

10. Maintenance and cleaning

It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture. Otherwise, the fixture's light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life. A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!

DANGER! Disconnect from the mains before starting any maintenance work

The front objective lens will require weekly cleaning as smoke-fluid tends to building up residues, reducing the light-output very quickly. The cooling-fans should be cleaned monthly.

The interior of the fixture should be cleaned at least annually using a vacuum-cleaner or an air-jet. Dichroic colour filters, Remove dust and dirt from the fans and cooling vents using a soft brush and vacuum-cleaner.

Important! Check the air filters periodically and clean before they become clogged!

Clean two air filters placed in the fixture's covers and two in the fixture base. Use a vacuum cleaner, compressed air or you can wash them and put back dry.

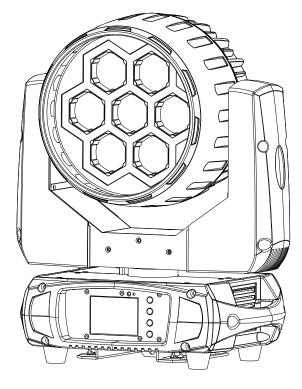
After replacing the air filters, reset the elapsed time counter in the menu "Information" (Information--->Air Filters--->Elapsed Time).

Replacing the fuse. Before replacing the fuse, unplug mains lead.

- 1) Remove the fuse holder on the rear panel of the base with a fitting screwdriver from the housing (anticlockwise).
- 2) Remove the old fuse from the fuse holder.
- 3) Install the new fuse in the fuse holder (only the same type and rating).
- 4) Replace the fuseholder in the housing and fix it.



FOS Aurora



Version 1.0

USER MANUAL

- Be sure to read the USER MANUAL carefully before using this product.
- Be sure to keep the USER MANUAL properly for future needs.
- Use this product correctly when you can fully understand the User Manual





Thank you for choosing our FOS Aurora. FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY

BEFORE YOU INITIAL START - UP!

CAUTION! Be careful with your operations. With a high voltage you can suffera dangerous electric shock when touching the wires!

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

CAUTION!

Keep this device away from rain and moisture! Unplug mains lead before opening the housing!

Important:
The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

During the operation the housing becomes hot). Allow the fixture to cool approximately 20 minutes prior to manipulate with it.

Make sure that the available voltage is not higher than stated on the rear panel.

WARNING! This unit does not contain an ON/OFF switch. Always disconnect power input cable to completely remove power from unit when not in use or before cleaning or servicing the fixture.

Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power cord.

This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.

The electric connection, repairs and servicing must be carried out by a qualified employee.

Do not connect this device to a dimmer pack.

Do not switch the fixture on and off in short intervals as this would reduce the lamp's life.

During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.

Do not touch the device's housing bare hands during its operation (housing becomes hot)!

For replacement use lamps and fuses of same type and rating only.

CAUTION! EYE DAMAGES! Avoid looking directly into the light source (meant especially for epileptics)!



			,	
56	28	22		Pix_Macro_Speed
	20		0255	Fast to slow
57	29	23		Pix Ganged Form Macro Total Number
57	29		0255	Total Number
58	30	24		Pix Ganged Form Macro The Serial Number
56	30		0255	The Serial Number
				Special function
		31 25	019	No function
			2029	No function
			3039	No function
	31		4079	No function
			8089	All Motor reset
			9094	SCAN Motor Reset
59			9599	Focus Motor Reset
39			100119	Internal program 1
			120139	Internal program 2
			140159	Internal program 3
			160179	Internal program 4
			180199	Internal program 5
			200219	Internal program 6
			220239	Internal program 7
			240255	Internal Sound program 1

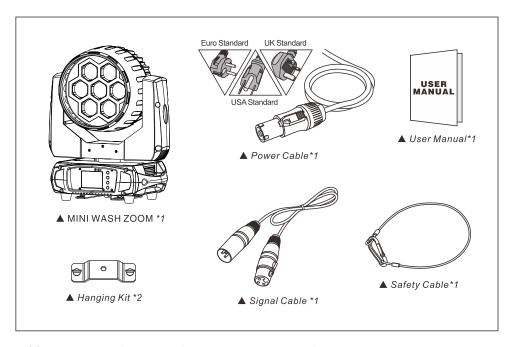




50 2	22	16		Pix_Dimmer
			0255	Pix_Dimmer 0%100%
51	51 23	17		Pix_Red
Ŭ .			0255	0-100% Pix_Red dimmer from dark to bright
52	24	18		Pix_Green
02	27	10	0255	0-100% Pix_Green dimmer from dark to bright
53	25	19		Pix_Blue
	20	10	0255	0-100% Pix_Blue dimmer from dark to bright
				Pix_color
			00	No Function
			115	Red
			1631	Green
			3247	Blue
			4863	Red+Blue
			6479	Red+Green
			8095	Green+Blue
54	26	20	96111	Red+Blue+Green
54	20	20	112127	2700K
			128143	3200K
			144159	3500K
			160175	5000K
			176191	5500K
			192207	6000K
			208223	6500K
			224239	7000K
			240255	8000K
				Pix_Macro
			015	No Function
			1629	Pix Dynamic Scene1
		21	3043	Pix Dynamic Scene2
			4457	Pix Dynamic Scene3
			5871	Pix Dynamic Scene4
			7285	Pix Dynamic Scene5
			8699	Pix Dynamic Scene6
			100113	Pix Dynamic Scene7
			114127	Pix Dynamic Scene8
55	27		128143	Pix Dynamic Scene9
			142155	Pix Dynamic Scene10
			156169	Pix Dynamic Scene11
			170183	Pix Dynamic Scene12
			184197	Pix Dynamic Scene13
			198211	Pix Dynamic Scene14
			212225	Pix Dynamic Scene15
			226239	Pix Dynamic Scene16
			240245	Pix Ganged Form Macro 1
			246250	Pix Ganged Form Macro 2
]		251255	Pix Ganged Form Macro 3

2.UNPACKING

FOS Aurora adopts 7*40W white LED lamp which features high brightness and stability. Please carefully unpack it when you receive the fixture and check whether it is damaged during the transportation. And please check whether the following items are included inside the box:



FOS Aurora is made of a new type of high temperature strength of engineering plastics and cast aluminum casing with nice outlook. The fixture is designed and manufactured strictly following CE standards, complying with international standard DMX512 protocol. It's available independently controlled and linkable with each other for operation. And it is applicable for large-scale live per formances, theater, studio, nightclubs and discos.

This manual covers the important information on installation and applications. Meanwhile, please keep this manual well for future needs.



FOS technologies

3.TECHNICAL INFORMATION

SPECIFICATIONS:

- Input Voltage: AC90-260V 50/60Hz
- LED Quantities: 7*40W 4-in-1 RGBW LEDs; 90 pcs RGB 5050 high brighteness LED neon light effect
- Control Signal: DMX512, master-slave and sound activated or auto operation
- Control Channel: 59/31/25DMX channel modes
- Power Consumption: 350W
- Dimensions: 380(D)*200(W)*400(H)mm
- Packing Dimensions:410(D)*305(W)*415(H)mm
- Net Weight: 9.5kg
- Gross Weight: 12kg

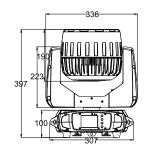
FEATURES:

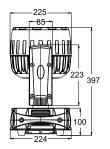
- Per each LED controllable individually
- Built-in online neon light effect
- 7*40W 4-IN-1 RGBW LEDS
- 50000 hours life span and low power
- CTB and CTO, linear colour temperature 2700K -8000K changable
- 8/16 bit smooth and precise resolution for PAN/TILT movement
- Scan position memory, auto reposition after unexpected movement
- 6°-60°Smooth electronic linear zoom
- ■Built-in running programs
- Built-in color and graphic effect macros
- 0-100% Linear LED dimmer
- 1-25T/sec high speed LED shutter/strobe effect with variable speed
- Preset variable/random strobe and dimming pulse effect

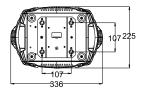
- DMX512, master-slave, and sound activated controllable or auto operation
- DMX recorder and edit function integrated
- High resolution graphic LCD display
- POWERCON connector IN
- 3-Pin XLR connectors IN/OUT
- Constant temperature readout and management
- function
- -35°C ~ 45°C max ambient temperature
- IP20 protection rating

FUNCTION:

- Scan position memory, auto reposition after unexpected movement
- Built-in running programs
- Built-in color and graphic effect macros
- Preset variable/random strobe and dimming pulse effect
- DMX recorder and edit function integrated







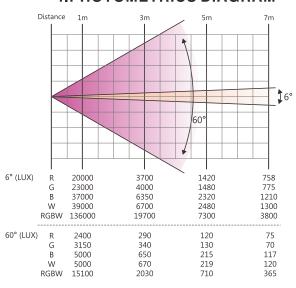
	<u> </u>	ı	Constanting with 12
27		0255	Green in pixel 2
		0255	Green in pixel 2 saturation control(0-100%) Blue in pixel 2
28		0255	Blue in pixel 2 saturation control(0-100%)
		0255	White in pixel 2
29		0255	
		0255	White in pixel 2 saturation control(0-100%) Red in Pixel 3
30		0.055	
		0255	Red in pixel 3 saturation control (0-100%)
31		0.055	Green in pixel 3
		0255	Green in pixel 3 saturation control(0-100% Blue in pixel 3
32		0.055	
		0255	Blue in pixel 3 saturation control(0-100%)
33		0.055	White in pixel 3
		0255	White in pixel 3 saturation control(0-100%)
34		0.055	Red in Pixel 4
		0255	Red in pixel 4 saturation control (0-100%)
35			Green in pixel 4
		0255	Green in pixel 4 saturation control(0-100%)
36			Blue in pixel 4
		0255	Blue in pixel 4 saturation control(0-100%)
37			White in pixel 4
		0255	White in pixel 4 saturation control(0-100%)
38			Red in Pixel 5
		0255	White in pixel 5 saturation control (0-100%)
39			Green in pixel 5
		0255	Green in pixel 5 saturation control(0-100%)
40			Blue in pixel 5
		0255	Blue in pixel 5 saturation control(0-100%)
41			White in pixel 5
		0255	White in pixel 5 saturation control(0-100%)
42			Red in Pixel 6
		0255	White in pixel 6 saturation control (0-100%)
43			Green in pixel 6
		0255	Green in pixel 6 saturation control(0-100%)
44			Blue in pixel 6
		0255	Blue in pixel 6 saturation control(0-100%)
45			White in pixel 6
		0255	White in pixel 6 saturation control(0-100%)
46			Red in Pixel 7
70		0255	White in pixel 7 saturation control (0-100%)
47			Green in pixel 7
		0255	Green in pixel 7 saturation control(0-100%)
48			Blue in pixel 7
.,		0255	Blue in pixel 7 saturation control(0-100%)
49			White in pixel 7
T 0		0255	White in pixel 7 saturation control(0-100%)





	1	1 1	Static nattorna or nattorna anced
			Static patterns or patterns speed
			Static Patterns
		200 007	(If channel 18 is in the interval 016 – 031)
		000007	
		008015	
		016023	
		024031	
		032039	
		040047	
		048055	
		056063	
		064071	static scene9
		072079	
		080087	
		088095	
		096097	static scene13
		104111	static scene14
		112119	static scene15
		120127	static scene16
		128135	static scene17
21	21	136143	static scene18
		144151	static scene19
		152159	static scene20
		160167	static scene21
		168175	static scene22
		176183	static scene23
		184191	static scene24
		192199	static scene25
		200207	static scene26
		208215	static scene27
		216223	
		224231	static scene29
		232239	static scene30
		240247	static scene31
		248255	
			Dynamic Patterns
			(If channel 18 is in the interval 032 – 255)
		000023	
		024137	Forward speed from zero speed to fast speed
		138141	
		142255	
		11211200	Red in Pixel 1
22		0255	Red in pixel 1 saturation control (0-100%)
23			Green in Pixel 1
		0255	Green in pixel 1 saturation control (0-100%)
24			Blue in Pixel 1
		0255	Blue in pixel 1 saturation control(0-100%)
25		0.055	White in pixel 1
-		0255	White in pixel 1 saturation control(0-100%) Red in pixel 2
26		0.055	
	<u> </u>	0255	Red in pixel 2 saturation control(0-100%)

4.PHOTOMETRICS DIAGRAM



5.OPERATION INSTRUCTIONS

- FOS Aurora is for wash effect for on-site decoration purpose.
- Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature.
- This light should be keep away from strong shaking during any transportation or movement.
- Don't pull up the light by only the head, or it might cause damages to the mechanical parts.
- Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And
- don't lay any power cables on the floor. Or it might cause electronic shock to the people.
- Make sure the installation place is in good safety condition before installing the fixture.
- Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.
- Make sure the lens are in good condition. It's recommended to replace the units if there are any damages or severe scratch.
- Make sure the fixture is operated by qualified personnel who knows the fixture before using.
- Keep the original packages if any second shipment is needed.
- Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.
- It is not in warranty range if there are any malfunctions from not following the user manual to operate or any illegal operation, like shock short circuit, electronic shock, lamp broke, etc.





6.INSTALLATIONS

Cautions:

For added protection mount the fixtures in areas outside walking paths, seating areas, or in areas were the fixture might be reached by unauthorized personnel.

Before mounting the fixture to any surface, make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable.

Never stand directly below the device when mounting, removing, or servicing the fixture.

from a ceiling, or set on a flat level surface (see illustration below). Be sure this fixture is kept at least 0.5m (1.5 f t) away from any flammable materials (decoration etc.).

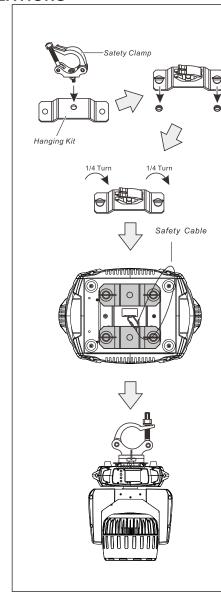
Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.

Mounting points:

Overhead mounting requires extensive experience, including amongst others calculating working load limits, a fine knowledge of the installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury. Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

Clamp Mounting:

FOS Aurora provides a unique mounting bracket assembly that integrates the bottom of the base, and the safety cable rigging point in one unit (see the illustration below). When mounting this fixture to truss be sure to secure an appropriately rated clamp to the included omega bracket using a M10 screw fitted through the center hole of the "Hanging Kit". As an added safety measure be sure to attached at least one properly rated safety cable to the fixture using on of the safety cable rigging point integrated in the base assembly .



INSTALLATION DIAGRAM

		Г Г	
16	17	000.055	Foreground dimmer
		000255	Foreground dimmer 0 – 100%.
			Background color for patterns
		00	No Function
		113	Red
		1427	Green
		2841	Blue
		4255	White
		5669	Red+White
		7083	Green+White
		8497	Blue+White
		98111	Green+Blue
		112125	Red+Blue
		126139	Red+Green
18	18	140153	Green+Blue+White
		154167	Red+Blue+White
		168181	Red+Green+White
		182195	Red+Blue+Green+White
		196202	2700K
		203209	3200K
		210216	3500K
		217223	5000K
		224230	5500K
		231237	6000K
		238244	6500K
		245251	7000K
		252255	8000K
19	19		Background dimmer
19	19	000255	Background dimmer 0 – 100%.
			Patterns
		000015	No function
		016031	Static patterns
		032043	Dynamic Scene1
		44.055	Dynamic Scene2
		056067	Dynamic Scene3
		068079	Dynamic Scene4
		080091	Dynamic Scene5
		092103	Dynamic Scene6
		104115	Dynamic Scene7
20	20	116127	Dynamic Scene8
20	20	128139	Dynamic Scene9
		140151	Dynamic Scene10
		152163	Dynamic Scene11
		164175	Dynamic Scene12
		176187	Dynamic Scene13
		188199	Dynamic Scene14
		200211	Dynamic Scene15
		212223	Dynamic Scene16
	1	224235	Dynamic Scene17
		236247	Dynamic Scene18

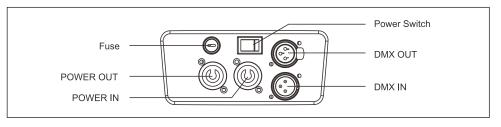




			140153	Green+Blue+White
			154167	Red+Blue+White
			168181	Red+Green+White
			182195	Red+Blue+Green+White
			196202	2700K
			203209	3200K
13	13	13	210216	3500K
			217223	5000K
			224230	5500K
			231237	6000K
			238244	6500K
			245251	7000K
			252255	8000K
				Color Temp
			015	No Function
			16.45	Below 3200K
			4675	3200K - 3500K
l			76105	3500K - 5000K
14	14	14	106135	5000K - 5500K
			136165	5500K - 6000K
			166195	6000K - 6500K
			196225	6500K - 7000K
			226255	7000K - 8000K
			220200	Visual Tungsten Lamp
15	15	15	015	No Function
10	'Ŭ	'Ŭ	16255	Tungsten lamp effect is gradually enhanced
			10.1200	
				Foreground color for patterns
			00	Foreground color for patterns No Function
			00 113	Foreground color for patterns No Function Red
			00 113 1427	Foreground color for patterns No Function Red Green
			00 113 1427 2841	Foreground color for patterns No Function Red Green Blue
			00 113 1427 2841 4255	Foreground color for patterns No Function Red Green Blue White
			00 113 1427 2841 4255 5669	Foreground color for patterns No Function Red Green Blue White Red+White
			00 113 1427 2841 4255 5669 7083	Foreground color for patterns No Function Red Green Blue White Red+White Green+White
			00 113 1427 2841 4255 5669 7083 8497	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White
			00 113 1427 2841 4255 5669 7083 8497 98111	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Green+Blue
			00 113 1427 2841 4255 5669 7083 8497 98111 112125	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Red+Blue Red+Blue
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Red+Blue Red+Green
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Red+Blue Red+Green Green+Blue+White
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Red+Blue Red+Green Green+Blue+White Red+Blue+White Red+Blue+White
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Red+Blue Red+Green Green+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Glue+White Green+Blue Red+Blue Red+Blue Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Glue+White Green+Blue Red+Blue Red+Blue Red+Blue Red+Blue+White Green+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195 196202 203209	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Red+Blue Red+Green Green+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+Green+White Red+Blue+Green+White Red+Blue+Green+White
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195 196202 203209 210216	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Glue+White Green+Blue Red+Blue Red+Blue Red+Blue+White Red+Blue+Green+White Red+Blue+Green+White 3200K 3200K
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195 196202 203209 210216 217223	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Glue+White Green+Blue Red+Blue Red+Blue Red+Blue+White Green+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+Green+White Red+Blue+Green+White 2700K 3200K 3500K
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195 196202 203209 210216 217223 224230	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Blue+White Green+Blue Red+Blue Red+Blue Red+Green Green+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+Green+White Red+Blue+Green+White Red+Blue+Green+White Red+Blue+Green+White Sed+Blue+Green+White Red+Blue+Green+White Sed+Blue+Green+White Sed+Blue+Green+White
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195 196202 203209 210216 217223 224230 231237	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Green+Blue Red+Blue Red+Green Green+Blue+White Red+Blue+White Red+Blue+White 300000000000000000000000000000000000
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195 196202 203209 210216 217223 224230 231237 238244	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Green+Blue Red+Blue Red+Blue Red+Green Green+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Rod+Blue+White Red+Blue+White Red+Blue+White Red+Blue+White Red+Blue+Green+White Red+Blue+Green+White Red+Blue+Green+White Souck 3200K 3500K 5000K 5000K
16	16		00 113 1427 2841 4255 5669 7083 8497 98111 112125 126139 140153 154167 168181 182195 196202 203209 210216 217223 224230 231237	Foreground color for patterns No Function Red Green Blue White Red+White Green+White Green+Blue Red+Blue Red+Green Green+Blue+White Red+Blue+White Red+Blue+White 300000000000000000000000000000000000

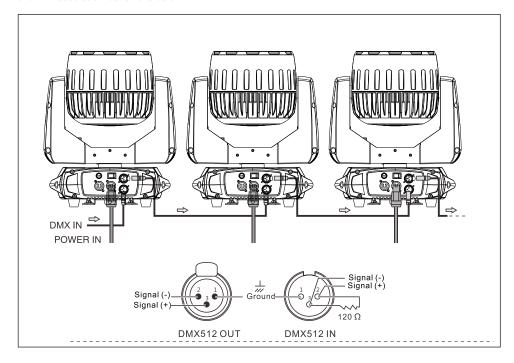
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7.CONTROL CONNECTION



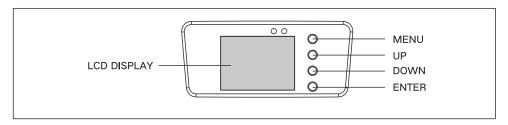
Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple Moving head together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below. DMX-512 connection with DMX terminator.

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a3 resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below.





8.MENU OPERATIONS



		MENU	Description
	Dmx Address	A001~AXXX	DMX address setting
		Ch31	31 Channel Mode
Function	Channel Mode	Ch25	25 Channel Mode
Mode	Charmer Wode	Ch59	59 Channel Mode
	Auto Run	Internal Program1~8 Master/Alone	Auto run
	Music Control	Internal Program1~8 Master/Alone	Sound Control
Option	Reset Default	Yes/No	Reset Defau l t
		Wire DMX	Wire <i>DMX</i>
	Signal Set	Wireless DMX	Wireless <i>DMX</i>
	 	Act WDMX & Out	Act WDMX & Out
		Reverse Pan (On/Off)	Reverse Pan
	Pan / Ti l t	Reverse Tilt (On/Off)	Reverse Tilt
	 	Select Pan 630 ° /540 ° /360 °	Pan Degree,default is 540
-	 	Select Tilt 270 ° /180 ° /90 °	Tilt Degree,default is 270°
	UI SET	Mic SEN 0~99%	Sensitivity Setting
	 	OFF Signal Mode (On/Off)	OFF at original status and ON at reset status when no DMX signal
nformation	Temperature	XXX ° C/ ° F	Current Temperature
	Software Version	V1.0~V9.9	Software Version
Manua l	 	Total Reset	Total Reset
Control	Reset	Pan/Tilt Reset	Pan/Tilt Reset
		Zoom Reset	Zoom Reset
	Channel	PAN=XXX······	Manual Channel Control
Advanced	Calibration	PAN=XXX······	Calibration(Code:088)

9.DMX PROTOCOL

Mode/Channel		Value	Function	
59 31 25				
4				Pan
1	1	1	0255	PAN Movement
_		_		Pan-fine
2	2	2	0255	Fine control of Pan movement
	0	_		Tilt
3	3	3	0255	Tilt Movement
_	4	4		Tile-fine
4	4	4	0255	Fine control of Tilt movement
				Speed pan/tile
_	_	_	0225	max to min speed
5	5	5	226235	blackout by movement
			236255	no function
_		_		Dimmer
6	6	6	0255	Dimmer 0%100%
				Shutter
			031	Shutter closed
			3263	shutter open
_	-	_	6495	Strobe effect slow to fast
7	7	7	96127	shutter open
			128159	Pulse-effect in sequences slow to fast
			160191	shutter open
			192255	shutter open
		_		Red
8	8	8	0255	0-100% Red dimmer from dark to bright
	_	_		Green
9	9	9	0255	0-100% Green dimmer from dark to bright
4.0	4.0	10		Blue
10	10		0255	0-100% Blue dimmer from dark to bright
4.4	4.4			White
11	11		0255	0-100% White dimmer from dark to bright
				Zoom
12	12	12	0255	In(near) to out(far)
	13	13		Virtual color
			00	No Function
			113	Red
			1427	Green
			28.41	Blue
			4255	White
13			5669	Red+White
			7083	Green+White
			8497	Blue+White
			98111	Green+Blue
			112.125	Red+Blue
			126139	Red+Green
			120100	Nou · Orocii