USER MANUAL

LED Moving Head

Thank you for using the company's production of LED Light , users have to read and keep in accordance with the contents of the manual operation in order to ensure the right and safe installation, use and maintenance ; and the company assumes no responsibility when users are not in accordance with the requirements to install, use and maintain resulting in damaging to lighting, property or personal injury . Please take good care of this prospectus when necessary.

1 SECURITY TIPS

In order to ensure your safety and the correct use of lighting. Please carefully read the following safety tips to avoid injury and unnecessary failures before use .

1, non-professionals, not the to disassemble the light arbitrarily and lighting accessories inside.

2, rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).

3, not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.

4, lamps used in ambient temperature: -15 ℃ -40 ℃, the highest temperature of the surface of the lamp: 60 ℃.

5, before using the lights must ensure the good grounding , can not install charging and remove any parts.

6, the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.

7, lamps consecutive working hours is not recommended more than 10 hours.

8, should stop using the lights in time when happens unusual conditions during the process

9, lamp parts of the rotation , external accessories and paste parts should be regular inspected, such as the emergence of loose and rock , should be reinforced in a timely manner to prevent the accident.
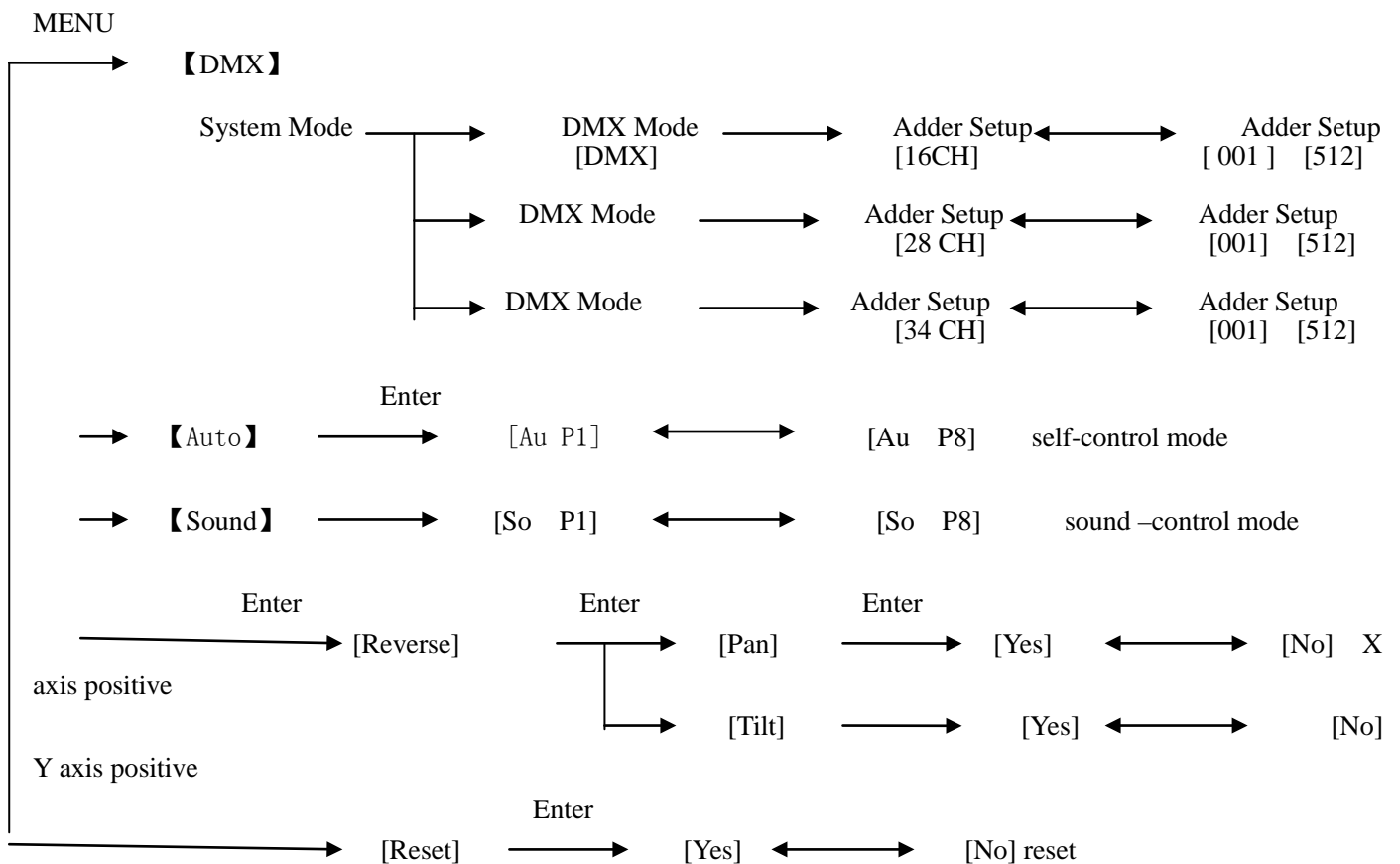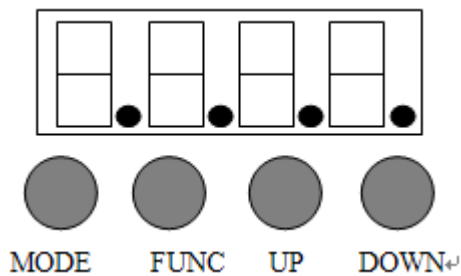
2 TECHNOLOGY REFERENCE

1. Power supply: AC220V/50~60HZ
2. Power consumptions: 200W
3. Transformer1: 150W 12V ,Transformer2:35W 24V
4. All color 3W*8 leds and 60WLuminus
5. Input: 220V/50HZ   Output: 24v\12v
6. Product size: 33×40×50cm
7. N.W.: 16 Kg
8. Grounding resistance: ≤0.5Ω

3 FUNCTIONS INTRODUCTION

1 International universal control signal: DMX512

2 34,28 16 DMX channels

3 Digital display

4 Master/Slave mode

5 RGB color mixing

6 Programmed inside ,Adjustable flash frequency

4 DISPLAY CODE SETTING METHOS

MODE   FUNC   UP   DOWN↵

MENU

【DMX】

System Mode ──→ DMX Mode [DMX] ──→ Adder Setup [16CH] ←──→ Adder Setup [001] [512]

──→ DMX Mode ──→ Adder Setup [28 CH] ←──→ Adder Setup [001] [512]

──→ DMX Mode ──→ Adder Setup [34 CH] ←──→ Adder Setup [001] [512]

Enter

──→ 【Auto】 ──→ [Au P1] ←──→ [Au P8]   self-control mode

──→ 【Sound】 ──→ [So P1] ←──→ [So P8]   sound –control mode

Enter   Enter   Enter

──→ [Reverse] ──→ [Pan] ──→ [Yes] ←──→ [No] X

axis positive

──→ [Tilt] ──→ [Yes] ←──→ [No]

Y axis positive

Enter

──→ [Reset] ──→ [Yes] ←──→ [No] reset

DMX Channel List

34 Channel Mode

DMX Quantity of Channel	DMX Channel Value	Function
CH1 、 self-setting program	0-15	No action
	16-45	Internal running 1
	46-75	Internal running 2
	76-105	Internal running 3
	106-135	Internal running 4
	136-165	Internal running 5
	166-195	Internal running 6
	196-225	Internal running 7
	226-255	Internal running 8
CH2、X axis rotation	0-255	0-540°
CH3、Y	0-255	0-270°
CH4、X axis turn	0-255	X axis turn
CH5、Y axis turn	0-255	Y axis turn
CH6、X Y speed	0-255	From fast to slow
CH7、lighting source 60W turn lighting	0-255	From dark to bright
CH8、lighting source 60W Strobe	0-7	Turn on
	8-250	Strobe from fast to slow
	251-255	Turn off
CH9、color 7several+ White Lighting	0-15	Color 1
	16-31	Color 2
	32-47	Color 3
	48-63	Color 4
	64-79	Color 5
	80-95	Color 6
	96-111	Color 7
	112-127	Color 8
	128-255	Color from fast to slow
CH10、7several pattern +White Lighting	0-7	White Lighting
	8-15	Pattern 1
	16-23	Pattern 2
	24-31	Pattern 3
	32-39	Pattern 4
	40-47	Pattern 5
	48-55	Pattern 6
	56-63	Pattern 7
	64-71	Pattern 7shake speed from slow to fast
	72-79	Pattern 6 shake speed from slow to fast
	80-87	Pattern 5 shake speed from slow to fast
	88-95	Pattern 4 shake speed from slow to fast
	96-103	Pattern 3 shake speed from slow to fast
	104-111	Pattern 2 shake speed from slow to fast
	112-119	Pattern 1 shake speed from slow to fast
	120-127	White Lighting
	192-255	Pattern positive and negative running from slow to fast
CH11、seven patterns white lighting	0-15	White Lighting
	16-31	Pattern 1
	32-47	Pattern 2
	48-63	Pattern 3
	64-79	Pattern 4
	80-95	Pattern 5

	96-111	Pattern 6
	112-127	Pattern 7
	128-191	The pattern positive running from slow to fast
	192-255	The pattern negative running from slow to fast
CH12 、 Pattern self-running	0-15	No running
	16-136	The pattern positive running from slow to fast
	137-255	The pattern negative running from slow to fast
CH13、focus	0-255	focus from near to far
CH14、prism	0-63	No Prism
	64-255	Have prism
CH15 、 prism self running	0-15	No running
	16-136	The prism positive running from slow to fast
	137-255	The prism negative running from slow to fast
CH16 、 LED turn lighting	0-255	From dark to bright
CH17、R	0-255	From dark to bright eight lightings
CH18、G	0-255	From dark to bright eight lightings
CH19、B	0-255	From dark to bright eight lightings
CH20、RGB color	0-7	No action
	8-15	Color 1
	16-23	Color 2
	24-31	Color 3
	32-39	Color 4
	40-47	Color 5
	48-55	Color 6
	56-63	Color 7
	64-71	Color 8
	72-79	Color 9
	80-87	Color 10
	88-95	Color 11
	96-103	Color 12
	104-111	Color 13
	112-119	Color 14
	120-127	Color 15
	128-135	Color 16
	136-195	Color gradually change from slowly to fast
	196-255	Color suddenly change from slowly to fast
CH21、LED strobe	0-255	From slow to fast
CH22、red 1	0-255	From dark to bright
CH23、green 1	0-255	From dark to bright
CH24、blue 1	0-255	From dark to bright
CH25、red 2	0-255	From dark to bright
CH26、green 2	0-255	From dark to bright
CH27、blue 2	0-255	From dark to bright
CH28、red 3	0-255	From dark to bright
CH29、green 3	0-255	From dark to bright
CH30、blue 3	0-255	From dark to bright
CH31、red 4	0-255	From dark to bright
CH32、green 4	0-255	From dark to bright
CH33、blue 4	0-255	From dark to bright
CH34、reset	250-253	Reset

28 Channel Mode

DMX Quantity of Channel	DMX value of channel	Function
CH1 、 self-control program	0-15 16-45 46-75 76-105 106-135 136-165 166-195 196-225 226-255	No action Internal running 1 Internal running 2 Internal running 3 Internal running 4 Internal running 5 Internal running 6 Internal running 7 Internal running 8
CH2、X axis rotation	0-255	0-540°
CH3、Y axis rotation	0-255	0-270°
CH4、X axis fine turn	0-255	X axis fine turn
CH5、Y-axis fine turn	0-255	Y-axis fine turn
CH6、X Y speed	0-255	From fast to slow
CH7、lighting source 60W turn lighting	0-255	From dark to bright
CH8、Lighting source 60W Strobe	0-7 8-250 251-255	Turn off lighting Strobe from slow to fast Turn on lighting
CH9、7 colors +white lighting	0-15 16-31 32-47 48-63 64-79 80-95 96-111 112-127 128-255	Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 8 Color fluent mode slow to fast
CH10、LED reconcile lighting	0-255	From dark to bright
CH11、R	0-255	From dark to bright 8 lamps
CH12、G	0-255	From dark to bright 8 lamps
CH13、B	0-255	From dark to bright 8 lamps
CH14、RGB color	0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71 72-79 80-87 88-95 96-103 104-111 112-119 120-127 128-135 136-195 196-255	No action Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 8 Color 9 Color 10 Color 11 Color 12 Color 13 Color 14 Color 15 Color 16 Color gradually change from slowly to fast Color suddenly change from slowly to fast
CH15、LED strobe	0-255	From fast to slow
CH16、red 1	0-255	From dark to bright
CH17、green 1	0-255	From dark to bright
CH18、blue 1	0-255	From dark to bright
CH19、red 2	0-255	From dark to bright
CH20、green 2	0-255	From dark to bright
CH21、blue 2	0-255	From dark to bright
CH22、red 3	0-255	From dark to bright
CH23、green 3	0-255	From dark to bright
CH24、blue 3	0-255	From dark to bright
CH25、red 4	0-255	From dark to bright
CH26、green 4	0-255	From dark to bright

CH27、blue 4	0-255	From dark to bright
CH28、reset	250-253	Reset

16 Channel mode

DMX Quantity of Channel	DMX value of channel	Function
CH1 、 self-control program	0-15 16-45 46-75 76-105 106-135 136-165 166-195 196-225 226-255	No action set 1 set 2 set 3 set 4 set 5 set 6 set 7 set 8
CH2、X axis rotation	0-255	0-540°
CH3、Y axis rotation	0-255	0-270°
CH4、X axis fine turn	0-255	X axis fine turn
CH5、Y axis fine turn	0-255	Y axis fine turn
CH6、X Y speed	0-255	From fast to slow
CH7 、 lighting source 60W reconcile lighting	0-255	from dark to bright
CH8 、 lighting source 60Wstrobe	0-7 8-250 251-255	Turn on Strobe from fast to slow Turn off
CH9、7 colors +white bright	0-15 16-31 32-47 48-63 64-79 80-95 96-111 112-127 128-255	Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 8 Color fluent from slow to fast
CH10、7several pattern +White Lighting	0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71 72-79 80-87 88-95 96-103 104-111 112-119 120-127 192-255	White Lighting Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 7shake speed from slow to fast Color 6 shake speed from slow to fast Color 5 shake speed from slow to fast Color 4 shake speed from slow to fast Color 3 shake speed from slow to fast Color 2 shake speed from slow to fast Color 1 shake speed from slow to fast White Lighting Pattern positive and negative running from slow to slow
CH11、color 7several+ White Lighting	0-15 16-31 32-47 48-63 64-79 80-95 96-111 112-127 128-191 192-255	White lighting Pattern 1 Pattern 2 Pattern 3 Pattern 4 Pattern 5 Pattern 6 Pattern 7 The pattern positive running from slow to fast The pattern negative running from slow to fast
CH12、Pattern self-turn	0-15 16-136 137-255	No runing The pattern positive running from slow to fast The pattern negative running from slow to fast
CH13、focus	0-255	focus from near to far
CH14、Prism	0-63 64-255	No Prism Have prism

CH15、prism rotation	0-15 16-136 137-255	No rotation The prism positive running from slow to fast The prism negative running from slow to fast
CH16、reset	250-253	Reset

5 DIFFICULTY RESOLUTION

The following is a list of problems and resolution , and other malfunction preparing work should be professionally qualified staff to deal with.

1, Bulb not working

    Check whether approaching the service life of light bulbs, then change it

    Check whether bulbs circuitry leak, loss or connect poorly

2. Beam appears bleak

    The bulbs maybe approach the service life, then change it, or the optical components unclean.

    Bulbs have accumulation of dust, so the bulbs and other parts inside the lamp should be cleaned and maintained in regular period.

3. Computer lamp work intermittently

    Check whether the fan process naturally and become dirty

    Check inner temperature-response control plug is off

    Check whether the circuitry is good

4. The computer lamp not controlled by controller during lighting

    Check numeral starting address and the connection of communication control circuit

    The corresponding channel button of controller is open or not

5. Computer lamp out start

    Check whether the fuse on power supply input jack is broken off

    Whether the connection is good caused by vibrating during transportation

    Check power supply and computer board

6. After checking, some function not working

    Check whether these function are in charge, or the chips are broken by high-pressure concussion

7. After checking, the programmer disorder and be out of control

    Whether the signal is DMX 512

    Whether the circuitry is short and open

6 CLRANING

To make sure the stable run of lamp, you should keep it clean. Command clean machine and fan. To accurate the best state and effect, you should clean lens and color filter timely, and do not use any soluble detergent when cleaning the color filter avoiding the damage to lamp.

7 AFTER SERVICE

◯,1 Our company offer technical consultation to customers for ever.

◯,2 If the machine is wrong and need repair, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.

◯,3 In addition to the lamp, also matching accessories are as follows：

accessories：Power line   1 piece   Optional parts：（customers）

Signal line   1 piece   Users manual   1 sheet

Light hook

Warranty card   1 card   Safety cable

Warranty Card

Name	Model		Production date	Purchase day

End-user

Company name：

Address：

Telephone：

Sales store

Linkman：

Telephone：

stamp

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period：one year since purchase

warranty terms：1、If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills (copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

 (1)Without the effective warranty card

(2)There's blank, alter and no point-of-sale name

(3)Fail caused by unresistance

(4)Fail caused by transportation or unloading

(5)Fail caused by not operate by manual

(6)Fail caused by disassemble without unauthorized

(7)Fail caused by using the unauthorized control system

(8)Consumables(bulb)

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding