250w

moving head light

User manual

Brief

Thank you for your purchasing our movingheadlight , the Features,as follow :

- ◆ MSD250W bulb
- ◆ 7 colors +white + rainbow effects
- ◆ Adjustable strobe frequency
- ◆ X-axis 450-degree Y-axis 270 degrees, precision micro-step
- ◆ DMX512
- ◆ cooling
- ◆ power: 200—240V 50Hz
- ◆ power Consumption: 330W

  motor: Through the internal micro-processing control the six micro-motor system

  Packing: plastic case

  work environment: indoor, —20℃～40℃

- ◆ size: 420mm(L)×350mm(W)×580 (H)
- ◆ weight: 23kg

Installation

1、the lamp can be fixed in any position, but the distance between the lighting and the persons or objects must at least 1m, to ensure a firm locking, and precautionary measures, lamps should be safe ground.

2、ensure that the voltage and frequency fit for your local power supply, factory settings have been marked the end of the product box.

3、only electrify the power after set the address codes and connect the signal lines (address code and the signal lines to connect, see below).

1

4、Once the machine is properly connected, it is likely to open，Lamp will make a reset after start the light , All of this can promote motor to a 1 point,and rotation the internal Color and pattern plate，Allowing all micro-processing control system records all motor position。after the lamp is triggered, the lamps will produce electrical noise YA020 Moving Head equipped with electronic surveillance system that can monitor the micro-processing system.If the micro-processing function of the micro-processing system is disturbance, the system will start the reset function, This will ensure the reset function run well and the lamp can receive control commands and functioning properly.

5、Please wait about 15 minutes after turn on the power, until the bulb light up completely. Bulb is not the type of re-activation, so you have to wait 10 minutes after turn off the lamp ,and imit then open it again .

DMX512：

DMX512 controller have output signal standard, the connection is completed through "input" and "output" block ... 3-pin XLR, Console Signal Line output to the light must corresponding to the 1 ground ,2 Negative line ,3 Positive on the 3-pin XLR Block , Otherwise, the 2 and 3 feet reversed Welding(The general control units do not have to swap the feet) The length of the signal line should be in 100m and prevent as the signal line is too long, and Interference by other electrical appliances address settings.

Each YA020 Moving Head are subject to a group of eight-band's

2

control information, They all start as a same start sata which per-given , The distribution of these addresses yards all seted from the YA020 Moving Head behind the panel's digital display .

Note: When using any of the controller, each lamp must have its own start address code, it is set as the 16-channel control units, In this way, the address of the first lighting is 1; second is 17; third one is 33 , and so on (this setting approach would require to different control, now only follow conventional sense).

Channel

DMX channel	DMXvalue	feaction
1、color	0~15	white
	16~31	color1
	32~47	color2
	48~63	color3
	64~79	color4
	80~95	color5
	96~111	color6
	112~127	color7
	128~255	slow -fast
2、gobo	0~15	Whith
	16~31	gobo1
	32~47	gobo 2
	48~63	gobo 3
	64~79	gobo gobo 4
	80~95	gobo 5
	96~111	gobo 6
	112~127	gobo 7
	128~255	slow-fast
3 gobo auto-rotate	0~7	No auto-rotate
	8~119	Clockwise rotate from slow to fast
	120~231	Counterclockwise rotate from slow to fast
	232~239	180^0rotate
	240~247	360^0rotate
	248~255	720^0rotate
4、strobe	0~7	off
	8~231	Slow to fast
	232~255	on
	0~255	Dark to bright
5、pan	0~255	Level0~450^0
6、tilt	0~255	Vertical 0~270^0
7、XYspeed	0-255	Fast to slow
8、reset	0~255	For 5 seconds to reset

Display Panel Instructions

1, Press the **ENTER** key to display the DMX512 address code, and then *press* **UP** *and* **DOWN** *keys to adjust address code. And then press ENTER* key to determine.

2, set the sound, or auto mode, press **DOWN** key 4 times, and then click **ENTER,** then press **DOWN** and **UP** button, select the sound or auto mode, ON said the sound, OFF, said auto mode, press **ENTER** again, and then Press **ESC** return to the screen

3, how to run the auto mode or sound, press **UP** button 2 times, and then **ENTER** key 2 times is ok..

4. set the X-axis direction rotation, press the **DOWN** key three times, and then press **ENTER** key, select ON or OFF, ON, said counter-rotating, OFF,

said forward rotation, and then press ENTER is ok

5. set the Y-axis direction rotation, press the **DOWN** key two times, and then press **ENTER** key, select ON or OFF, ON, said counter-rotating, OFF, said forward rotation, and then press **ENTER** is ok

Maintenance

Ensure the power is cut off before open the lamp or starting any maintenance work. keep the light clean, it is very importance to keep the SA003N moving head light's clean , Dust, dirt ,smoke and even the laying of oil not allow to into the lamps ,any problem will weak the brightness. keep the clean not only to maintain the maximum brightness of light output but also extend its life .

Advice use of professional high-quality glass cleaner and to

flannel. not allow use of alcohol or chemical solvents In any case.

Pattern can be cleaned with a soft brush. the lamp's internal use

of vacuum cleaner cleaned at least once a year.

Color filter and the pattern wheel should be cleaned every month ,

the Color film should be cleaned every month.

Warning

1、Do not disassembly or modification of computer lights.

2、Do not use the computer light contact with water or any other

types of liquids and metal objects (IP20)

3、Do not let the computer lights installedIn the high-temperature

environment

4、Do not let the beam irradiation on the combustible goods. The

 distance between the Computer Lamp and combustibles should be kept

at least1 m.

5、The minimum distance between thecomputer lights and adjacent

surfaces should be kept 0.5m

6、Do not look at the computer light beam directly, or may injury
to the eyes

7、Do not use the computer lights's rotating arm to lift or carry

the computer lights

8、Please cut off the power before open the lights or carry out repair

work. bulbs work will reach to a very high temperature, and gas

discharge bulbs can not be intermittent supply of properties,so

please donnot do any operate until the lights completely cooled more than 15 minutes! otherwise will lead to discharge, short circuit, or even burn the components on the control panel.

product warranty card

name	model

Manufacte date	buy date

Company name:

Address:

Tel:

contact person:

Tel:

Seal:

Note: The above blank must be fill in ,seal truthfully by the end-user , (warranty period and terms ,as follow)
 Warranty: one year
Warranty terms:
1, failures at the warranty period In the normal
   State, In accordance with the terms of this warranty,To produce the warranty card and purchase notes (photocopy), enjoy free maintenance service In the designated service center
   or the manufacturer.
2, during the warranty , there will Implementation of the paid Service,as follow :
(1)   Can not show the valid warranty card
(2)   Omission, alteration or no sales shop name on the warranty Card.
(3)   the fault or damage as the non-resistance
(4)   the fault or damage as the transport, unloading
(5)   the fault or damage as not follow the instructions
(6)   Disassembe the light Without factory authorization or non- professionals
(7)   Use of non-factory authorized non-matching control system for factory
(8)   consumables (light bulbs)