	16 bit adjustable
3CH	0-255	RGBWW Dimmer	Dark to light
4CH	0-255	Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random Strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
5CH	0-255	Section 1 Red	Dark to light
6CH	0-255	Section 1 Green	Dark to light
7CH	0-255	Section 1 Blue	Dark to light
8CH	0-255	Section 1 Warm White	Dark to light
...	...	...	...
...	...	...	...

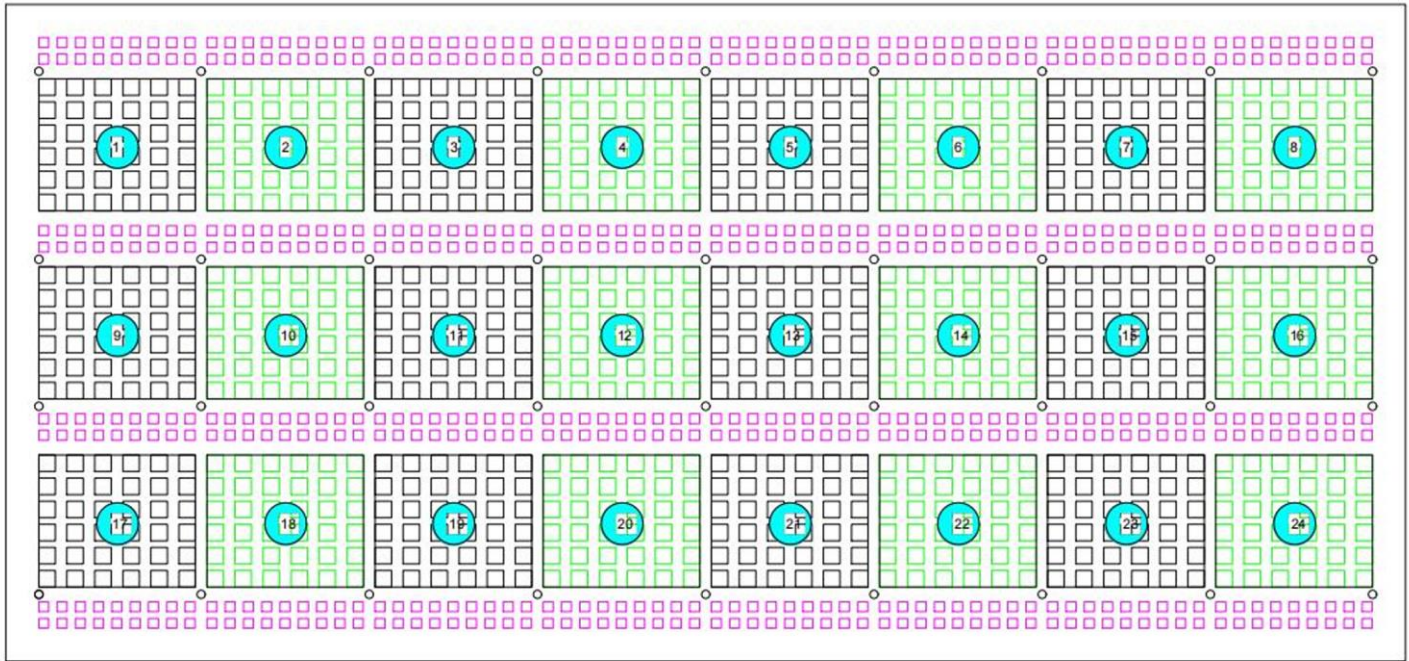
...	...	...	...
...	...	...	...
13CH	0-255	Section 3 Red	Dark to light
14CH	0-255	Section 3 Green	Dark to light
15CH	0-255	Section 3 Blue	Dark to light
16CH	0-255	Section 3 Warm White	Dark to light
17CH	0-255	FX Red	Dark to light
18CH	0-255	FX Green	Dark to light
19CH	0-255	FX Blue	Dark to light
20CH	0-255	FX Warm White	Dark to light
21CH	0-255	RGBWW FX	FX colour is controlled by FX colour channels
	0-5	Off	
	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	
	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
22CH	0-255	RGBWW FX Speed	
	0-127	Index	Animation step frame by frame
	128-191	CW F>S	
	192	Stop	
	193-255	CWW S>F	
23CH	0-255	Cold White Dimmer	Dark to light
24CH	0-255	Cold White Shutter	

	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
25CH	0-255	Cold White FX	
	0-5	Off	
	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	
	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
26CH	0-255	Cold White FX Speed	
	0-127	Index	Animation step frame by frame
	128-191	CW F>S	
	192	Stop	
	193-255	CWW S>F	
27CH	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz

	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	Animation Fade Mode	Dim 1
	102-106		Dim 2
	107-111		Dim 3
	112-116		Dim 4
	117-200	No Function	No Function
	201-215	Pixel remap	Off
	216-230		On
	231-245	Tilt Reset	
	246-255	No Function	No Function

105CH Mode (Pixelmap)

The pixels are arranged in a grid pattern as illustrated below:



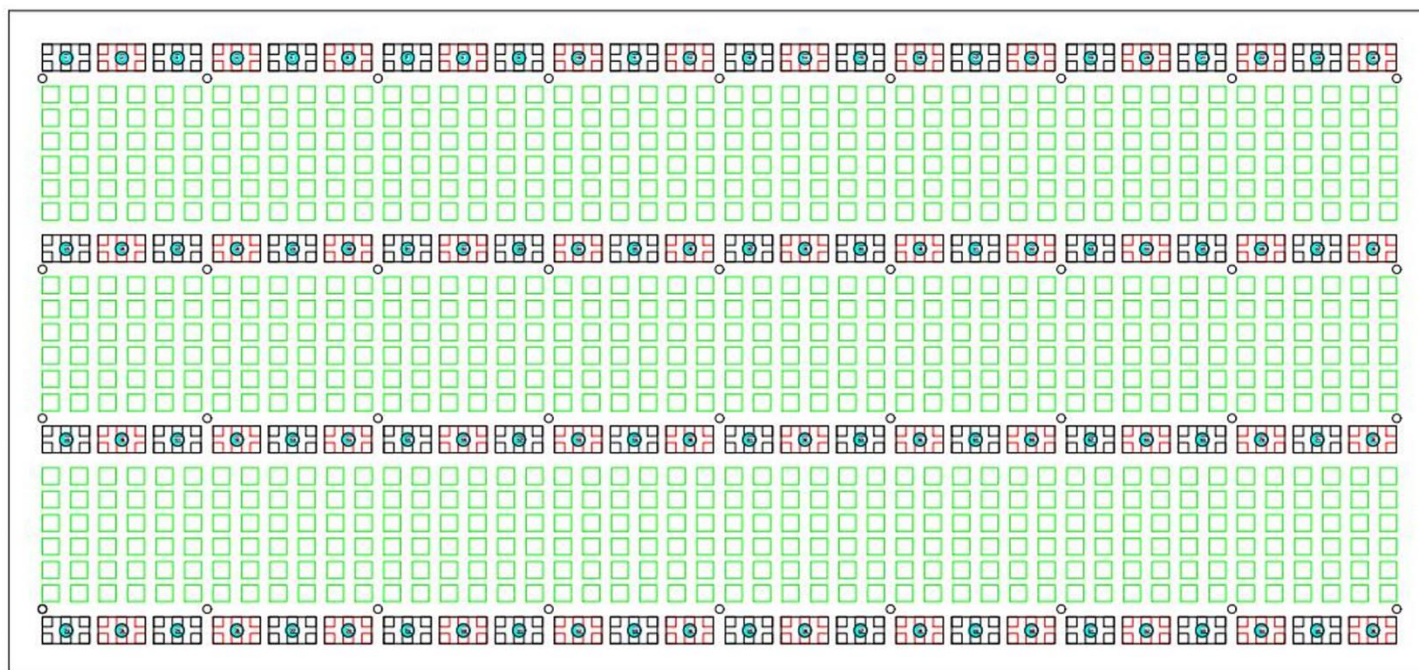
CH	Value	Function	Description
1CH	0-255	Tilt	-90° to 90°
2CH	0-255	Tilt Fine	16 bit adjustable
3CH	0-255	Dimmer	Dark to light
4CH	0-255	RGBWW Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
5CH	0-255	Section 1 Red	Dark to light
6CH	0-255	Section 1 Green	Dark to light
7CH	0-255	Section 1 Blue	Dark to light
8CH	0-255	Section 1 Warm White	Dark to light
...	...	...	...
...	...	...	...
...	...	...	...

...	...	...	...
97CH	0-255	Section 24 Red	Dark to light
98CH	0-255	Section 24 Green	Dark to light
99CH	0-255	Section 24 Blue	Dark to light
100CH	0-255	Section 24 Warm White	Dark to light
101CH	0-255	Cold White Dimmer	Dark to light
102CH	0-255	Cold White Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
103CH	0-255	Cold White FX	
	0-5	Off	
	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	
	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
104CH	0-255	Cold White FX Speed	
	0-127	Index	Animation step frame by frame
	128-191	CW F>S	
	192	Stop	

	193-255	CWW S>F	
105CH	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	Animation Fade Mode	Dim 1
	102-106		Dim 2
	107-111		Dim 3
	112-116		Dim 4
	117-200	No Function	No Function
	201-215	Pixel remap	Off
	216-230		On
	231-245	Tilt Reset	
	246-255	No Function	No Function

108CH Mode (CW Pixelmap)

The pixels are arranged in a grid pattern as illustrated below:



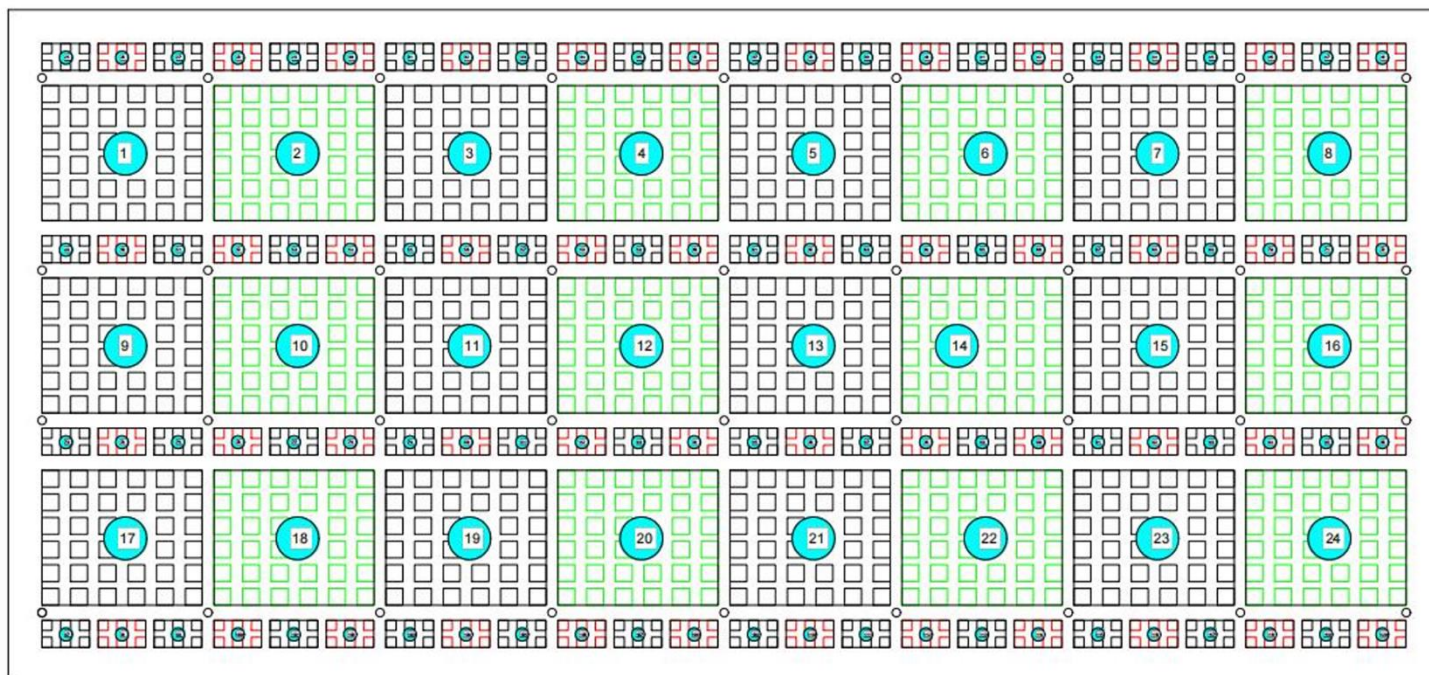
CH	Value	Function	Description
1CH	0-255	Tilt	-90° to 90°
2CH	0-255	Tilt Fine	16 bit adjustable
3CH	0-255	Dimmer	Dark to light
4CH	0-255	RGBWW Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
5CH	0-255	Red	Dark to light
6CH	0-255	Green	Dark to light
7CH	0-255	Blue	Dark to light
8CH	0-255	Warm White	Dark to light
9CH	0-255	RGBWW FX	

	0-5	Off	
	6-20	FX1	
	21-35	FX2	
	36-50	FX3	
	51-65	FX4	
	66-80	FX5	
	81-95	FX6	
	96-110	FX7	
	111-125	FX8	
	126-140	FX9	
	141-155	FX10	
	156-170	FX11	
	171-185	FX12	
	186-200	FX13	
	201-215	FX14	
	216-230	FX15	
	231-245	FX16	
	246-255	Auto Run	
10CH	0-255	RGBWW FX Speed	
	0-127	Index	Animation step frame by frame
	128-191	CW F>S	
	192	Stop	
	193-255	CWW S>F	
11CH	0-255	CW 1 Dimmer	Dark to Light
...	...	...	...
106CH	0-255	CW96 Dimmer	Dark to Light
107CH	0-255	Cold White Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
108CH	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No effect	Menu set, no change

	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	Animation Fade Mode	Dim 1
	102-106		Dim 2
	107-111		Dim 3
	112-116		Dim 4
	117-200	No Function	No Function
	201-215	Pixel remap	Off
	216-230		On
	231-245	Tilt Reset	
	246-255	No Function	No Function

198CH Mode (Full pixel)

The pixels are arranged in a grid pattern as illustrated below:



CH	Value	Function	Description
1CH	0-255	Tilt	-90° to 90°
2CH	0-255	Tilt Fine	16 bit adjustable
3CH	0-255	Dimmer	Dark to light
4CH	0-255	RGBWW Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
5CH	0-255	Section 1 Red	Dark to light
6CH	0-255	Section 1 Green	Dark to light
7CH	0-255	Section 1 Blue	Dark to light
8CH	0-255	Section 1 Warm White	Dark to light
...	...	...	...
...	...	...	...

...	...	...	...
...	...	...	...
97CH	0-255	Section 24 Red	Dark to light
98CH	0-255	Section 24 Green	Dark to light
99CH	0-255	Section 24 Blue	Dark to light
100CH	0-255	Section 24 Warm White	Dark to light
101CH	0-255	CW1 Dimmer	Dark to light
...	...	...	...
196CH	0-255	CW96 Dimmer	Dark to light
197CH	0-255	Cold White Shutter	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
198CH	0-255	Control	The value must stop for 5 seconds to make Effect
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full

	97-101	Animation Fade Mode	Dim 1
	102-106		Dim 2
	107-111		Dim 3
	112-116		Dim 4
	117-200	No Function	No Function
	201-215	Pixel remap	Off
	216-230		On
	231-245	Tilt Reset	
	246-255	No Function	No Function

6.SPECIFICATIONS

CONSTRUCTION/PHYSICAL

Dimensions: 493x170x200mm

Weight: 14Kg

Exterior Color: Black

Housing Material: Magnesium-aluminum die-casting +aluminum profile

DYNAMIC EFFECTS

Dimmer: Electronic

Strobe: Electronic

Strobe Rate: 0-25Hz

Standalone: Yes

Colour Mixing: RGBWW+CW

Tilt movement: 180°

CONNECTIONS

Power Connection: PowerCon True1

DMX Connection: XLR 3-pin/5-pin

Art-Net Connection: RJ-45

CONTROL

Control Protocols: DMX/ArtNet/sACN/RDM

DMX Channels: 3/4/14/21/28/105/108/198CH

Build-in Effects: Yes

ELECTRICAL

Power Supply Voltage: 100-240V 50/60Hz

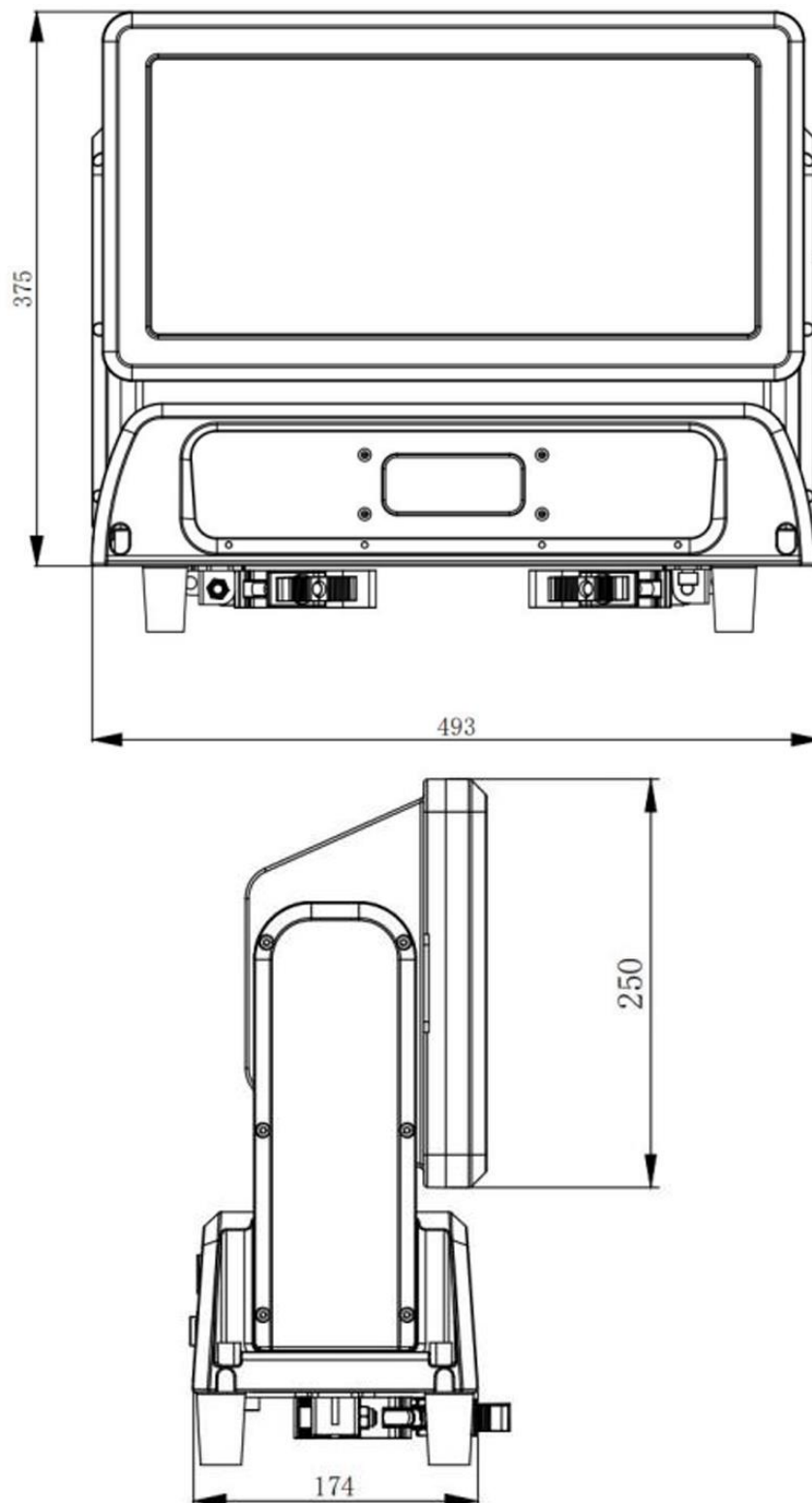
Maximum Power Consumption: 1700W

Light Source: 864X1,6W RGBWW LED + 561x1W CW LED

OPTIC

Beam angle: 140°

7.DIMENSIONAL DRAWINGS





BRIGHTER LIGHTING SP. Z.O.O.
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32-087 Bibice
POLAND
NIP: 9442248196
REGON: 361197164



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The manufacturer reserves the right to make changes to technical parameters



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