

Beam Wash Zoom Moving Head 3715

37 颗 15W LED 调焦染色摇头



BWZ3715

User Manual

KEEP THIS MANUAL FOR FUTURE NEEDS

1. Unpacking

Thank you for choosing our lighting. For your own safety, please read this manual before installing the device. This manual covers the important information on installation and applications. Please install and operate the fixture with following instructions. Meanwhile, please keep this manual well for future needs

This fixture is made of a new type of high temperature strength of engineering plastics and cast aluminum casing with nice outlook. The fixture is designed and manufactured strictly following CE standards, complying with international standard DMX512 protocol. It's available independently controlled and linkable with each other for operation. And it is applicable for large-scale live performances, theater, studio, nightclubs and discos.

4-IN-1 LEDs(RGBW) which features high brightness and stability. Please carefully unpack it when you receive the fixture and check whether it is damaged during the transportation. And please check whether the following items are included inside the box:

Moving Head-----One

Signal Cable----One

Hanging Bracket-----Two

Power Cable----One

Safety Cable-----one

User Manual----One

1. 开箱

感谢您选择我们的照明设备。为了您自己的安全，请在安装设备之前阅读本手册。本手册涵盖了有关安装和应用程序的重要信息。请按照以下说明安装和操作灯具。同时，请妥善保管本手册，以备将来使用。该夹具由新型的耐高温工程塑料和铸铝外壳制成，外观美观。灯具的设计和制造严格遵循 CE 标准，符合国际标准 DMX512 协议。它具有独立控制的功能，并且可以相互链接以进行操作。它适用于大型现场表演，剧院，工作室，夜总会和迪斯科舞厅。具有高亮度和稳定性的 4-IN-1 LED (RGBW)。收到固定装置时，请仔细拆开包装，并在运输过程中检查其是否损坏。并且请检查包装盒内是否包含以下物品：

灯具-----1 台	信号线----1 根
吊架-----1 对	电源线----1 根
安全电缆---1 个	用户手册----1 本

2.Safety Instructions



CAUTION!

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

This device has left the factory in 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 user manual.



Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room

temperature.

This device falls under protection-class I. Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

The device shall only be used with rate voltage and frequency.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

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 power cord.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.

Please don't project the beam onto combustible substances.

Fixtures cannot be installed on combustible substances, keep more than 50cm distance with wall for smooth air flow, so there should be no shelter for fans and ventilation for heat radiation.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

2. 安全说明

该设备已经完好出厂。为了维持这种状态并确保安全操作，用户绝对有必要遵守本用户手册中编写的安全说明和警告说明。

如果设备因环境变化而遭受温度变化，请勿立即开启设备。产生的冷凝水可能会损坏设备。保持设备关闭，直到达到室温。该设备属于 I 级保护。因此，必须将设备接地。电气连接必须由合格人员进行。该设备只能在额定电压和频率下使用。确保可用电压不高于本手册末尾所述的电压。确保电源线不会被尖锐的边缘压接或损坏。在这种情况下，必须由授权经销商更换电缆。不使用设备时或清洁设备之前，请务必断开电源。只能通过拔插来处理电源线。切勿通过拉扯电源线来拔

出插头。在初次启动期间，可能会产生一些气味。这是正常过程，并不一定意味着该设备有缺陷，应逐渐减少。请不要将光束投射到可燃物质上。固定装置不能安装在可燃物质上，与墙壁的距离应保持 50cm 以上，以使空气流通顺畅，因此，应没有用于风扇和通风散热的遮盖物。如果此照明设备的外部柔性电缆或软线损坏，则应由制造商或其服务代理商或类似的合格人员独家更换，以免造成危险。

3. Operation Instructions

The moving head is for wash effect for on-site decoration purpose.

Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature. This light should be keep away from strong shaking during any transportation or movement.

Don't pull up the light by only the head, or it might cause damages to the mechanical parts.

Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And don't lay any power cables on the floor. Or it might cause electronic shock to the people.

Make sure the installation place is in good safety condition before installing the fixture.

Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.

Make sure the lens are in good condition. It's recommended to replace the units if there are any damages or severe scratch.

Make sure the fixture is operated by qualified personnel who knows the fixture before using.

Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.

It is not in warranty range if there are any malfunctions from not following the user manual to operate or any illegal operation, like shock short circuit, electronic shock, lamp broke, etc.

3. 操作说明

摇头具有染色效果，可用于现场装饰。

如果在运输后经历了严重的温差，请不要打开灯具，因为它可能会因环境变化而损坏光。因此，请确保在正常温度下操作灯具。在运输或移动过程中，应避免强光摇晃。请勿仅靠头部拉起灯光，否则可能会损坏机械零件。安装时，请勿将其暴露于过热，潮湿或灰尘过多的环境中。请勿在地板上铺设任何电源线。否则可能会引起人员电击。在安装夹具之前，请确保安装位置处于良好的安全状态。安装固定装置时，请确保放好安全链并检查螺钉是否拧紧。确保镜头状况良好。如果有任何损坏或严重刮伤，建议更换单元。使用前，请确保由熟悉灯具的合格人员操作灯具。未经制造商或指定的维修机构的任何指示，请勿尝试更换灯具。如果由于不遵循用户手册进行操作或任何非法操作而导致任何故障，例如电击短路，电击，灯泡损坏等，则不在保修范围内。

4. Mounting

Cautions: For added protection mount the fixtures in areas outside walking paths, seating areas, or in areas where the fixture might be reached by unauthorized personnel.

Before mounting the fixture to any surface, make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable.

never stand directly below the device when mounting, removing, or servicing the fixture from a

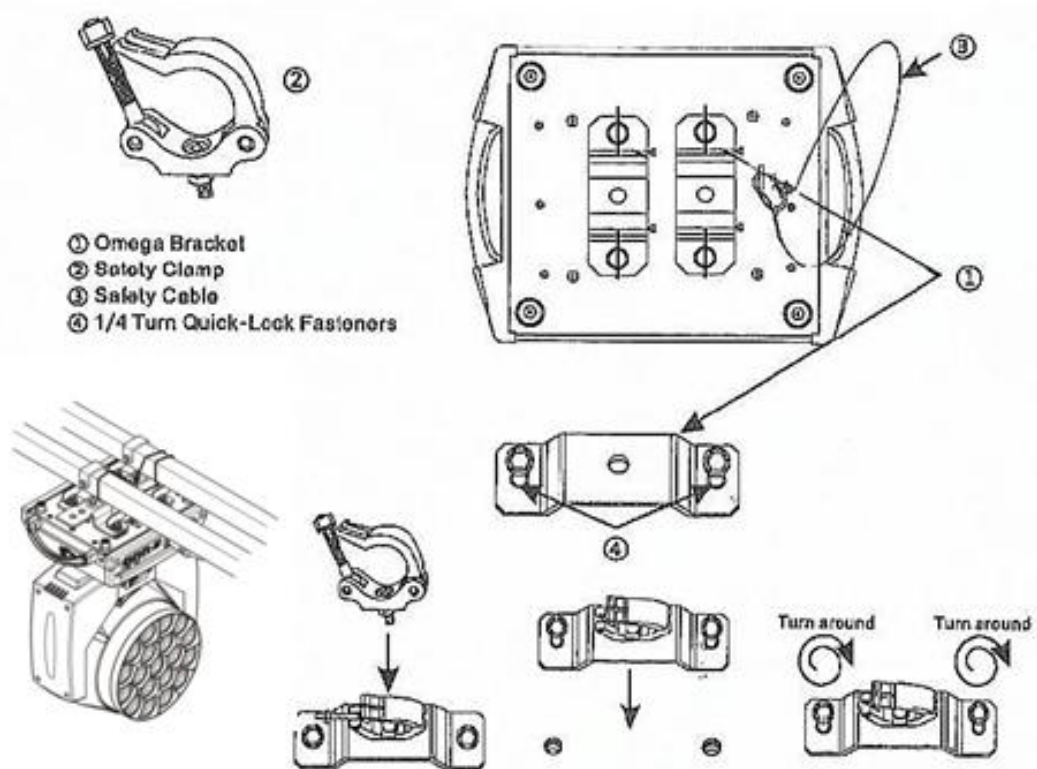
periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

Clamp Mounting: The lighting provides a unique mounting bracket assembly that integrates the bottom of the base, the included "Bracket," and the safety cable rigging point in one unit (see the illustration below). When mounting this fixture to truss be sure to secure an appropriately rated clamp to the included

bracket using a M10 screw fitted through the center hole of the “bracket”. As an added safety measure be sure to attached at least one properly rated safety cable to the fixture using on of the safety cable rigging point integrated in the base assembly

灯具安装： 该设备提供了一个独特的安装支架组件，该组件将底座的底部，随附的“支架”和安全缆索安装点集成在一个单元中（请参见下图）。当将此固定装置安装到桁架上时，请确保使用适当的额定夹钳，使用穿过“吊架”中心孔的 M10 螺丝将其固定在随附的托架上。 作为一项附加的安全措施，请确保使用集成在基础组件中的一个安全缆索固定点将至少一根适当额定的安全缆索连接到固定装置。



5. DMX-512 control connections

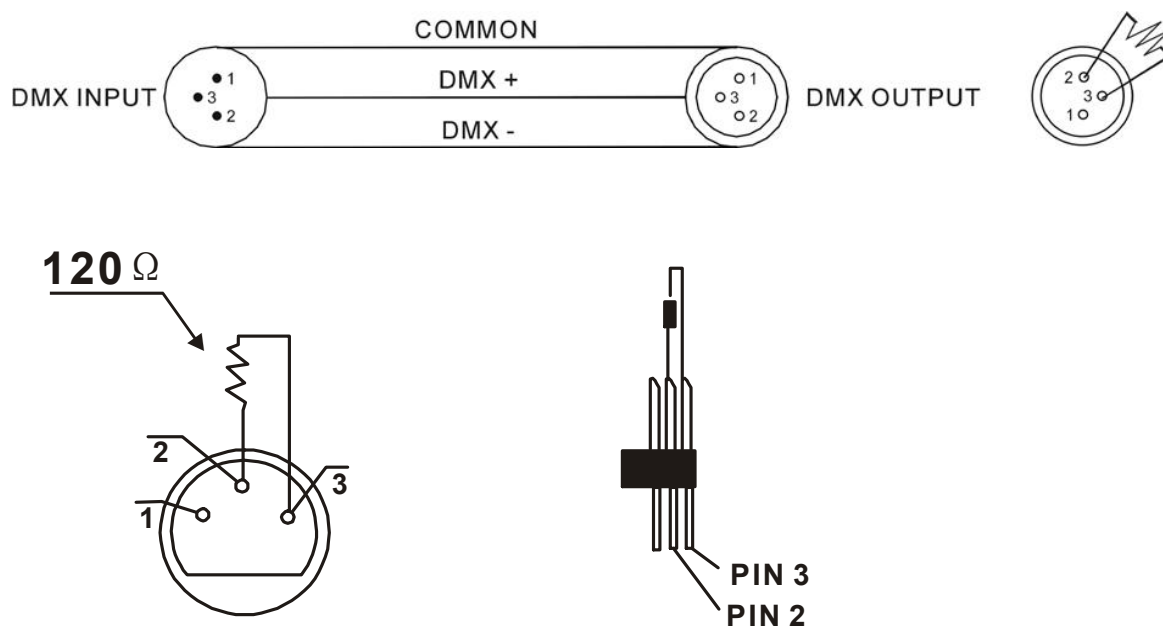
Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple

Moving heads be connected together through serial linking. The cable needed

should be two core, screened cable with XLR input and output connectors. For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 Ω resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below

5. DMX-512 控制连接

将提供的 XLR 电缆连接到控制器的 3 针 XLR 母头输出，另一端连接到摇头的 3 针 XLR 母头输入。您可以连锁多个摇头通过串行链接连接在一起。所需的电缆应该是带有 XLR 输入和输出连接器的两芯屏蔽电缆。对于 DMX 电缆必须长距离运行或在嘈杂的环境（例如迪斯科舞厅）中的安装，建议使用 DMX 终结器。这有助于防止电噪声损坏数字控制信号。DMX 终结器只是一个 XLR 插头，在引脚 2 和 3 之间连接了一个 120 Ω 电阻，然后将其插入链中最后一个灯具的输出 XLR 插座。请参见下面的插图。



6. Parameter characteristics/参数特点

Input voltage: AC90-260V 50-60HZ

LED Source: 37x15w high power RGBW 4 in 1 LED

Dimming: 0%-100% linear dimming

Control mode: DMX512, voice control, automatic, master/slave

DMX channel: 24/36/48CH

Color temperature: 10000-2500K

Strobe: 1-25 times/sec random strobe

Beam zoom: 5-60°

Display: LCD colorful display

N. W:13.5KG

Lighting Size:33x26x41cm

Features:

The chassis shell is made of ABS anti-flame retardant material, which is resistant to fall and oxidation, and is light and compact

Real-time view of the current lamp bead temperature

XY axis fine-tuning and lamp white balance parameters can be set

Adjustable color temperature 10000-2500K

This lamp has a circle control function. When in 36-channel mode, it can be divided into four circle layers from the inside to the outside to control separately

When in the 48-channel mode, there are seven groups of ring control effects.

The first group is 1 lamp bead as a group, and the other six groups are every 6 lamp beads as a group. Each group of ring control effects can independently control RGBW.

This light has a rich built-in running light effect, which can adjust the direction and speed of the running light

输入电压: AC90-240V 50-60HZ LED

光源: 37x15W 大功率 RGBW 4 合 1 LED 灯珠

调光: 0%-100%线性调光

控制模式: DMX512, 声制, 自走, 主/从

DMX 通道: 24/36 / 48CH

色温: 10000-2500K

频闪: 1-25 次/秒随机频闪

光束变焦: 5-60°

显示方式: 液晶彩色显示

净重: 13.5KG

灯具尺寸: 33x26x41cm

特点:

机箱外壳采用 **ABS** 抗阻燃材料, 耐摔抗氧化, 轻巧紧凑

可实时查看当前灯珠温度

可设置 **XY** 轴微调和灯珠白平衡参数

可调节色温 **10000-2500K**

此灯带有圈控功能当在 **36** 通道模式时, 可分为由里到外四个圈层单独控制

当在 **48** 通道模式时分七组圈控效果, 第一组为 **1** 个灯珠为一组, 其他六组为每

6 个灯珠为一组每组圈控效果都可以独立控制 **RGBW**

此灯有丰富的内置跑灯效果, 可调整跑灯方向, 速度

7. Dimensions/尺寸图



8. Menu description/菜单说明

1.DMX Settings (DMX 地址和通道设置)

This option is used to set the DMX communication address and channel mode. Press the "Enter" key to enter the setting, and press the "UP" key to increase the address number, otherwise the "DOWN" key can decrease the address number. After the address is selected Press "Enter" to save and exit. There are 24-channel, 36-channel and 48-channel mode options for channels.

此选项是用来设置 DMX 通信地址和通道模式，按“Enter”键可进入设置，地址按“UP”键可进行地址编号递增，反则“DOWN”键可进行地址编号递减，选好地址后按“Enter”保存退出，通道方面有 24 通道，36 通道和 48 通道模式选择。

2.Run Mode (灯具工作模式设置)

This option is used to set the working mode of the lamp body. Press the "Enter" key to enter the setting, press the "UP" key or the "DOWN" key to select the working mode. The working modes are "DMX512", "Slow", and "Fast" in turn. ", "Sound" and "manual", after selecting the working mode, press "Enter" to save and exit.

DMX512: Console operation mode.

Slow: Slow self-propelled mode

Fast: Fast self-propelled mode

Sound Auto-propelled mode

manual: manual mode, scene setting can be made, online

此选项是用来设置灯体工作模式，按“Enter”键可进入设置，按“UP”键或者“DOWN”键可进行工作模式选择，工作模式依次有“DMX512”、“Slow”、“Fast”、“Sound”和“manual”，选好工作模式后按“Enter”保存退出。

DMX512: 控制台操作模式。

Slow: 慢速自走模式

Fast: 快速自走模式

Sound 声控自走模式

manual: 手动模式，可进行场景设置，可联机

3.Invert PAN/TILT(XY 轴反向设置)

This option is to reverse the direction of the X/Y axis. Press the "Enter" key to enter the setting. Press the "UP" or "DOWN" key to select whether the X/Y axis is reversed or not. Select "Yes" for X /Y axis is reversed. Select "NO" to indicate that X/Y axis is not reversed. After selecting the direction, press "Enter" to save and exit.

此选项是对 X/Y 轴方向进行反向设置，按“Enter”键可进入设置，按“UP”键或者“DOWN”键可对 X/Y 轴是否反向选择，选择“Yes”表示 X/Y 轴反向,选择“NO”表示 X/Y 轴不反向,选好方向后按“Enter”保存退出。

4.Display Set (显示屏设置)

This option is to set the LCD font inversion, Chinese and English display and

backlight on the display panel. Press the "Enter" key to enter the setting. Press the "UP" or "DOWN" key to switch the LCD backlight, select "Yes" "Means that the LCD backlight is always on and will not be turned off. Selecting "NO" means it will be turned off after 20 seconds without any key operation until it is turned on again when there is a key operation. After selecting the settings, press "Enter" to save and exit.

Invert Word: Inverted font

English/Chinese: Chinese to English conversion

LCD Backlight: on LCD Backlight on setting

此选项是对显示板液晶字体倒向、中英文显示和背光灯进行设置，按“Enter”键可进入设置，液晶背光灯按“UP”键或者“DOWN”键可进行开关选择，选择“Yes”表示液晶背光灯一直长亮,不关断，选择“NO”表示没有按键操作连续 20 秒后关断，直到有按键操作时重新开启。选好设置后按“Enter”保存退出。

Invert Word: 字体倒向

English/Chinese: 中英文转换

LCD Backlight on: 液晶背光灯开启设置

5.Manual Set(手动模式设置)

This option is to set the scene parameters of the lamp body, press the "Enter" key to enter the save, and online operation can be carried out, provided that the lamp body's operating mode (Run Mode) is set to manul, that is, the manual mode is valid. , The next startup can restore the previous startup state.

PAN: X axis position

PANMICO: X-axis fine adjustment

TILT: Y axis position

TILTMICO: Y-axis fine adjustment

ZOOM: focus position

DIM: Total dimming

STROBE: Strobe

DIM_R: Red dimming

DIM_G: Green dimming

DIM_B: Blue dimming

DIM_W: White dimming

此选项是对灯体场景参数进行设置，按“Enter”键可进入保存，可进行联机运行，前提灯体的工作模式（Run Mode）要设置为 manul,也就是手动模式才有效，断电后，下一次开机可恢复前一次开机状态。

PAN X 轴位置

PANMICO X 轴微调

TILT Y 轴位置

TILTMICO Y 轴微调

ZOOM 调焦位置

DIM 总调光

STROBE 频闪

DIM_R 红色调光

DIM_G 绿色调光
DIM_B 蓝色调光
DIM_W 白色调光

6.Voice control sensitivity adjustment (声控灵敏度调节)

This option is to switch the sound control sensitivity of the lamp body. Press the "Enter" key to enter the setting, press the "UP" key or the "DOWN" key to select the sensitivity of 0-100 levels, after selecting the sensitivity, press "Enter" to save and exit.

此选项是对灯体声控灵敏度进行开关设置，按“Enter”键可进入设置，按“UP”键或者“DOWN”键可进行 0~100 级度灵敏度进行选择，选好灵敏度后，后按“Enter”保存退出。

7.System Set (系统参数设置)

System Information:

The version: V1 software version number

PAN Reset: X-axis reset status display Normal (normal) Wrong (error) TILT

Reset: Y-axis reset status display Normal (normal) Wrong (error) Default

Settings: restore factory settings

Code Settings: Password channel

In the password channel, the user needs to enter the password to view and set the XY fine-tuning and lamp white balance parameters The number of passwords is 4, press the "UP" key or "DOWN" key to input, the factory password is "DOWN DOWN UP UP"

PAN_INIT: X-axis fine adjustment

TILT_INIT: Y-axis fine adjustment

ZOOM_INIT: Focus fine adjustment

SET_R: Red current

SET_G: Green current

SET_B: blue current

SET_W: White current

System Set(系统参数设置)

System Information(系统信息):

The version:V1 软件版本号

PAN Reset: X 轴复位状态显示 Normal(正常) Wrong(错误)

TILT Reset: Y 轴复位状态显示 Normal(正常) Wrong(错误)

Default Settings: 恢复出厂设置

Code Settings: 密码通道

密码通道时，用户需要转入密码才能查看和设置 XY 微调 and 灯珠白平衡参数

密码个数为 4 个，按“UP”键或者“DOWN”键输入,出厂密码是 “DOWN DOWN UP UP ”

PAN_INIT: X 轴微调

TILT_INIT: Y 轴微调

ZOOM_INIT: 调焦微调

SET_R: 红色电流
 SET_G: 绿色电流
 SET_B: 蓝色电流
 SET_W: 白色电流

8.Reset (灯具复位)

After the user chooses to reset, wait 3 seconds, and the lamp body will reset.
 用户选择复位后，等待 3 秒，灯体将进行复位。

9. Channel/通道

24CH /通道

24CH	Function	DMX value	description
1	Pan	0-255	0-540°
2	Pan fine	0-255	16bit fine
3	Tilt	0-255	0-270°
4	Tilt Fine	0-255	16bit fine
5	X, Y speed	0-255	Speed from fast to slow
6	Focus	0-255	Focus from near to far
7	Dimmer	0-255	Linear dimming from dark to bright
8	Strobe	0-9	No function
		10-154	From slow to fast (1HZ~25HZ)
		155-204	Random strobe
		205-255	Lightning strobe
9	R	0-255	Red from dark to bright
10	G	0-255	Green from dark to light t
11	B	0-255	Blue from dark to light
12	W	0-255	White from dark to bright
13	Color temperature	0-9	No function
		10-255	10000K-2500K
14	Color effect	0-9	No function
		10-19	Built-in color effects1
		20-29	Built-in color effects2
		30-39	Built-in color effects3
		40-49	Built-in color effects4
		50-59	Built-in color effects5
		60-69	Built-in color effects6
		70-79	Built-in color effects7
		80-89	Built-in color effects8
		90-99	Built-in color effects9
		100-109	Built-in color effects10

		110-119	Built-in color effects11
		120-129	Built-in color effects12
		130-139	Built-in color effects13
		140-149	Built-in color effects14
		150-159	Built-in color effects15
		160-169	Built-in color effects16
		170-179	Built-in color effects17
		180-189	Built-in color effects18
		190-199	Built-in color effects19
		200-209	Built-in color effects20
		210-224	Color jump effect
		225-239	Color pulse effect
		240-255	Color gradient effect
15	Static pattern effect	0-9	No function
		10-19	Built-in static pattern effect1
		20-29	Built-in static pattern effect2
		30-39	Built-in static pattern effect3
		40-49	Built-in static pattern effect4
		50-59	Built-in static pattern effect5
		60-69	Built-in static pattern effect6
		70-79	Built-in static pattern effect7
		80-89	Built-in static pattern effect8
		90-99	Built-in static pattern effect9
		100-109	Built-in static pattern effect10
		110-119	Built-in static pattern effect11
		120-129	Built-in static pattern effect12
		130-139	Built-in static pattern effect13
		140-149	Built-in static pattern effect14
		150-159	Built-in static pattern effect15
		160-169	Built-in static pattern effect16
		170-179	Built-in static pattern effect17
		180-189	Built-in static pattern effect18
		190-199	Built-in static pattern effect19
200-209	Built-in static pattern effect20		
210-255	Static pattern effect		
16	dynamic effect	0-9	No function
		10-255	12 values for an effect, 20 effects
17	Backlight R	0-255	15, 16-channel backlight
18	Backlight G	0-255	15, 16-channel backlight
19	Backlight B	0-255	15, 16-channel backlight
20	Backlight W	0-255	15, 16-channel backlight
21	Effect direction	0-127	Positive direction of dynamic

	adjustment		pattern
		128-255	Dynamic pattern reverse direction
22	Effect speed	0-255	Speed from fast to slow
23	Macro function	0-9	No function
		10-99	Auto1
		100-199	Auto2
		200-255	Voice control
24	Reset	0-239	No function
		240-250	The lamp is reset, valid for 3s.
		251-255	No function

24 通道	功能	DMX 数值	描述
1	X 轴	0-255	0-540 度
2	X 轴微调	0-255	16bit 可调
3	Y 轴	0-255	0-270 度
4	Y 轴微调	0-255	16bit 可调
5	XY 速度	0-255	速度由快到慢
6	调焦	0-255	调焦出光由近到远
7	调光	0-255	从暗到亮进行线性调光
8	频闪	0-9	无功能
		10-154	同步频闪速度由慢到快 (1HZ~25HZ)
		155-204	随机频闪
		205-255	雷电频闪
9	红色	0-255	红色调光从暗到亮
10	绿色	0-255	绿色调光从暗到亮
11	蓝色	0-255	蓝色调光从暗到亮
12	白色	0-255	白色调光从暗到亮
13	COT 色温	0-9	无功能
		10-255	10000K-2500K
14	颜色效果	0-9	无功能
		10-19	内置颜色效果 1
		20-29	内置颜色效果 2
		30-39	内置颜色效果 3
		40-49	内置颜色效果 4
		50-59	内置颜色效果 5
		60-69	内置颜色效果 6
		70-79	内置颜色效果 7
		80-89	内置颜色效果 8
		90-99	内置颜色效果 9
		100-109	内置颜色效果 10

		110-119	内置颜色效果 11
		120-129	内置颜色效果 12
		130-139	内置颜色效果 13
		140-149	内置颜色效果 14
		150-159	内置颜色效果 15
		160-169	内置颜色效果 16
		170-179	内置颜色效果 17
		180-189	内置颜色效果 18
		190-199	内置颜色效果 19
		200-209	内置颜色效果 20
		210-224	颜色跳变效果
		225-239	颜色脉变效果
		240-255	颜色渐变效果
15	静态图案效果	0-9	无功能
		10-19	内置静态图案效果 1
		20-29	内置静态图案效果 2
		30-39	内置静态图案效果 3
		40-49	内置静态图案效果 4
		50-59	内置静态图案效果 5
		60-69	内置静态图案效果 6
		70-79	内置静态图案效果 7
		80-89	内置静态图案效果 8
		90-99	内置静态图案效果 9
		100-109	内置静态图案效果 10
		110-119	内置静态图案效果 11
		120-129	内置静态图案效果 12
		130-139	内置静态图案效果 13
		140-149	内置静态图案效果 14
		150-159	内置静态图案效果 15
		160-169	内置静态图案效果 16
		170-179	内置静态图案效果 17
		180-189	内置静态图案效果 18
		190-199	内置静态图案效果 19
200-209	内置静态图案效果 20		
210-255	静态图案效果展示		
16	动态效果	0-9	无功能
		10-255	12 个数值一个效果，20 个效果
17	背光红色	0-255	15, 16 通道背光
18	背光绿色	0-255	15, 16 通道背光
19	背光蓝色	0-255	15, 16 通道背光
20	背光白色	0-255	15, 16 通道背光
21	效果方向调整	0-127	动态图案正方向
		128-255	动态图案反方向

22	效果速度	0-255	速度由快到慢
23	宏功能	0-9	无功能
		10-99	自走效果 1
		100-199	自走效果 2
		200-255	声控效果
24	复位	0-239	无功能
		240-250	灯具复位, 3s 有效。
		251-255	无功能

36CH /通道

36CH	Function	DMX value	description
1	Pan	0-255	0-540°
2	Pan fine	0-255	16bit fine
3	Tilt	0-255	0-270°
4	Tilt Fine	0-255	16bit fine
5	X, Y speed	0-255	Speed from fast to slow
6	Focus	0-255	Focus from near to far
7	Dimmer	0-255	Linear dimming from dark to bright
8	Strobe	0-9	No function
		10-154	From slow to fast (1HZ~25HZ)
		155-204	Random strobe
		205-255	Lightning strobe
9	R 1	0-255	R from dark to bright
10	G 1	0-255	G from dark to bright
11	B 1	0-255	B from dark to bright
12	W 1	0-255	W from dark to bright
13	R 2	0-255	R from dark to bright
14	G 2	0-255	G from dark to bright
15	B 2	0-255	B from dark to bright
16	W 2	0-255	W from dark to bright
17	R 3	0-255	R from dark to bright
18	G 3	0-255	G from dark to bright
19	B 3	0-255	B from dark to bright
20	W 3	0-255	W from dark to bright
21	R 4	0-255	R from dark to bright
22	G 4	0-255	G from dark to bright
23	B 4	0-255	B from dark to bright
24	W 4	0-255	W from dark to bright
25	Color temperature	0-9	No function

		10-255	10000K-2500K
26	Color effect	0-9	No function
		10-19	Built-in color effects1
		20-29	Built-in color effects2
		30-39	Built-in color effects3
		40-49	Built-in color effects4
		50-59	Built-in color effects5
		60-69	Built-in color effects6
		70-79	Built-in color effects7
		80-89	Built-in color effects8
		90-99	Built-in color effects9
		100-109	Built-in color effects10
		110-119	Built-in color effects11
		120-129	Built-in color effects12
		130-139	Built-in color effects13
		140-149	Built-in color effects14
		150-159	Built-in color effects15
		160-169	Built-in color effects16
		170-179	Built-in color effects17
		180-189	Built-in color effects18
		190-199	Built-in color effects19
		200-209	Built-in color effects20
		210-224	Color jump effect
225-239	Color pulse effect		
240-255	Color gradient effect		
27	Static pattern effect	0-9	No function
		10-19	Static pattern effect1
		20-29	Static pattern effect2
		30-39	Static pattern effect3
		40-49	Static pattern effect4
		50-59	Static pattern effect5
		60-69	Static pattern effect6
		70-79	Static pattern effect7
		80-89	Static pattern effect8
		90-99	Static pattern effect9
		100-109	Static pattern effect10
		110-119	Static pattern effect11
		120-129	Static pattern effect12
		130-139	Static pattern effect13
		140-149	Static pattern effect14
		150-159	Static pattern effect15
		160-169	Static pattern effect16
		170-179	Static pattern effect17

		180-189	Static pattern effect18
		190-199	Static pattern effect19
		200-209	Static pattern effect20
		210-255	Static pattern effect
28	dynamic effect	0-9	No function
		10-255	12 values for an effect, 20 effects
29	Backlight R	0-255	27,28-channel backlight
30	Backlight G	0-255	27,28-channel backlight
31	Backlight B	0-255	27,28-channel backlight
32	Backlight W	0-255	27,28-channel backlight
33	Effect direction adjustment	0-127	Positive direction of dynamic pattern
		128-255	Dynamic pattern reverse direction
34	Effect speed	0-255	Speed from fast to slow
35	Macro function	0-9	No function
		10-99	Auto1
		100-199	Auto2
		200-255	Voice control
36	Reset	0-239	No function
		240-250	The lamp is reset, valid for 3s.
		251-255	No function

36 通道	功能	DMX 数值	描述
1	X 轴	0-255	0-540 度
2	X 轴微调	0-255	16bit 可调
3	Y 轴	0-255	0-270 度
4	Y 轴微调	0-255	16bit 可调
5	XY 速度	0-255	速度由快到慢
6	调焦	0-255	调焦出光由近到远
7	调光	0-255	从暗到亮进行线性调光
8	频闪	0-9	无功能
		10-154	同步频闪速度由慢到快 (1HZ~25HZ)
		155-204	随机频闪
		205-255	雷电频闪
9	红 1	0-255	区域 1 红色调光从暗到亮
10	绿 1	0-255	区域 1 绿色调光从暗到亮
11	蓝 1	0-255	区域 1 蓝色调光从暗到亮
12	白 1	0-255	区域 1 白色调光从暗到亮

13	红 2	0-255	区域 2 红色调光从暗到亮
14	绿 2	0-255	区域 2 绿色调光从暗到亮
15	蓝 2	0-255	区域 2 蓝色调光从暗到亮
16	白 2	0-255	区域 2 白色调光从暗到亮
17	红 3	0-255	区域 3 红色调光从暗到亮
18	绿 3	0-255	区域 3 绿色调光从暗到亮
19	蓝 3	0-255	区域 3 蓝色调光从暗到亮
20	白 3	0-255	区域 3 白色调光从暗到亮
21	红 4	0-255	区域 4 红色调光从暗到亮
22	绿 4	0-255	区域 4 绿色调光从暗到亮
23	蓝 4	0-255	区域 4 蓝色调光从暗到亮
24	白 4	0-255	区域 4 白色调光从暗到亮
25	COT 色温	0-9	无功能
		10-255	10000K-2500K
26	颜色效果	0-9	无功能
		10-19	内置颜色效果 1
		20-29	内置颜色效果 2
		30-39	内置颜色效果 3
		40-49	内置颜色效果 4
		50-59	内置颜色效果 5
		60-69	内置颜色效果 6
		70-79	内置颜色效果 7
		80-89	内置颜色效果 8
		90-99	内置颜色效果 9
		100-109	内置颜色效果 10
		110-119	内置颜色效果 11
		120-129	内置颜色效果 12
		130-139	内置颜色效果 13
		140-149	内置颜色效果 14
		150-159	内置颜色效果 15
		160-169	内置颜色效果 16
		170-179	内置颜色效果 17
		180-189	内置颜色效果 18
		190-199	内置颜色效果 19
200-209	内置颜色效果 20		
210-224	颜色跳变效果		
225-239	颜色脉变效果		
240-255	颜色渐变效果		
27	静态图案效果	0-9	无功能
		10-19	内置静态图案效果 1
		20-29	内置静态图案效果 2
		30-39	内置静态图案效果 3
		40-49	内置静态图案效果 4

		50-59	内置静态图案效果 5
		60-69	内置静态图案效果 6
		70-79	内置静态图案效果 7
		80-89	内置静态图案效果 8
		90-99	内置静态图案效果 9
		100-109	内置静态图案效果 10
		110-119	内置静态图案效果 11
		120-129	内置静态图案效果 12
		130-139	内置静态图案效果 13
		140-149	内置静态图案效果 14
		150-159	内置静态图案效果 15
		160-169	内置静态图案效果 16
		170-179	内置静态图案效果 17
		180-189	内置静态图案效果 18
		190-199	内置静态图案效果 19
		200-209	内置静态图案效果 20
		210-255	静态图案效果
28	动态效果	0-9	无功能
		10-255	12 个数值一个效果, 20 个效果
29	背光红色	0-255	27, 28 通道背光
30	背光绿色	0-255	27, 28 通道背光
31	背光蓝色	0-255	27, 28 通道背光
32	背光白色	0-255	27, 28 通道背光
33	效果方向调整	0-127	动态图案正方向
		128-255	动态图案反方向
34	效果速度	0-255	由快到慢
35	宏功能	0-9	无功能
		10-99	自走 1
		100-199	自走 2
		200-255	声控
36	复位	0-239	无功能
		240-250	灯具复位, 3s 有效。
		251-255	无功能

48CH/通道

48CH	Function	DMX value	description
1	Pan	0-255	0-540°
2	Pan fine	0-255	16bit fine
3	Tilt	0-255	0-270°
4	Tilt Fine	0-255	16bit fine
5	X, Y speed	0-255	Speed from fast to slow

6	Focus	0-255	Focus from near to far
7	Dimmer	0-255	Linear dimming from dark to bright
8	Strobe	0-9	No function
		10-154	From slow to fast (1HZ~25HZ)
		155-204	Random strobe
		205-255	Lightning strobe
9	R 1	0-255	R from dark to bright
10	G 1	0-255	G from dark to bright
11	B 1	0-255	B from dark to bright
12	W 1	0-255	W from dark to bright
•	•	•	•
•	•	•	•
•	•	•	•
33	R 7	0-255	R from dark to bright
34	G 7	0-255	G from dark to bright
35	B 7	0-255	B from dark to bright
36	W 7	0-255	W from dark to bright
37	Color temperature	0-9	No function
		10-255	10000K-2500K
38	Color effect	0-9	No function
		10-19	Built-in color effects1
		20-29	Built-in color effects2
		30-39	Built-in color effects3
		40-49	Built-in color effects4
		50-59	Built-in color effects5
		60-69	Built-in color effects6
		70-79	Built-in color effects7
		80-89	Built-in color effects8
		90-99	Built-in color effects9
		100-109	Built-in color effects10
		110-119	Built-in color effects11
		120-129	Built-in color effects12
		130-139	Built-in color effects13
		140-149	Built-in color effects14
		150-159	Built-in color effects15
		160-169	Built-in color effects16
		170-179	Built-in color effects17
		180-189	Built-in color effects18
		190-199	Built-in color effects19
200-209	Built-in color effects20		
210-224	Color jump effect		
225-239	Color pulse effect		

		240-255	Color gradient effect
39	Static pattern effect	0-9	No function
		10-19	Static pattern effect1
		20-29	Static pattern effect2
		30-39	Static pattern effect3
		40-49	Static pattern effect4
		50-59	Static pattern effect5
		60-69	Static pattern effect6
		70-79	Static pattern effect7
		80-89	Static pattern effect8
		90-99	Static pattern effect9
		100-109	Static pattern effect10
		110-119	Static pattern effect11
		120-129	Static pattern effect12
		130-139	Static pattern effect13
		140-149	Static pattern effect14
		150-159	Static pattern effect15
		160-169	Static pattern effect16
		170-179	Static pattern effect17
		180-189	Static pattern effect18
		190-199	Static pattern effect19
200-209	Static pattern effect20		
210-255	Static pattern effect		
40	dynamic effect	0-9	No function
		10-255	12 values for an effect, 20 effects
41	Backlight R	0-255	39, 40-channel backlight
42	Backlight G	0-255	39, 40-channel backlight
43	Backlight B	0-255	39, 40-channel backlight
44	Backlight W	0-255	39, 40-channel backlight
45	Effect direction adjustment	0-127	Positive direction of dynamic pattern
		128-255	Dynamic pattern reverse direction
46	Effect speed	0-255	Speed from fast to slow
47	Macro function	0-9	No function
		10-99	Auto1
		100-199	Auto2
		200-255	Voice control
48	Reset	0-239	No function
		240-250	The lamp is reset, valid for 3s.
		251-255	No function

48 通道	功能	DMX 数值	描述
1	X 轴	0-255	0-540 度
2	X 轴微调	0-255	16bit 可调
3	Y 轴	0-255	0-270 度
4	Y 轴微调	0-255	16bit 可调
5	XY 速度	0-255	速度由快到慢
6	调焦	0-255	调焦出光由近到远
7	调光	0-255	从暗到亮进行线性调光
8	频闪	0-9	无功能
		10-154	同步频闪速度由慢到快 (1HZ~25HZ)
		155-204	随机频闪
		205-255	雷电频闪
9	红 1	0-255	区域 1 红色调光从暗到亮
10	绿 1	0-255	区域 1 绿色调光从暗到亮
11	蓝 1	0-255	区域 1 蓝色调光从暗到亮
12	白 1	0-255	区域 1 白色调光从暗到亮
●	●	●	●
●	●	●	●
●	●	●	●
33	红 7	0-255	区域 7 红色调光从暗到亮
34	绿 7	0-255	区域 7 绿色调光从暗到亮
35	蓝 7	0-255	区域 7 蓝色调光从暗到亮
36	白 7	0-255	区域 7 白色调光从暗到亮
37	COT 色温	0-9	无功能
		10-255	10000K-2500K
38	颜色效果	0-9	无功能
		10-19	内置颜色效果 1
		20-29	内置颜色效果 2
		30-39	内置颜色效果 3
		40-49	内置颜色效果 4
		50-59	内置颜色效果 5
		60-69	内置颜色效果 6
		70-79	内置颜色效果 7
		80-89	内置颜色效果 8
		90-99	内置颜色效果 9
		100-109	内置颜色效果 10
		110-119	内置颜色效果 11
		120-129	内置颜色效果 12
		130-139	内置颜色效果 13

		140-149	内置颜色效果 14
		150-159	内置颜色效果 15
		160-169	内置颜色效果 16
		170-179	内置颜色效果 17
		180-189	内置颜色效果 18
		190-199	内置颜色效果 19
		200-209	内置颜色效果 20
		210-224	颜色跳变效果
		225-239	颜色脉变效果
		240-255	颜色渐变效果
39	静态图案效果	0-9	无功能
		10-19	内置静态图案效果 1
		20-29	内置静态图案效果 2
		30-39	内置静态图案效果 3
		40-49	内置静态图案效果 4
		50-59	内置静态图案效果 5
		60-69	内置静态图案效果 6
		70-79	内置静态图案效果 7
		80-89	内置静态图案效果 8
		90-99	内置静态图案效果 9
		100-109	内置静态图案效果 10
		110-119	内置静态图案效果 11
		120-129	内置静态图案效果 12
		130-139	内置静态图案效果 13
		140-149	内置静态图案效果 14
		150-159	内置静态图案效果 15
		160-169	内置静态图案效果 16
		170-179	内置静态图案效果 17
		180-189	内置静态图案效果 18
		190-199	内置静态图案效果 19
200-209	内置静态图案效果 20		
210-255	静态图案效果展示		
40	动态效果	0-9	无功能
		10-255	12 个数值一个效果，20 个效果
41	背光红色	0-255	39, 40 通道背光
42	背光绿色	0-255	39, 40 通道背光
43	背光蓝色	0-255	39, 40 通道背光
44	背光白色	0-255	39, 40 通道背光
45	效果方向调整	0-127	动态图案正方向
		128-255	动态图案反方向
46	效果速度	0-255	由快到慢
47	宏功能	0-9	无功能
		10-99	自走 1

		100-199	自走 2
		200-255	声控
48	复位	0-239	无功能
		240-250	灯具复位, 3s 有效。
		251-255	无功能

10.Maintenance and Cleaning / 保养与清洁

The following points must be considered during the inspection:

- 1.All screws used to install equipment or equipment parts must be tightened and must not be corroded.
2. The housing, lens, fixing device and installation position (ceiling, suspension, truss) must not have any deformation.
3. The mechanically moving parts must not have any signs of wear and must be rotated in a balanced manner.
4. The power cable must not have any damage, material fatigue or precipitation.

Further instructions according to the installation location and use must be followed by skilled installers, and any safety issues must be eliminated.

In order to keep the lamp in good condition and prolong its service life, we recommend cleaning the lamp regularly.

- 1) Clean the inner and outer lenses once a week to prevent the light from weakening due to dust accumulation.
- 2) Clean the fan once a week.
- 3) Every three months, an approved electrical engineer shall conduct a detailed electrical inspection to ensure that the circuit contacts are in good condition to prevent overheating of the bad contacts. We recommend that you clean the equipment frequently. Please use a damp, lint-free cloth. Never use alcohol or solvents. There are no serviceable parts inside the device. See the instructions under "Installation Instructions". If you need any spare parts, please order original parts from your local dealer.

检查期间必须考虑以下几点:

1. 必须拧紧所有用于安装设备或设备零件的螺钉, 并且不得将其腐蚀。
2. 外壳, 镜头, 固定装置和安装位置 (天花板, 悬架, 桁架) 不得变形。
3. 机械运动的部件不得有任何磨损迹象, 并且必须以平衡的方式旋转。
4. 电源线不得有任何损坏, 材料疲劳或沉淀。 熟练的安装人员必须遵循根据安装位置和使用方式进行的进一步说明, 并且必须消除任何安全问题。

为了使灯泡保持良好状态并延长其使用寿命, 我们建议您定期清洁灯泡。

- 1) 每周清洁一次内部和外部镜片, 以防止光线因灰尘堆积而减弱。
- 2) 每周清洁风扇一次。
- 3) 每三个月, 一名合格的电气工程师应进行详细的电气检查, 以确保电路触头处于良好状态, 以防止不良触头过热。我们建议您经常清洁设备。请使用无绒的湿布。切勿使用酒精或溶剂。设备内部没有可维修的部件。请参阅“安装说明”下的说明。如果您需要任何备件, 请从当地经销商订购原件。

