60W LED SPOT
MOVING HEAD LIGHT

USER   MANUAL

Please keep read this manual carefully before us

Thank you for buying our professional lighting products.

This user manual includes important information for installation and operation, so please read this user manual carefully before installation and operation, and keep this user manual well for further use.

In order to install , operate, and maintain the lighting safety and correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.

Spare part includes:

Name	QTY	Unit
Fixture	1	PC
User manual	1	PC
Power cable	1	PC
DMX Cable	1	PC
Clamp	1	PC

Please check carefully that there is no damage caused by transportation. Should there be any, consult your local dealer.

Cautions

Before delivery, this device has passed strict inspection, Please follow the user manual strictly for operation, if this fixture is damaged by improper operation and mistake, the fixture will be out of warranty, and manufacture or dealer won't be responsible for it. In case of any technology change in this manual,we won't advise in further .

CAUTION!
Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

Warning!
Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

Installation

► This fixture is not suitable for direct installation on combustible material surface, please keep the fixture surface at least 0.5m from any combustible material.

► If you use the quick lock cam in hanging up the fixture, please make sure the quick lock fasteners turned in the quick lock holes correctly.

►The applicable temperature for the fixture is between -25°C to 45°C. Do not use the lighting under or above this temperature range.

►The truss for hanging the fixture should be able to hold 10 times weight of this fixture and no deformation after 1 hour hang.

►Please don't stand under the fixture when install, uninstall, move or repair the fixture.

►Please ensure the light is connected correctly and invite professional technician to check and confirm the electrical data before installation.

►Please invite professional technician to check the fixture and installation each year.

Product specification

Voltage：100-240V，50/60HZ；
Power Consumption：100W；
Light source:60W White LED
Average lifetime:50000 hours；
DMX Channel: 11/13 CH
Pan：630°；
Tilt：270°；
Operation mode: DMX/master-slave/sound/auto/manual
Strobe: 1-23 Hz
Electrical dimming：0%~100%
Over-heat protection；Display：LED
Working temperature: -10º~~45º
IP rate:IP20

Display and operation

Panel description:
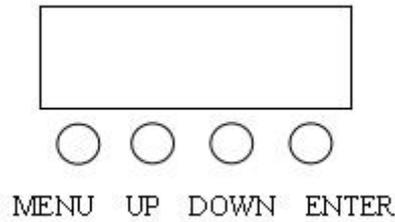
MENU	Function selection
UP	To select upward
DOWN	To select downward
ENTER	To confirm and save

Display Panel Setting

Addr	A001-A512	DMX address setting
CHnd	13CH	13CH setting
	11CH	11CH setting
SLnd	NAST	Master mode
	SL 1	console mode
SHnd	SH 0	Effect 0 (recommended)
	SH 1	Effect 1
	SH 2	Effect 2
	SH 3	Effect 3
Soud	on	Sound control ON
	oFF	Sound control OFF
SEnS	0-100	Sound control sensitivity adjustment
bLnd	bLAc	Return to zero without 512 signal
	Auto	Auto without 512 signal
	Soun	Sound without 512 signal
	HoLd	Keep last console state without 512 signal
LEd	OFF	Screen off after 5 seconds
	ON	Screen always on
dISP	no	Display reverse
	YES	Display forward
rPAN	no	X motor rotates forward
	YES	X motor reverse
rTiL	no	Y motor rotates forward
	YES	Y motor reverse
REST	YES	System reset

DMX channel Table

11CH Mode:

Channel	Function/Value	Description
1	Pan X	0-255
2	Tilt Y	0-255
3	Dimming	0-255
4	Strobe	0-255
5	Pan/Tilt speed	0-255
6	Color	
	0-9	No effect
	10-19	Color 2
	20-29	Color 3
	30-39	Color 4
	40-49	Color 5
	50-59	Color 6
	60-69	Color 7
	70-79	Color 8
	80-89	half color 1
	90-99	half color 2
	100-109	half color 3
	110-119	half color 4
	120-129	half color 5
	130-139	half color 6
	140-255	Color change slow to fast
7	Gobo	
	0-7	No effect
	8-15	Gobo 2
	16-23	Gobo 3
	24-31	Gobo 4
	32-39	Gobo 5
	40-47	Gobo 6
	48-55	Gobo 7
	56-63	Gobo 8
	64-71	White circle
	72-127	Gobo shake
	128-255	Gobo change slow to fast
8	LED ring	
	0-10	No effect
	11-17	LED ring color 1
	18-24	LED ring color 2
	25-31	LED ring color 3
	32-38	LED ring color 4
	39-45	LED ring color 5
	46-52	LED ring color 6
	53-59	LED ring color 7
	60-65	LED ring auto 1

	66-71	LED ring auto 2
	72-77	LED ring auto 3
	78-83	LED ring auto 4
	84-89	LED ring auto 5
	90-95	LED ring auto 6
	96-101	LED ring auto 7
	102-107	LED ring auto 8
	108-113	LED ring auto 9
	114-119	LED ring auto 10
	120-125	LED ring auto 11
	126-131	LED ring auto 12
	132-137	LED ring auto 13
	138-143	LED ring auto 14
	144-149	LED ring auto 15
	150-159	LED ring auto 16
	160-165	LED ring sound 1
	166-171	LED ring sound 2
	172-177	LED ring sound 3
	178-183	LED ring sound 4
	184-189	LED ring sound 5
	190-195	LED ring sound 6
	196-201	LED ring sound 7
	202-207	LED ring sound 8
	208-213	LED ring sound 9
	214-219	LED ring sound 10
	220-225	LED ring sound 11
	226-231	LED ring sound 12
	232-237	LED ring sound 13
	238-243	LED ring sound 14
	244-249	LED ring sound 15
	250-255	LED ring sound 16
9	0-255	LED ring speed/sensitivity
	Auto	
	0-59	No effect
	60-84	Auto 0
	85-109	Auto 1
10	110-134	Auto 2
	135-159	Auto 3
	160-184	Sound 0
	185-209	Sound 1
	210-234	Sound 2
	235-255	Sound 3
	0-20	No effect
	21-100	X motor
11	101-200	Y motor
	201-249	XY motor
	250-255	Reset（after 5 seconds）

13CH Mode:

Channel	Function/Value	Description
1	Pan X	0-255
2	Pan X fine	0-255
3	Tilt Y	0-255
4	Tilt Y fine	0-255
5	Pan/Tilt speed	0-255
6	Dimming	0-255
7	Strobe	0-255
8	Color	
	0-9	No effect
	10-19	Color 2
	20-29	Color 3
	30-39	Color 4
	40-49	Color 5
	50-59	Color 6
	60-69	Color 7
	70-79	Color 8
	80-89	half color 1
	90-99	half color 2
	100-109	half color 3
	110-119	half color 4
	120-129	half color 5
	130-139	half color 6
	140-255	Color change slow to fast
9	Gobo	
	0-7	No effect
	8-15	Gobo 2
	16-23	Gobo 3
	24-31	Gobo 4
	32-39	Gobo 5
	40-47	Gobo 6
	48-55	Gobo 7
	56-63	Gobo 8
	64-71	White circle
	72-127	Gobo shake
	128-255	Gobo change slow to fast
10	LED ring	
	0-10	No effect
	11-17	LED ring color 1
	18-24	LED ring color 2
	25-31	LED ring color 3
	32-38	LED ring color 4
	39-45	LED ring color 5

		46-52	LED ring color 6
		53-59	LED ring color 7
		60-65	LED ring auto 1
		66-71	LED ring auto 2
		72-77	LED ring auto 3
		78-83	LED ring auto 4
		84-89	LED ring auto 5
		90-95	LED ring auto 6
		96-101	LED ring auto 7
		102-107	LED ring auto 8
		108-113	LED ring auto 9
		114-119	LED ring auto 10
		120-125	LED ring auto 11
		126-131	LED ring auto 12
		132-137	LED ring auto 13
		138-143	LED ring auto 14
		144-149	LED ring auto 15
		150-159	LED ring auto 16
		160-165	LED ring sound 1
		166-171	LED ring sound 2
		172-177	LED ring sound 3
		178-183	LED ring sound 4
		184-189	LED ring sound 5
		190-195	LED ring sound 6
		196-201	LED ring sound 7
		202-207	LED ring sound 8
		208-213	LED ring sound 9
		214-219	LED ring sound 10
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		244-249	LED ring sound 15
		250-255	LED ring sound 16
11		0-255	LED ring speed/sensitivity
12		Auto	
		0-59	No effect
		60-84	Auto 0
		85-109	Auto 1
		110-134	Auto 2
		135-159	Auto 3
		160-184	Sound 0
		185-209	Sound 1
		210-234	Sound 2
		235-255	Sound 3
13		0-20	No effect
		21-100	X motor
		101-200	Y motor

201-249	XY motor
250-255	Reset（after 5 seconds）

DMX-512 Connection

Connect the provided XLR cable to the male 3-pin XLR output of your controller and the other side to the female 3-pin XLR input of the light.then connect the DMX signal to the first fixture to the 2nd fixture, after all fixtures are connected,

The signal cable should be two - core with screened cable with XLR input and output connectors. Please refer to the diagram below

DMX output   DMX Input

1: Ground
2: Signal (−)
3: Signal (+)
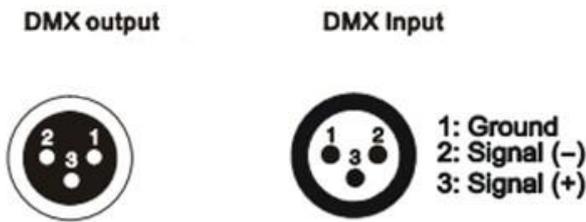
DMX Address setting

Each fixture must set a specific starting address. When receiving signal transmission, fixture will receive channel control signals which from the starting address.

According to different requirements or easy to use, the user can set many value fixtures to the same address, also can set up a separate address for every device.

If you set the same address,all the devices will receive from DMX channels signal. All connecting fixtures are jointly controlled, controller can't separate control a device.

If you set a different address, each device will be separate from its particular set the starting address and begin accepting DMX512 control signal, so that more convenient separate control one device. Using this method must be based on channel quantity of device to determine a starting address.

This light has 16 channels.you should set the starting address of the first unit to 1, the second unit to 14(1 + 13), the third unit to 27 (14+ 13), and so on.

Cleaning and maintenance

Cleaning should be performed every 15-day period, by using a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror.
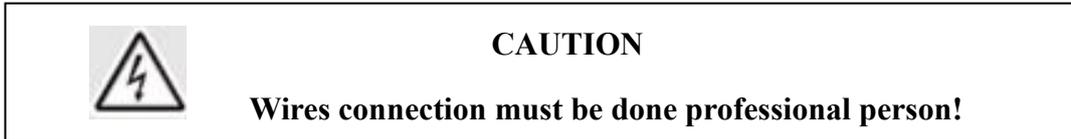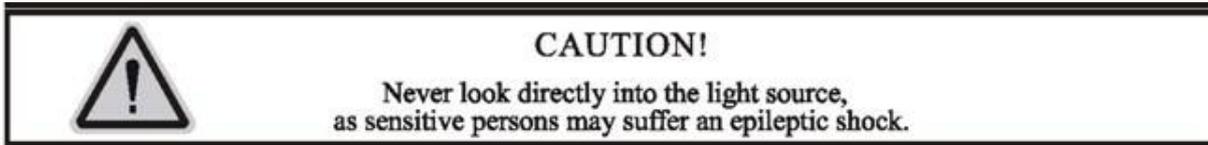
	CAUTION
	Cut off power before cleaning and maintenance!

Attention

Do not see directly light source when open the light, and make sure power off before do any installation or maintenance.

⚠	**CAUTION!** Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

⚡	**CAUTION** **Wires connection must be done professional person!**

Cautions

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Warranty Card

This product is made of high-brightness transistor. We will provide 1 year warranty under the condition that user has operated the light normally and lifetime service. We won't provide warranty if the damage is caused by artificial or force majeure event. Cost of fittings should be charged by user if product need maintenance after 1 year .Please cut this warranty card and shipped it along with the product to our factory when applying for warranty.

Product： **Purchasing date：** **Code of invoice：**	
Warranty date: From	**To**
User's name：	**Add：**
Company：	**Tel：**