

LED

72 40mm(掏空)  
4R-10



USER MANUAL





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## 1. Open the box and checking

Congratulations on choosing our products! Please carefully read this instruction manual in its entirety and keep it well for using reference. This manual contained about the installation and the relative using information of this products. Please according to this manual's relative speaking when using this equipment.

This equipment was made of new style, high intensity plastic . It fully shows the modern times light characteristic with beauty structure. And it was made according to CE standard .Fully up the international standard of DM X512 agreement. Master or slave in phase ntrol .Can be use in large entertainment theater,performing and palying hall etc.

## 2. Safety instructions

Every person involved with installation and maintenance of this device have to:

- be qualified
- follow the instructions of this manualentertainment theater,performing and palying hall etc.

**CAUTION!**  
***Be careful with your operations.  
With a high voltage you can suffer  
a dangerous electric shock when touching the wires!***

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

### **Important:**

- The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.
- Please consider that damages caused by manual modifications to the device are not subject to warranty.
- Never let the power-cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!
- Make sure that the available voltage is not higher than stated on the rear panel.
- Always plug in the power plug least. Make sure that the power-switch is set to off-position before you connect with the mains with particular caution!
- Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.
- Always disconnect from the mains, when the device is not in use or before cleaning it.
- Only handle the power-cord by the plug. Never pull out the plug by tugging the powercord.
- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- The electric connection, repairs and servicing must be carried out by a qualified employee.
- Do not connect this device to a dimmer pack.
- Do not switch the fixture on and off in short intervals as this would reduce the lamp's life. Only mean that the device is defective.
- Do not touch the device's housing bare hands during its operation (housing becomes hot)!
- For replacement use lamps and fuses of same type and rating only.

**CAUTION ! EYEDAMAGES !**  
Avoid looking directly into the light source  
(meant especially for epileptics) !

### **3. Operating determinations**

- This device is a moving-head for creating decorative effects and was designed for indoor use only.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- Never run the device without lamp!
- Do not shake the device. Avoid brute force when installing or operating the device.
- Never lift the fixture by holding it at the projector-head, as the mechanics may be damaged. Always hold the fixture at the transport handles.
- When choosing the installation-spot, please make sure that the device is not exposed to heat, moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others!
- The minimum distance between light output and the illuminated surface must be more than 1.5 meters.
- Make sure that the area below the installation place is blocked when rigging, derigging or servicing the fixture.
- Always fix the fixture with an appropriate safety rope. Fix the safety rope at the correct holes only.
- Operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.
- The lamp must never be ignited if the objective-lens or any housing-cover is open, as discharge lamps may explode and emit a high ultraviolet radiation, which may cause burns.
- The maximum ambient temperature 40°C must never be exceeded.
- Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation!
- Please use the original packaging if the device is to be transported.
- Please consider that unauthorized modifications on the device are forbidden due to safety reasons!
- If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, burns due to ultraviolet radiation, lamp explosion, crash etc.

## 4.DMX protocol

通道功能与数值 (模式1=8通道):			
模式1	通道名称	通道功能	通道数值
1	LED颜色效果	正常控制	0-15
		红色	16-31
		绿色	32-47
		蓝色	48-63
		红色+绿色	64-79
		红色+蓝色	80-95
		蓝色+绿色	96-111
		白光	112-127
		渐变效果1	128-143
		渐变效果2	144-159
		渐变效果3	160-175
		渐变效果4	176-191
		渐变效果5	192-207
		渐变效果6	208-223
		渐变效果7	224-239
		渐变效果8	240-255
2	LED调光速度	LED调光速度由快到慢	0-255
3	红色(R)	红色调光 0%-100%	0-255
4	绿色(G)	绿色调光 0%-100%	0-255
5	蓝色(B)	蓝色调光 0%-100%	0-255
6	白色(W)	白色调光 0%-100%	0-255
7	频闪	打开光	0
		同步频闪从慢到快 (1Hz-40Hz)	1-95
		打开光	96-127
		脉冲效果顺序从慢到快 (1Hz-3Hz)	128-159
		打开光	160-191
		异步频闪从慢到快 (1Hz-8Hz)	192-223
		打开光	224-255
8	总调光	调光从0到100%	0-255

## 5. Control menu map

0	ADDR	A001---Axxx		修改 DMX 地址
1	TEST	CH01~CHxx	U000-U255	手动控制
2	SET	RUN	MSTR/ALON	自动程序主机/单机运行选择
		AUDI	MSTR/ALON	声控程序主机/单机运行选择
		STAT	Clos/Hold//Auto/Audi	无 DMX 时的状态选择回到复位状态/保持无信号前的状态/运行自动程序/运行声控程序
3	TIME	FIXT	0000~9999	机器运行时间显示
		CLET	(密码 10.3.10)	清除机器当前运行时间, 如果把通道 1,2,3 的数值设为 10.3.10, 则确认的同时清除机器总的运行时间
4	MIC	M-XX		咪头灵敏度调节
5	DISP	VALU	D-XX D-00 (DXXX)	显示各个通道值
		D ON	ON/OFF	过两分钟关掉显示器
		REVE	ON/OFF	显示器反相 180 度显示
6	CONT	RDMX	ON/OFF(10.10/11.XXX)	控台修改地址开关。 当设为开时把通道 1 调到 10、通道 2 调到 10 (当所设地址大于 255 时, 则调到 11, 地址为通道 3 的值加 255)、通道 3 调到所要修改的地址值, 则 20 秒后灯具的地址被改为通道 3 设的数值。
		INIT	ON/OFF	重载出厂时所有参数
		VER	V1.0~V9.9	软件版本

## 6 .Performance trait

**54pcs 3W RGBW LED** 54 颗 3W 红绿蓝白 LED

### Menu function

菜单功能

1. LCD Displayed  
数码管显示
2. Displayable DMX values of each channel.  
可显示各通道 DMX 数值
3. Monitor can on and off automatic.  
显示器可自动关灭
4. No controller , each channel can be adjusted by hand.  
无控台时, 各通道可手动调节
5. Show the lamp use time.  
显示灯具使用时间
6. No signal, lamps and lanterns can keep reset status, maintain status, autoplay procedure music control at us.  
无信号时灯具的状态可设置为复位状态、保持状态、自动运行程序、声控状态

### Channel feature

通道特点

1. 8DMX Channels  
8 个标准 DMX 通道
2. ED Color effect: 7 Color, Top effect, Gradual change effect.  
LED 颜色效果: 7 个颜色, 跳变效果, 渐变效果
3. LED Dimmer speed can be adjusted. LED LED  
调光速度可调
4. RGBW Dimmer: Full range dimming.  
RGBW 调光: 线性调节
5. Synchronous (1Hz-30Hz), Nonsynchronous (0.8Hz-15Hz), Random strobe effect.  
具有同步 (1Hz-30Hz)、异步 (0.8Hz-15Hz)、随机频闪方式

## 7.Maintenance and cleaning

It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not buildup on or within the fixture. Otherwise, the fixtures light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably through out its life. A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!

**DANG ER** : Disconnect from the mains before starting any maintenance work

The front objective lens will require weekly cleaning as smoke-fluid tends to building up residues, reducing the light-output very quickly. The cooling-fans should be cleaned monthly

The gobos may be cleaned with a soft brush. The interior of the fixture should be cleaned at least annually using a vacuum -cleaner or an air-jet.

The dichroic colour-filters, the gobo-wheel and the internal lenses should be cleaned monthly.

To ensure a proper function of the gobo-wheel , we recommend lubrication in six month intervals. The quantity of oil must not be excessive in order to avoid that oil runs out when the gobo-wheel rotates.

There are no serviceable parts inside the device except for the lamp and the fuse. Please refer to the instructions under "Fitting/Exchanging the lamp ".Maintenance and service operations are only to be carried out by authorized dealers.

### Replacing the fuse

If the lamp burns out, the fine-wire fuse of the device might fuse, too. Only replace the fuse by a fuse of same type and rating. Before replacing the fuse, unplug mains lead.





