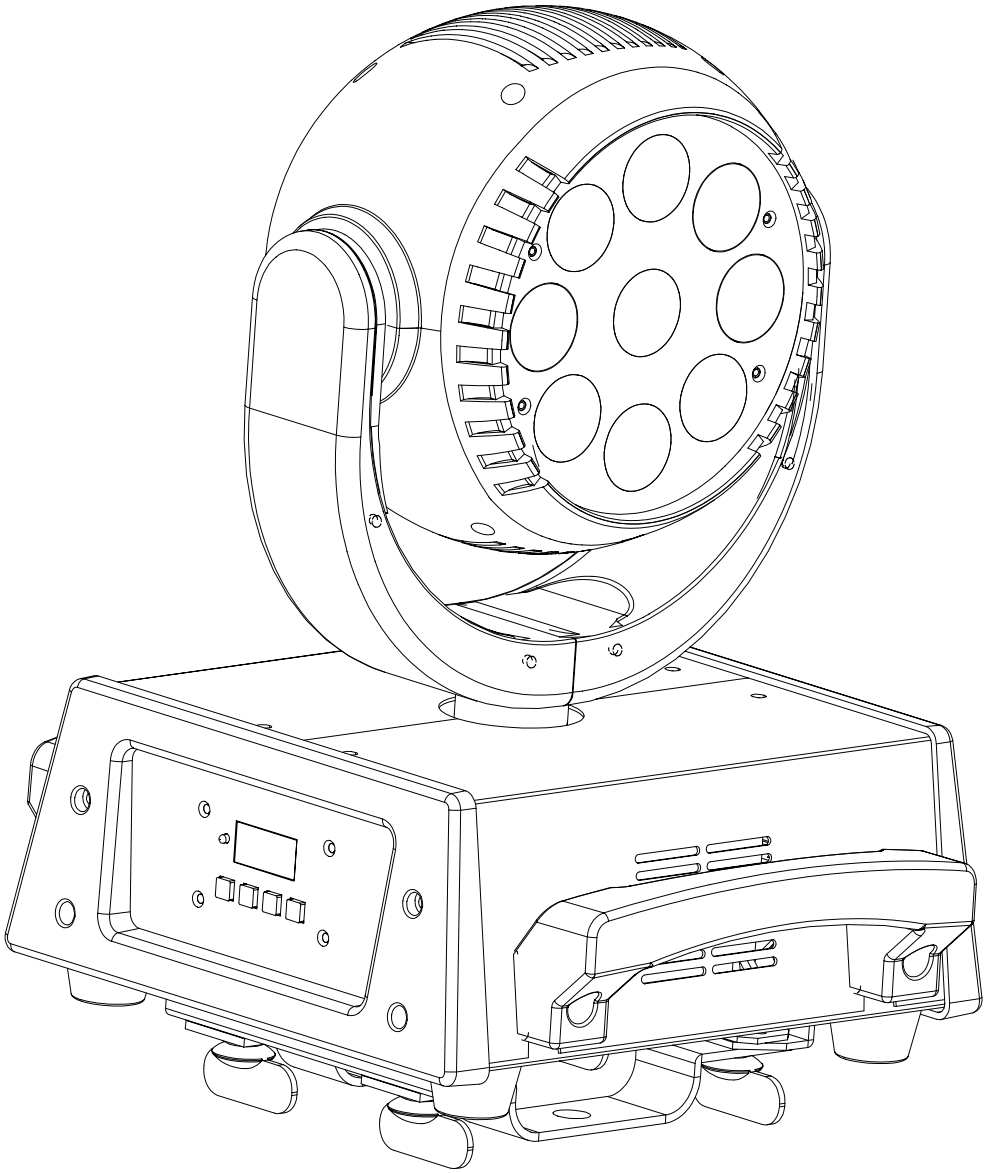
USER MANUAL

(SRM-6113)



INTRODUCTION

Thanks for your purchase of our product, SRM-6113 High Power LED Moving Head. It can works under auto mode、sound and Master Slave mode with 16 built-in programs. The product has a long lifespan and 10W 4IN1 cree LED. It is exquisite and applicable for all kinds of entertaining occasions. Before you begin, please read instructions carefully. If you meet with any problem, please contact with your distributor nearby.

MAIN FEATURES

■DMX-512 control, 12 channels

■DMX, AUTO, SOUND，Master Slave mode

■RGBW control with 255 grades

■RGBW total dimmer is 0~100%

■Shutter speed is 10/sec ~1/10secs

■9X10W 4IN1 RGBW LED

■PAN scan angle 0~540 degrees

■Tilt scan angle 0~230 degrees

UNPACKING

★SRM-6113 High Power LED Moving Head
★USER MANUAL

TENICAL SPECIFICATION

Type----------SRM-6113 High Power LED MOVING HEAD
Light Source----------9X10W 4IN1 RGBW CREE LED
Voltage----------96~240VAC 50/60Hz
Power----------110W
Dimension----------250X300X390MM
Weight----------6.45KG

SAFETY WARNING

For your convenient and accurate operation, please read following information carefully.

◆Suitable for indoor use only.

◆Put it in a dry, well -ventilated place in case of short cut caused by erosion of moisture and rain.

◆Do not install it nearby hot sources in case that rising temperature of lamp damages itself.

◆Do not barrier vent in order to ventilate well and dissipate in time.

◆Connect the fixture with power source, which has a ground line and voltage of power source, should accord with rating voltage.

◆If fuse was damaged, change the same type.

◆You can only choose accessories the manufacturer provides when need repairing.

◆Ambient temperature of the lamp should not exceed 40℃

◆If any problem, contact with professional technicians working in our after-sales service department.

PANEL REVIEW

FUN: function menu or withdraw the last menu

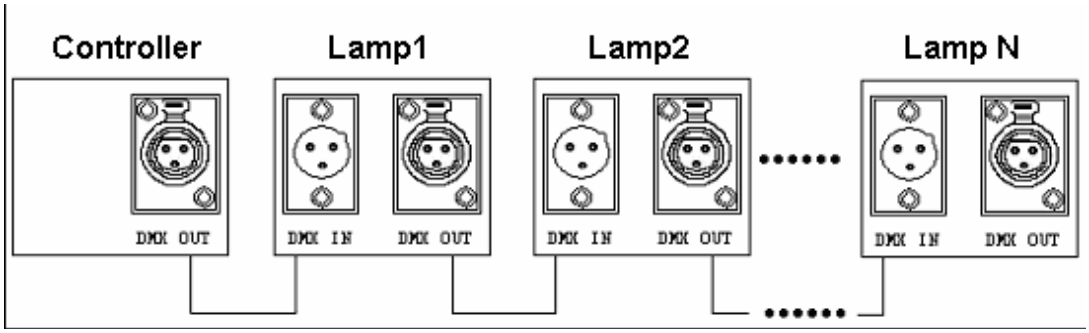
ENTER: enter the next menu or definite present value.

UP: increase one step each time

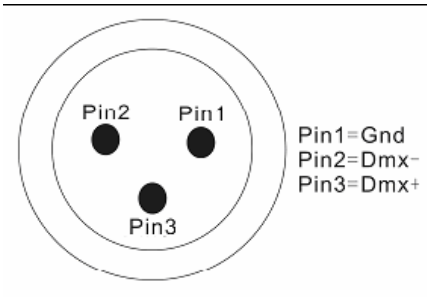
DOWN: decrease one step each time.

INSTALLATION AND SETTING

1. MULTI-FIXTURES CONNECTION



The shield connection is pin 1, while pin 2 is Data Negative (S-) and pin 3 is Data positive (S+).



2. LAMP BODY INSTALLATION

Notes: Do not install it nearby the curtain or flammable materials. Only for indoor use.

OPERATION

1. SET DIPSWITCHES

■Each fixture occupies 12 DMX channels.

■DMX 512 signals can control multi-fixtures together; however you must set DMX address of each lamp first. Different DMX address will lead to different movements.

■You can set DMX address from 1~500 on the multi-function display panel.

■Switch on power supply and after finishing resetting, the panel will show 001,that is to say DMX address is 001 and the first lamp has been controlled by 1~12 channels.In turn the second fixture has been controlled by 13~24 channels. (When panel shows 001, press **UP/DOWN** button until it shows 013.Then just press **ENTER** button). In the same way, the third fixture has been controlled by 25~36 channels and the panel shows 025.

■Through this method, you can control multi-fixtures to perform different movements.

2. CHANNEL FUNTIONS

No.	DISPLAY		FUNCTION
1	Addr	001-501(503)	DMX address (16BT is on, the max value is 501).
2	MODE	M-DM	DMX mode.
		M-AU	AUTO mode.
		M-SO	SOUND mode.
3	PRCO	PR-1~PR-8	8 built-in programs. Pr1-4 means skip. Pr5-8 means fade.
4	SPCO	SP01~SP15	Auto speed is 0.1~20 seconds each step.
5	rPAN	STND	Run clockwise as DMX value increases.
		REV	Run anticlockwise as DMX value decreases.
6	rTILT	STND	Run clockwise as DMX data increase.
		REV	Run anticlockwise as DMX data decreases.
7	r-PT	STND	CH7:PAN, CH8:TILE, CH10:PAN FINE, CH11:TILT FINE.
		REV	CH7:TILE, CH8:PAN, CH10:TILT FINE, CH11:PAN FINE.
8	TEST	ALL	Check all LEDs with motors.
		PAN	Check pan channels, Display “Pan”.
		TILT	Check TILT channels, Display “TITL”.
		RED	Check red channels, Display “rEd”.
		GREN	Check green channels, Display “GrEn”.
		BLUE	Check blue channels, Display “bLuE”.

		WHITE	Check white channels, Display“AnbE”.
9	DSPL	STND	Display bites normally.
		REV	Display bytes upside down.
10	REST	REST/on	System Reset
11	16BT	ON	PAN, TILT is 16 bit, CH10: PAN FINE, CH11:TILT FINE.
		OFF	PAN, TILT is 8 bit. CH10, CH11 does not exist.

3. ABOUT EACH CHANNEL

NO.	DMX Value	Function
CH1	000～255	Dimmer:0%～100%
CH2	000～255	Shutter or Auto speed
CH3	000～255	Red:0%～100%
CH4	000～255	Green:0%～100%
CH5	000～255	Blue: 0%～100%
CH6	000～255	White:0%～100%
CH7 PAN（540°）	000	Leftmost.
	127	Medium.
	255	Rightmost.
CH8 TILT（230°）	001	Bottommost.
	000/127	Topmost.
	255	Bottommost.
CH9	000～255	Motor Speed
CH10	000～255	PAN FINE（2.4°）
CH11	000～255	TILT FINE（2.4°）
CH12	000～024	RGBW Manual mode(the relevant channels: CH1 ~ CH6)
	025～049	Built-in program 1, (the relevant channels: CH2).
	050～074	Built-in program 2, (the relevant channels: CH2).
	075～099	Built-in program 3, (the relevant channels: CH2).
	100～124	Built-in program 4, (the relevant channels: CH2).
	125～149	Built-in program 5, (the relevant channels: CH2).
	150～174	Built-in program 6, (the relevant channels: CH2).
	175～199	Built-in program 7, (the relevant channels: CH2).
	200～224	Built-in program 8, (the relevant channels: CH2).
	225～244	Sound-active program.
	245～255	20 seconds later, system Reset

Notes: When 16 BT is on, CH10, CH11 exists; otherwise they do not exist.

MAINTENANCE

1. TROUBLESHOOTING

Problem	Probable cause(s)	Suggested remedy
Fixtures do not	No power source	Check if power source is on or cord works well.

work.	Fuse burnt	Cut off power source and change the same type fuse. If fuse was burnt on end, it may be the problem of connection; Find qualified professors to repair.
Reset normally, but console Abnormally or no response.	False or incomplete data connection	Check, repair or change the data line. Ensure connection is well and the first lamp's single input is connected with the controller output.
	False address setting	Check DMX address.
	Problem of signal connector of some fixtures	Pull out the signal output and input of one fixture. Then connect both directly. If it works well, this fixture is proved to be the failed one. Handle the rest fixtures alike to check which fixture has problems. If any problem, please connect the technician.
	Signal output does not match with the pin(pins2 and pins3 has a wrong sequence)	Toggle the PHASE button on the controller to reverse the polarity.

2. CLEANING

Though increasing reliability by designing well and we never stop to improve quality to lengthen lamp's lifespan. It is still indispensable to maintain it well by certain time in order to ensure best performance

First, clean fan and vent.

Favorable heat-dissipation and ventilation is vital to lamp's normal work. So clean the fan and vent during a certain time to guarantee smooth of wind path. Otherwise dust will barrier vent, which will affect the performance because of over heat after working for some time.

Second, lens cleaning and maintenance

To ensure the best effect of lamp, please clean every lean or reflective setting. Use the soft cotton with some lotion to clean it, but do not damage lens.

Third, check line during a certain time.

Check connecting line, wiring and ground line to ensure safety of using lamp during a certain time.

Forth, mechanical transmission part maintenance.

Check mechanical transmission part if it has any loose part during a certain time, such as a strap. Abrasion of mechanical transmission part will affect stability of lamp work. If strap is loose, you should change it if needed.