

Beam Wash Zoom 3715

User Manual



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

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.

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.

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.

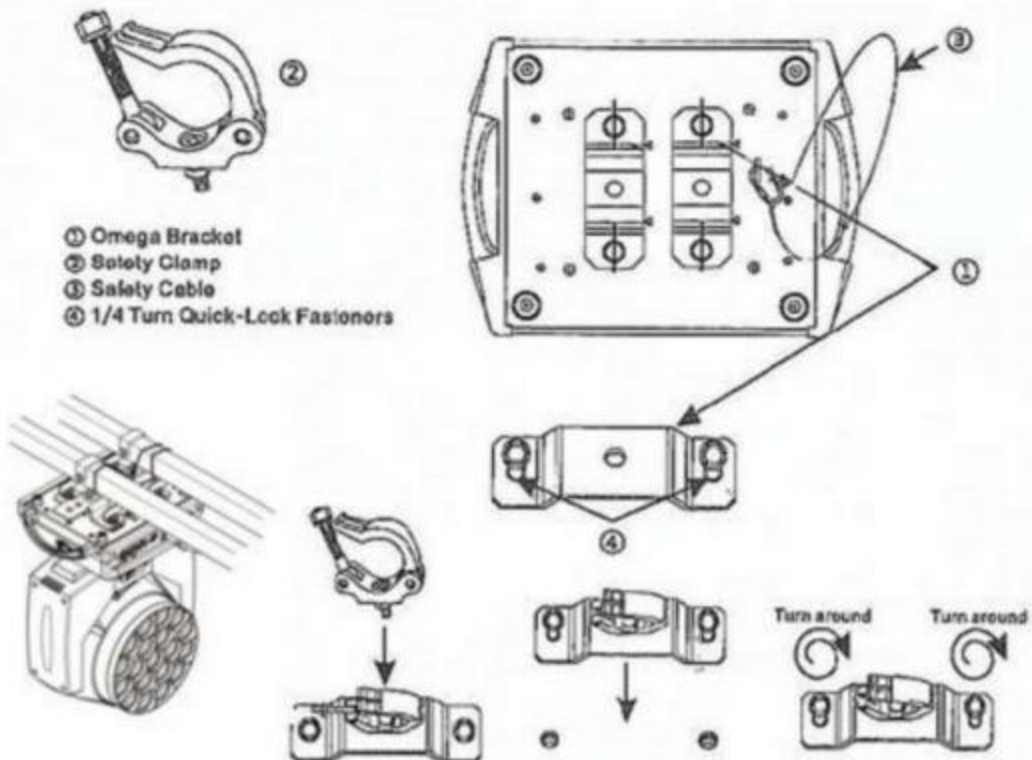
never stand directly below the device when mounting, removing, or servicing the fixture from a

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 one of the safety cable rigging points integrated in the base assembly



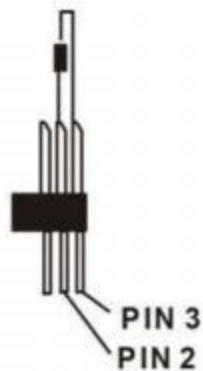
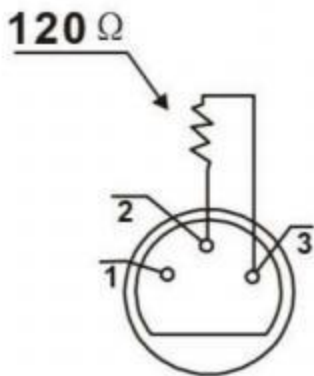
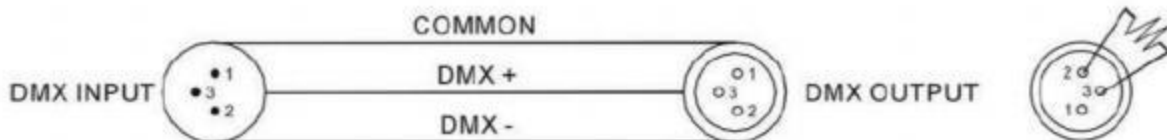
5. DMX-512 control connections

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



6. Parameter characteristics

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

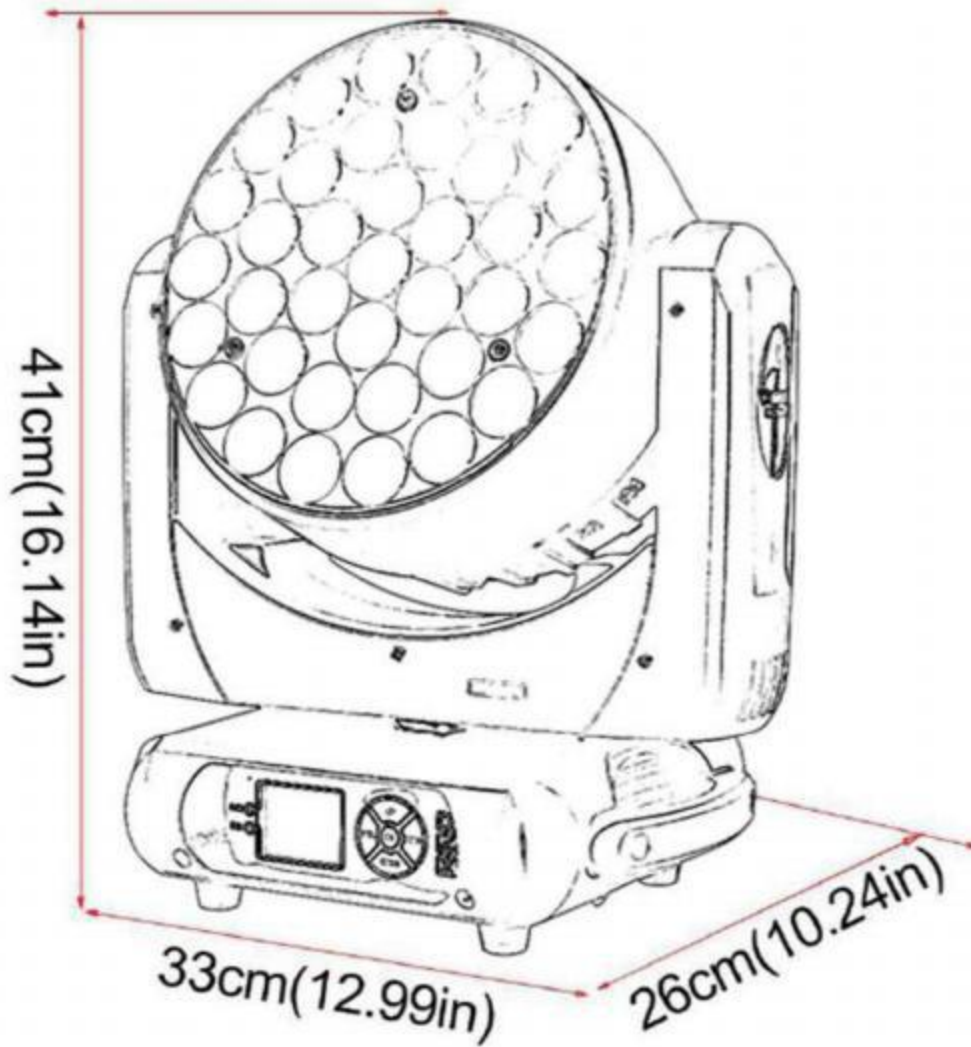
Adjustable color temperature 10000-2500K

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

7. Dimensions



8. Menu description

1.DMX Settings

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.

2.Run Mode

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

3.Invert PAN/TILT

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.

4.Display Set

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

5. Manual Set

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 manual, 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

6. Voice control sensitivity adjustment

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.

7. System Set

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

8.Reset

After the user chooses to reset, wait 3 seconds, and the lamp body will reset.

9. Channel

24CH

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 effects 11
		120-129	Built-in color effects 12
		130-139	Built-in color effects 13
		140-149	Built-in color effects 14
		150-159	Built-in color effects 15
		160-169	Built-in color effects 16
		170-179	Built-in color effects 17
		180-189	Built-in color effects 18
		190-199	Built-in color effects 19
		200-209	Built-in color effects 20
		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 effect 1
		20-29	Built-in static pattern effect 2
		30-39	Built-in static pattern effect 3
		40-49	Built-in static pattern effect 4
		50-59	Built-in static pattern effect 5
		60-69	Built-in static pattern effect 6
		70-79	Built-in static pattern effect 7
		80-89	Built-in static pattern effect 8
		90-99	Built-in static pattern effect 9
		100-109	Built-in static pattern effect 10
		110-119	Built-in static pattern effect 11
		120-129	Built-in static pattern effect 12
		130-139	Built-in static pattern effect 13
		140-149	Built-in static pattern effect 14
		150-159	Built-in static pattern effect 15
		160-169	Built-in static pattern effect 16
		170-179	Built-in static pattern effect 17
		180-189	Built-in static pattern effect 18
		190-199	Built-in static pattern effect 19
200-209	Built-in static pattern effect 20		
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

36CH

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

48CH

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

10.Maintenance and Cleaning

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.