

Maintenance and Cleaning

To prolong the life of the light fixture, it is very important to do the maintenance work.

The environment is harsh outdoors, or if the light fixture is idle for a long time, damp, smoke or particularly dirty surroundings can cause greater accumulation of dirt on its cover and housing. So it should be cleaned to maintain an optimum light output and at the same time to prevent it from being corrupted by acid gas.

Cleaning frequency depends on the environment in which the fixture operates. Soft cloth and typical glass cleaning products should be used for cleaning. It is recommended to clean projector at least once every 20 days.

Do not use any organic solvent, e.g. alcohol, to clean housing of the apparatus.

10W LED SPOT MOVING HEAD LIGHT

USER MANUAL



Unpacking

Thank you for choosing our 10w LED Spot moving head light. 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.

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.

This adopts powerful LED lamps 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:

Power Line (1PCS)

User Manual (1PCS)

Product Specification

Input Power: AC100-240V, 50/60HZ

Rated Power: 24W

Light Source: 1PCS 10W high power white LED

Long Life: 5000Hrs

DMX channel: 7/12 channels

Strobe: 1~25 flashes per second and pulse effect

Pan: 630 degree, Tilt: 182 degree

Control Mode: DMX512/Master-Slave/Stand-alone/Sound Activated

Preset Program: 12 built-in programs can be called up via DMX controller

Gross Weight: 3.4kg

Packing size: 29.5*21.5*21.5cm

DMX Channel Control

DMX 7 Channel:

channels		function
1	0-255	PAN
2	0-255	TILT
3	0-255	DIMMER
4	0-255	STROBE
5	0-255	COLOR
6	0-255	GOBO
7	0-255	MACRO

DMX 12 Channel:

channels		function
1	0-255	PAN
2	0-255	PAN FINE
3	0-255	TILT
4	0-255	TILT FINE
5	0-255	PAN/TILT SPEED
6	0-255	PAN/TILT EFFECT
7	0-255	EFFECT SPEED
8	0-255	COLOR
9	0-255	GOBO
10	0-255	MACRO
11	0-255	DIMMER
12	0-255	STROBE

LED Display operation

Addr	A001-A512	DMX512 Address Setting
ChNd	7CH/12CH	Channel Chose
SLNd	MASt/SL1/SL2	Maste or Slave Mode
ShNd	Soud/Auto	Sound/Auto option
SoUn	-on/-oFF	Sound on/off
SEnS	0-100	Sound Sensitivity
bLnd	no/yES	Blackout Mode
LEd	-on/-oFF	LED Display on/off
dISP	dSIP	Display Normal/Inversion
PAn	no/yES	PAN Inversion
tILt	no/yES	TILT Inversion
NAnu	Pan,tILt,CoLo,Gobo, dINN,Stro	0-255 Manual Control
tESt		Self-test
hoUr	0-9999	Fixture Hours
uEr	u101	Software version
rSEt	no/yES	Reset

Safety Instructions



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 been 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 start 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.

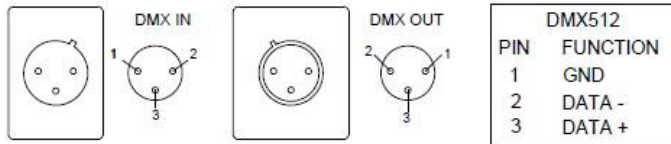
Please don't project the beam onto combustibile substances.

Fixtures cannot be installed on combustibile 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.

Control System and Power Connection



Connection between the controller and a light and between one light and another must be made with a 3 core-screened cable, with each core having at least a 0.5mm diameter. Please use the light's cannon 3- pin signal input and output cables as connection. The 3-pin signal connections are connected as shown in the figure above.

Note: Care should be taken to ensure that none of the pins touch the metalli body of the plug or each other. The body of the plug is not connected in any way.

This model accepts digital control signals in protocol DMX512 (1990).

The amount of light connected in parallel is not more than 32. Connect the controller's output to the first fixture's input cable with a 3-pin signal cable, connect the first fixture's output cable to the second fixture's input cable and connect the rest fixtures in the same way. Eventually, connect the last fixture's output cable to a DMX terminator. Note: Only when all the start addresses of fixtures are set the same, synchronous control could be achieved.

When the first fixture is not connected to the controller, and all the other connections are the same as above, it is master / slave mode connection. To achieve master / slave mode, set the first fixture master, the others salve(slave is default).

As for power connections, each light has to be supplied separately by external power. Use the power cord of each par can to connect the mains power directly, paying attention to the voltage and frequency marked on the panel of the light fixture.

Use the power cord of the first light's power in cable connect to the mains power directly,

then connect the first fixture's power out cable to the second fixture's power in cable and connect the rest fixtures in the same way. Eventually, all fixture connect finished. When using voltage is 200V, 220V, 230V, 240V, the amount of lights connected is not more than 16.

DMX Terminator

In the Controller mode, at the last fixture in the chain, the DMX output has to be connected with a DMX terminator. This prevents electrical noise from disturbing and corrupting the DMX control signals.

The DMX terminator is simply an XLR connector with a 120Ω (ohm) resistor connected across pins 2 and 3, which is then plugged into the output socket on the last projector in the chain.

The connections are illustrated below.

