LED Mini Moving head Light

User   Manual

Please read the instructions carefully before use

General instructions

Unpacking:

Thank you for purchasing this product. Please read user Manual for safety and operations information before using the product. Keep this manual for future reference. This product can create perfect LED Mini Moving head light programs and effects since it has passed a series of strictly tests before delivery. Please check the attachments listed on the page after opening the carton. In the event of carton damage or attachment missing in transit, please contact your dealer or our after sales service department.

Attachments

1. LED Mini Moving head Light: 1PCS
2. Power cable: 1PCS
3. User Guide: 1PCS

Notice

1. Before using this unit be sure the voltage and frequency of power supply match the power requirements of the fixture.
2. Do not remove the cover under any conditions.
3. Disconnect   main   power before servicing and maintenance.
4. Working environment temperature:-20℃~40℃
5. Do not turn on and off the unit frequently.
6. Do not connect the device to any dimmer pack and do not operate this unit when its cover removed.
7. Do not look directly at the LED light beam while the fixture is on.
8. This unit is intended for indoor use only and should be prevented form water, moisture and shake.
9. Do not remove or break the warranty label, otherwise it void the warranty.
10. Always replace with the exact same type fuse, replacement with anything other than the specified fuse can cause fire or electric shock and damage your unit, and will void your manufactures warranty.

Technical Specification

1. Voltage: AC100~240V(50HZ/60HZ)
2. Working Modes: Sound Active, AUTO, DMX, Master-Slave
3. Color: RGBW Mixing and Multi colors
4. Pan/Tilt: 540°/180°
5. Strobe/Dimmer: Variable electronic
6. Electronic Dimming: 0-100%
7. Built in Microphone
8. DMX-512 Control
9. Multi-channel mode
10. Control channel: 9/14
11. Size: L*W*H=225*225*270mm;
12. Weight: 4.3Kg

Front Panel

1、 MENU: To select menu or exit

2、 UP: Increase parameter

3、 DOMN: decrease parameter

4、 ENTER: Confirm or enter submenu

How to set the unit:

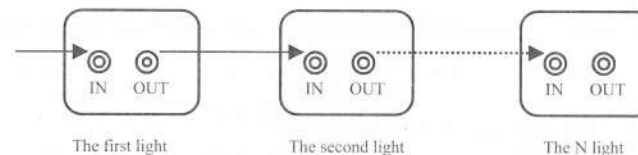| MENU (MODE/ESC)		Function
d001		DMX512 Mode
∩AFA	∩StS→Srun	Sound Active
	∩STc→Crun	Stand alone mode
	SLAu→Son	Slave mode
	∩ASL→ SLoU	Slow auto mode
	FASt	AUTO run to fast
PAn→rPAn		Pan Reverse. Use the "UP" and "down" to choose "Pan", then touches "ENTER" to confirm
tiL→rliL		Tilt Reverse. Use the "UP" and "down" to choose "tit", then touches "ENTER" to confirm it
diS→rdiS		Display inversion
14CH→9CH		14 or 9 channel
PA54→PA36→PA18		Pan angle
Ti27→li18→li09		Tilt angle
rESt		Fixture reset
LoAd		Factory Settings

How to control the fixture

1、 DMX512 controller
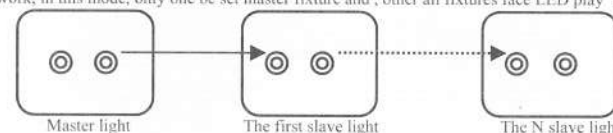
2、 Master/slave operation

1、 DMX512 controller

The fixture have function is that auto recognizing DMX or slave signal: The fixtures only accepts the DMX512 sig international standard to control the system. When you run the chase, all The fixture must be set the same channel mode (use or CH14 channel mode),Then according to connect you need the fixtures as the below, then turn on the power, the fixtures wil to work and all the fixtures play "1", in this times the all the fixtures have accept the DMX512 signal

| The first light | The second light | The N light |

2、 Master/slave operation

The fixture will allow you to link 30 fixtures together and operate without a controller. and all The fixtures must be set th channels(uses CH9 or CH14 channels), Then according to connect you need the fixtures as the below, then turn on the pow fixtures will begin to work, in this mode, only one be set master fixture and , other all fixtures face LED play "Strobe"

| Master light | The first slave light | The N slave light |

DMX Operation

The unit have two DMX channel mode

1、9 Control channel mode

Channel	Value	Function
CH1	000~255	PAN
CH2	000~255	TILT
CH3	000~7	Closed the light
	008~134	Dimmer:0~100%
	135~239	Strobe from slow to fast
	240~255	Switch
CH4	000~255	Red Dimmer:0~100%
CH5	000~255	Green Dimmer:0~100%
CH6	000~255	Blue Dimmer:0~100%
CH7	224~235	White Dimmer:0~100%
CH8	000~255	PAN/TILT Speed
CH9	150~200	Reset

2、14 Control channel mode

Channel	Value	Function
CH1	0~255	PAN
CH2	0~255	PAN FINE
CH3	0~255	TILT
CH4	0~255	TILT FINE
CH5	0~255	PAN/TILT Speed
CH6	0~7	Closed the light
	8~134	Dimmer:0~100%
	135~239	Strobe
	240~255	Switch
CH7	0~255	RED LED Dimmer:0~100% brightness is from dark to bright
CH8	0~255	GREEN LED Dimmer:0~100% brightness is from dark to bright
CH9	0~255	BLUE LED Dimmer:0~100% brightness is from dark to bright
CH10	0~255	WHITE LED Dimmer:0~100% brightness is from dark to bright
CH11	0~231	0~7 Select color
		8~231 Built in color
	232~255	Seven colors Jumping
CH12	000~255	Seven colors jumping (speed from slow to fast)
CH13	0~7	Custom control
	8~63	Moving head light working in fast
	64~127	Moving head light working in slow
	128~191	Moving head light working in Sound1Active
	192~255	Moving head light working in Sound2Active
CH14	150~200	Reset

Troubleshooting

Following are few common problems that may occur during operation . Here are some suggestions for easy troubleshooting

1、If the power supply indicator does not light up and the fixture does not work, please check the power supply

And the input voltage.

2、In the Master-slave operation, slave unit don't function, please check as below:

A. Make sure to there is only one master in the chain and others are set in slave mode(All slaves must set in the   "A001" and

must in the same channel mode)

B. Make sure to control the unit without DMX console controlling.

C. Make sure to take a good quality power cable and connection.

3、In the DMX MODE operation the fixture is off and the DMX signal indicator is unlighted , please check as below:

A. Make sure to set up the DMX mode.

B. Make sure to have a good connection

4、In DMX operation, the unit con not be controlled by the DMX console, but the DMX signal indicator is flashing, please

make sure the DMX console and have the same channel.

5、If the unit is fail, please turn off the unit, then turn on again after 3 minutes.

6、No response to the sound, please check as below:

A. Make sure to the fixture does receives DMX signal.

B. Check microphone to see if it is good by tapping the microphone.

7、One of the channels is not working well, please check as below:

A. The stepper motor might be damaged or the cable connected to the PCB is broken.

B. The motor drive IC on the PCB might be out of condition.

After trying the above solution you still have a problem, please connect your dealer or our company for service.

Fixture cleaning

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

Caution

There are no user serviceable arts inside the fixture. Do not open the housing or attempt any repairs yourself. In the unlike situation, your unit may require service, please contact your nearest dealer.