USER MANUAL
BM-2009   108 * ████-5WRGBW
(108pcs LED Moving Head Wash)

This manual contains important information. Please read before operating fixture.	((

light
BIG
DESIGN BY GERMANY

Warranty Card

Name	Model		Production	Purchase

End User	Sale Store
Company Name:	Link man:
Add:	Tel: 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 something can not resistance
(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

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.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- Non-professionals are not to disassemble the moving head LED unit and lighting accessories inside.
- The unit should not be placed near flammable materials and should maintain at least 1M distances from its projection area.
- The moving head should only be used in ambient temperature: -15c > 40c, the highest temperature of the surface of the lamp: 60c.
- To keep away from the liquid substance and humid environment.
- Before using the moving head please ensure a good earth is fitted.
- The installation of the moving heads, you must check fixing screw fasteners with additional security cable and a regular inspection done.
- LED consecutive working hours is not recommended for more than 10 hours per time.
- Moving head should not be used in time when unusual conditions are in play.
- Moving head should be regular inspected of the rotation, external accessories and paste parts, in a timely manner to prevent accident or damage to the unit or persons.
- Moving head fans should be checked weekly as it is easy to accumulate the dust, so weekly cleaning of especially the cooling air opening and fans, otherwise unit my over heat and cause damage.

2 TECHNOLOGY REFERENCE

1. Power Supply：AC220V/50Hz,European Plug
2. Power consumptions：340w
3. LED Source: Ultra bright 108pcs 3W-5W LEDS(R24/G230/B30/W24)
4. Product size: 33×26×40cm；Package size: 39x30.5x44cm
5. N.W:9.5Kg; G.W: 11Kg

3 FUNCTIONS INTRODUCTION

1. International universal control signal: DMX512
2. 14 channels
3. LCD display
4. DMX, Sound, Auto, Slave/Master
5. LED rainbow effect
6. Program inside ,Adjustable flash frequency
7. Pan:540°/Title:270°

7 CLEANING

To make sure the stable run of the moving head, you should keep it clean.
All fans, lens and color filters, do not use any soluble detergent when
cleaning the color filter avoiding the damage to LED..

8 AFTER SERVICE

1. BIG company offer technical consultation to customers.
2. If the machine is wrong and need repairmen, 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 stage light, also matching accessories are as follows：
   accessories：1x Power cable
   1x Signal cable
   1x Users manual
   2x Hanging Bracket
   1x Safety cable

6 DIFFICULTY RESOLUTION

The following is a list of problems and resolutions, should only be preformed by professionally qualified staff.

1. Bulb not working
   a) Check whether approaching the service life of LED, then change it
   b) Check whether LED circuitry is not loss or connect poorly

2. Beam appears flash or is patchy
   a) The LED maybe approach the service life, then change it, or the optical components are unclean.
   b) LED has an accumulation of dust, so the LED and other parts inside the lamp should be cleaned and maintained in regular period.
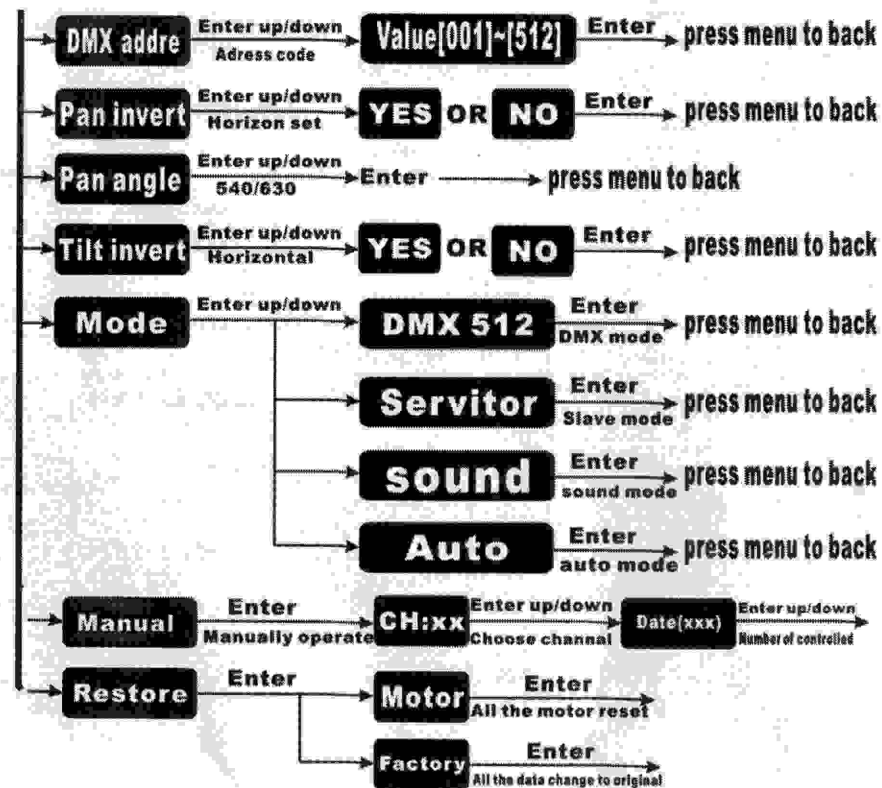
3. LCD Display works intermittently
   a) Check whether the fan running
   b) Check inner temperature-response control plug is off
   c) Check whether the circuitry is good and contacted properly

4. The computer lamp not controlled by controller during lighting
   a) Check numeral starting address and the connection of communication control circuit
   b) The corresponding channel button of controller is open or not
   c) Check whether the fuse on power supply input jack is broken off

4 DISPLAYCODE SETTING METHOS

108pcs LED Moving Head Wash

DMX addre — Enter up/down Adress code → Value[001]~[512] — Enter → press menu to back

Pan invert — Enter up/down Horizon set → YES OR NO — Enter → press menu to back

Pan angle — Enter up/down 540/630 → Enter → press menu to back

Tilt invert — Enter up/down Horizontal → YES OR NO — Enter → press menu to back

Mode — Enter up/down →
- DMX 512 — Enter DMX mode → press menu to back
- Servitor — Enter Slave mode → press menu to back
- sound — Enter sound mode → press menu to back
- Auto — Enter auto mode → press menu to back

Manual — Enter Manually operate → CH:xx — Enter up/down Choose channel → Date(xxx) — Enter up/down Number of controlled

Restore — Enter →
- Motor — Enter All the motor reset
- Factory — Enter All the data change to original

5 DMX CHANNEL SHEET

14   Channel   Mode

DMX Channel	DMX Value	Functions
CH1 Total Dimming	0-255	From dark to bright
CH2 Red	0-255	From dark to bright
CH3 Green	0-255	From dark to bright
CH4 Blue	0-255	From dark to bright
CH5 White	0-255	From dark to bright
CH6 Strobe	0-10	No Functions
	11-255	Stobe from slow to fast
CH7 Auto	0-20	No Functions
	21-30	Auto 1
	31-40	Auto 2
	41-50	Auto 3
	51-60	Auto 4
	61-70	Auto 5
	71-80	Auto 6
	81-90	Auto 7
	91-100	Auto 8
	101-110	Auto 9
	111-120	Auto 10
	121-130	Built-in Program 1
	131-140	Built-in Program 2
	141-150	Built-in Program 3
	151-160	Built-in Program 4
	161-170	Built-in Program 5
	171-180	Built-in Program 6
	181-190	Built-in Program 7
	191-200	Built-in Program 8
	201-210	Built-in Program 9
	211-220	Built-in Program 10
	221-255	Save
CH8 Speed Adjustment	0-255	From fast to slow
CH9 Pan	0-255	0°-450°
CH10 Tilt	0-255	0°-270°
CH11 Pan Fine	0-255	0°-2.1°
CH12 Tile pine	0-255	0°-1.0°
CH13 X Y Speed Adjustment	0-255	From fast to slow
CH14 Reposition	0-254	Without Reposition
	255-255	Prelong 5seconds to reset