



PARLED 544



User Manual

KEEP THIS MANUAL FOR FUTURE NEEDS

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- This lighting fixture is for professional use only - it is not for household use.
此灯具仅供专业人士使用-不适合家居使用

Make sure all parts for fixing the projector are in a good state of repair.
Make sure the point of anchorage is stable before positioning the projector.
The safety chain must be properly hooked onto the fitting and secured to the framework.
When suspending the fixture, ensure that the supporting structure and all hardware used
can hold at least 10 times the weight of all the devices they support.
确保固定灯具的所有零部件都完好无损。
在固定灯具之前请确保固定物是牢固稳定的。
安全绳索一定要恰当的固定在安全的结构上。
在吊装灯具时，确保支撑结构和所使用的所有配件至少可以保持10倍于他们支持的所有设备的重量。

■ Installation/安装

■ Mounting surface and fire protection 安装面与防火

Please do not install the fixture onto combustible surface.
请不要将灯具直接安装在可燃物物质的表面上。
Keep all combustible materials at least 20 cm away from the fixture.
保持所有易燃材料远离灯具至少20厘米
Ensure a minimum clearance of 0.2m around the cooling fans and ventilation. 灯具
上的风扇或通风处至少在0.2m范围内不能有障碍物。



Protection against electrical shock 电击防护

Connection must be made to a power supply system fitted with efficient earthing (Class I appliance
according to standard EN 60598-1).
It is, moreover, recommended to protect the supply lines of the projectors from indirect contact and/or
shorting to earth by using appropriately sized residual current devices.
电源供应系统的地线必须有效接地（标准EN 60598-1）。
另外,建议您使用适当大小的漏电电路断路器,保护灯具电源线以免其间接接地或对地短路。



■ Connection to mains supply 电源供应



Connection to the electricity mains must be carried out by a qualified electrical installer.
Check that the mains frequency and voltage correspond to those for which the projector is designed
as given on the electrical data label.
This label also gives the input power to which you need to refer to evaluate the maximum number
of fittings to connect to the electricity line, in order to avoid overloading.
Don't use the power cable when the insulation is damaged.
It must be the manufacturer or distributor or the professional person to change the damaged power
cable in order to avoid any dangerous.

连接电源的总线必须由有资格的专业技术人员安装。
检测总线频率及电压是否与灯具上的标签上所标注的数值一致,即和灯具设计数值一致。
该标签还给出了输入功率,您需要参考计算电线所能够连接的最大灯具数量,以避免出现过载。
请勿使用绝缘层有损伤的电源线,发现灯具电源线有损伤时,必须由制造商或经销商或一个有
专业资格的人员更换,以免发生危险。



■ Maintenance 维护

Before starting any maintenance work or cleaning the projector, cut off power from the mains supply.
After switching off, do not remove any parts.

在开始任何维修工作或清洁灯具之前, 必须切断灯具供电电源。



不要用放大镜、望远镜、双筒望远镜或类似的光学仪器来观察LED光源, 这些仪器可以集中输出光。

Do not look at LEDs with magnifiers, telescopes, binoculars or similar optical instruments that may
concentrate the light out

TECHNICAL INFORMATION / 技术信息

Input Voltage: 90~240V,50/60Hz
LED source:54pcs5W(R12, G14, B14, W14) RGBW CREE LED
Lens angle:15° (LED link lens)
Lamp life: 5-10 Ten thousand hours
DMX Channels: 9CH
Operation mode: DMX512, master/slave, auto, sound active
LUX: 5000LUX@5m
N.W: 3.8KG
G.W:4.3KG
Lighting Size:31x22x27 cm
Package size:26x27x22.5 cm

输入电压: 90~240V, 50 / 60Hz
LED光源: 54pcs5W (R12, G14, B14, W14) RGBW科锐灯珠
透镜角度: 15° (雷迪克透镜)
灯泡寿命: 5-10万小时
DMX频道: 9CH
操作模式: DMX512, 主/从, 自动, 声控
照度: 5000LUX @ 5m
N.W: 3.8KG
毛重: 4.3KG
照明尺寸: 31x22x27cm
包装尺寸: 26x27x22.5cm



Menu function

Main function	Submenu 1	Submenu 2	description	description
DMX	A001-A512		Address code setting	DMX Mode
STAT	R(0-255)		Red	Static mode (Host mode)
	G(0-255)		Green	
	B(0-255)		Blue	
	W(0-255)		White	
RUN	SOUN	Speed(0-99)From slow to fast	Voice sensitivity and speed settings	Automatic mode (Host mode)
	PULS	Speed(0-99)From slow to fast	Pulse and speed settings	
	FADE	Speed(0-99)From slow to fast	Gradient and speed settings	
	CHAS	Speed(0-99)From slow to fast	Jump and speed settings	
LOCK	YES		Delayed 10S lock screen function is effective	Key lock setting
	NO		No lock screen	
SIGN	YES			Break signal off
	NO			Broken signal hold
MODE	SLAV		Receive host data or DMX data	Data line mode setting
	MAST		Send host data in host mode	
	ALON		Independent mode	
T 30			temperature display	

Note:

- When setting in static mode or self-propelled mode, only MAST can be selected as the host on the bus to send signals outside the MODE menu.
- In DMX mode, when there is no DMX signal, the light is turned off, and the recovery signal is controlled by the signal.
- When there is a signal, the decimal point flashes in the lower right corner. No flicker in the lower right corner when there is no DMX signal
- After locking the screen, you need to input (up and down) to unlock.
- When the temperature reaches 60°, the power will drop. When it reaches 68°, it will turn off the light protection.

主菜单

主菜单	子菜单 1	子菜单 2	描述	描述
DMX	A001-A512		地址码设置	DMX模式
STAT	R(0-255)		红	静态模式

	G(0-255)		绿	(主机模式)
	B(0-255)		蓝	
	W(0-255)		白	
RUN	SOUN	速度 (0-99) 慢—快	声控灵敏度与速度设置	自走模式 (主机模式)
	PULS	速度 (0-99) 慢—快	脉冲与速度设置	
	FADE	速度 (0-99) 慢—快	渐变与速度设置	
	CHAS	速度 (0-99) 慢—快	跳变与速度设置	
LOCK	YES		延迟10S锁屏功能有效	按键锁设置
	NO		不锁屏	
SIGN	YES		断掉信号灭灯	
	NO		断掉信号保持	
MODE	SLAV		接收主机数据或DMX数据	数据线模式设置
	MAST		主机模式时发送主机数据	
	ALON		独立模式	
T 30			温度显示	

注意：

1. 设置在静态模式或自走模式时只有MODE菜单下选择MAST才能当做总线上的主机往外发送信号
2. DMX模式下，当没有DMX信号时灭灯，恢复信号择由信号控制
3. 有信号时右下角小数点闪烁。没有DMX信号时右下角择无闪烁
4. 锁屏后需要输入（上下上下）进行解锁
5. 当温度达到60° 时功率会下降，达到68° 时就会灭灯保护

CHANNEL FUNCTION/通道功能

Channel (9)

Channel	Function	numerical value	Description
1	total dimmering	0-255	total dimmering from dark to light
2	Red	0-255	Red lineal dimmering from dark to light
3	Green	0-255	Green lineal dimmering from dark to light
4	Blue	0-255	Blue lineal dimmering from dark to light
5	White	0-255	White lineal dimmering from dark to light
6	Strobe	0-255	From slow to fast
7	Shut down	0--5	Linear dimming
		6--10	Logarithmic dimming
		11--15	Exponential dimming
		16--20	Curve dimming
		21--255	Fast shut down
8	function speed	0-255	function speed From slow to fast
9	function	0-50	NO function

selection	51-100	Jump
	101-150	Gradient
	151-200	pulse variable
	201-255	Voice control

通道 (9CH)

通道	功能	数值	描述
1	总亮度	0-255	总调光从暗到亮
2	红	0-255	红色从暗到亮
3	绿	0-255	绿色从暗到亮
4	蓝	0-255	蓝色从暗到亮
5	白	0-255	白色从暗到亮
6	频闪	0-255	从慢到快
7	关闭	0--5	线性调光
		6--10	对数调光
		11--15	指数调光
		16--20	曲线调光
		21-255	快速避光
8	宏功能速度	0-255	从慢到快
9	宏功能选择	0-50	无功能
		51-100	跳变
		101-150	渐变
		151-200	脉冲
		201-255	声控

CLEANING AND MAINTENANCES/清洁与保养

1. In order to ensure the projector could work normally. It should be kept clean always .

The lens should also be regularly cleaned to maintain an optimum light output.

Do not use any type of solvent on lens. It will damage the projector.

确保灯具能够正常稳定的运行，应该保持灯具的清洁，对于镜头也应定期清理，以保证最佳的光线效果。在清洁时注意不要使用任何溶解清洁剂，以免对灯具造成损害。

2. Suggestion: The continue usage of the light don't exceed 4 hours. Or it will shorter the usage of the lamp. Please use the alternative operation to solve this problem.

The fixture power ON time is best not over 48 hours, or it would generate lamp protection procedure.

建议：灯具持续使用时建议每次不要超过4小时，否则会大缩短灯具的使用寿命，可采用轮休法解决上述问题。建议灯具连续通电时间不要超过48小时。

3. Please disconnect the power supply when begin to maintenance take down the light.
Please let the parts cool down 10 minute at least then begin to install.
灯具在进行维护拆卸之前，一定要断开电源的连接，不能带电操作。
4. Please inspect the lens or other moving parts timing and keep them clear and static.
If find anything damaged or looseness must change a lamp or fix the lamp in order to avoid the accident.
灯具的调焦镜头或转动件必须定期检查，使其保持清洁和它的稳定性，如果出现明显的损坏或松动，必须及时对其进行更换或加固，以防发生竟然事故。
Please check the machanical parts is jamging. After cleaning, please add some temperature -durable juice.
检查调焦系统的机械部分是否卡住，去尘埃后添加防冻和耐温润滑油。
5. The light use the strong cool system. It is easy for the dirty to be collected. Please do clear the hot-sak one time two week at least.
灯具产品采用风机制冷，容易积尘，请每两周至少清洁一次，尤其是散热进出风口。
6. After you use the light, please check the intake place whether there are some wastepaper, please clean it up, or the windmill will break down and causing fire.
灯具在有彩纸表演后，要检查进出风口处是否卡有或吸入纸屑，并清除赶紧，否则易损坏风机或引发火灾隐患

TROUBLESHOOTING/疑难处理

It is recommended some solution for some normal trouble shooting. Any inextricability problems should always be handling by the professional person. Disconnect the power supply before maintenance the light.

LED off / LED不亮:

1. Please check if install the suitable voltage
检查是否安装了与灯具相匹配的电压；
2. Please check whether the led will reach the end of their life can explode; please replace a same description led.
检查灯具供电电源连接处或控制开关是否接触不良；
3. Please check if the power supply is enough.
检查电力供应是否不足；
4. Please check whether the DMX 512 controller pass the "turn on" order.
检查DMX512控制器是否发送了指令。

The light couldn't accept the control order:

灯具不接受控制器的指令：

1. Please check the start code address and the function option are correct.
检查灯具数字启动地址数值和功能选项是否正确；
2. Please check whether the communicate control cable is on good connection or the cable is too long or interrupt.
检查通讯控制线路的连接情况是否正确、通讯线路过长或已经中断；
3. Please check the control system is not valid, check the signal amplifier of chain connected is valid.
检查控制设备是否失效，检查串连接入的信号放大器是否失效；
4. Please check whether the communicate cable is too long or the other equipment is mutually conjugate.
检查通讯线路是否过长或有其它设备相互干扰；
5. Please arrange the wire well, shorter the signal cable, put the high voltage cable and low voltage cable separately.
优化布线，缩短控制信号线的长度，高压与低压线路分开布线；
6. Add the signal amplify isolator. 添加信号放大隔离器；
7. Signal cable is used the excellent screening doublet (Resistance 75 OHM)
信号线采用优质屏蔽双绞线(阻抗特性为75欧姆)；

8. The end of the light end and the end resistance.

在灯具末端连接信号终端电阻。

The light can't move/灯具不能启动:

1. Please check if the power supply is suitable for the light voltage data.

检查供电电源参数是否与灯具相符;

2. Please check the light if they are deformation, inside parts is broken, become wet etc will lead the loose contact.

检查灯具在长途运输过程中因挤压变形、内部零件震动、潮湿等原因，而导致接触不良或脱落。

3. Please check the if the inside lead wire and the connector is loose.

请检查灯具内部导线积接插件是否脱落、松动。

4. Please check the electric parts (such as the transformer, PCB board, controller) is short-circuit or burn down.

检查灯具电子元器件（如电子变压器、PCB板、电机控制板等）是否有松动、短路和烧坏现象。

Congratulations on choosing our company product! We thank you for your custom.

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◆Carefully read this user manual in its entirety and keep it safe for future reference. It is essential to know the information and comply with the instructions given in this manual to ensure the fitting is installed, used and serviced correctly and safely.

◆My company disclaims all liability for damage to the fitting or to other property or persons deriving from installation, use and maintenance that have not been carried out in conformity with this user manual, which must always accompany the fitting.

◆My company reserves the right to modify the characteristics stated in this user manual at any time and without prior notice.

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我们把客户的利益放在第一位, 尽最大的努力满足客户的要求。

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the lamp belongs to consumption products that is not guarantee to keep it in good repair

灯泡属于消耗产品,不在保修范围内

any products broken that didn't according to the instruction is not guarantee to keep it in good repair

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