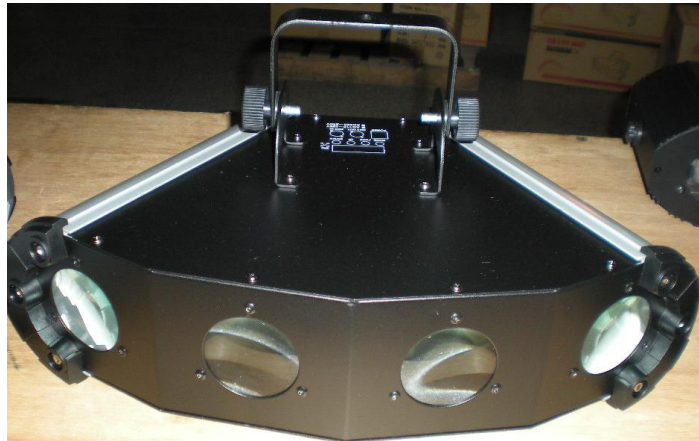


# SCANDLIGHT DJ LED LEOPARD

Item no: 935789



scandLIGHT

## I、Preface

Thank you for using our 4eye LED light. For your safety,

please read the User' s Manual carefully before your operation.

Note: This Manual includes the important information of installation、operation、safety instruction. Please install and operate as requested in the Manual, meanwhile, please keep the manual for any unexpected requirement.

This Manual includes the important information of installation and operation. Please install and operate the light according to the instructions strictly. And it must be power off when open the light or before repair.

A: Please read the complete contents of this manual (please keep this manual attach with the light for any preview)

B: In order to make sure the correct and safety installation、operation and maintenance, well know and follow to the instructions of Manual is necessary.

C: We will not take any responsibility to the light damage、property loss or body injure which caused by the incorrect installation、operation and maintenance.

NOTICE: the data which inside the Manual maybe changed due to the continuous improvement, and we' ll not make another notice. We will keep the right to any specification update during improvement

**Warning: if the protection screen、lens or UV screen got a visible damage, e.g. : scratch or chasm.**

## 1. Packing Content

(accessories)

(Selectable)

1: Power Cable (1PCS)

a: Bracket

2: Signal Cable (1PCS)

b: Clamp

3: User' s Manual (1PCS)

d: Safety Cable

4: Maintenance Card (1PCS)

## 2. Unpacking Instruction:

Please check if all the contents are completed after unpacking? then, check if the light is undamaged? Please you can keep the original package and return to the factory if it' s damaged

**3. AC Power: Check if the voltage is accordance with the rated power.**

**4. Safety Specifications: All the safety items of operation (includes installation) and before operating.**

- (1) Unpacking the light case and take out all the accessories, and open the poly package, take out the light from the flight case, and put it in a certain platform for operation.
- (2) This device for indoor use only, the protection grade is: IP20. the light must keep dry and avoid to use under the Moist、Overheat or Dusty surroundings. And keep the light far away from the water or other liquid.
- (3) Installing of the light must keep a distance with any flammable objects by 1M at least.
- (4) Please never install the light on the surface of the flammable objects.
- (5) The installation、operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the Manual.
- (6) Make sure the work environment temperature of the light maximum 40°C, and minimum 20°C
- (7) The temperature of the light surface will up to 85°C even under the normal cooling, so never touch it by hand.
- (8) The light was designed by electric shock protection type, and must connect to the power supply system which well earthed. Furthermore, the ground wire of the light must connect to the ground wire of the power supply system, ground wire interface of the light must well connect with the light body(or light must well earthed)
- (9) Please check if the voltage is accordance with the rated power before installing.
- (10) Please never use the power cable which was damaged the insulation cover, meanwhile, never put the power cable on any other wire. Please pull out the power cable by handle the plug when light is stop working or cleaning, never pull out it roughly or handle the wire directly.
- (11) The light with safety cable hole, please take the attached safety cable go through the hole as a supporting hanging basic on safety consideration.
- (12) The light doesn' t include any spare parts for repair, please check if all the parts are well installed and screws are drove tightly before operating. It' s prohibited to use the light when the cover is opened.

Notice: Please make sure it' s power off before any installation, repair and clean!

## II、 Introduction

### 1. Features:

(1) auto-move mode、 (2) sound controller mode、 (3) master slave mode

### 2. Technical Features

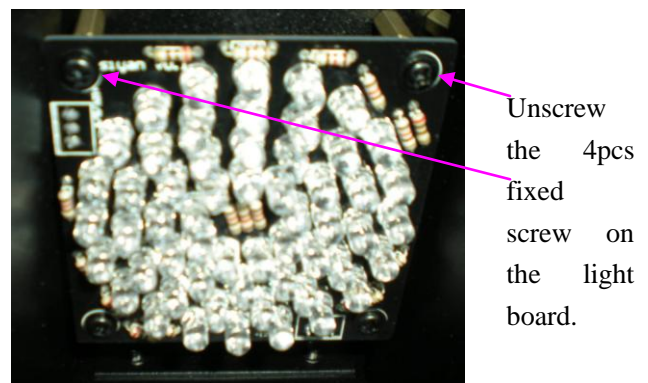
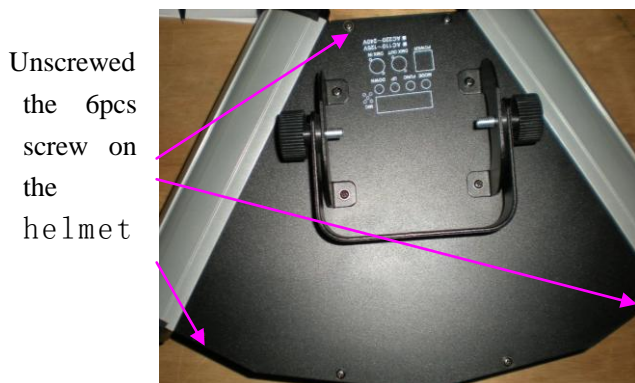
- (1) Control channel: 6 DMX channels
- (2) Operating modes: standard DMX512 controller control mode
- (3) Appearance: metal shell, streamlined designs.
- (4) Working environment: indoor, 20 °C ~ 40 °C
- (5) IP degree: IP20

## III、 Technology Parameter

- 1. Voltage: AC100V-240V 60/50HZ
- 2. Power: 20W
- 3. Outline size: 500×350×180mm  
Packing size: 590×410×245mm
- 4. N/W: 5.3Kg  
G/W: 5.8Kg
- 5. LED Lamp: 244LED (Red, Green, Blue, White four color LED)
  - (1) LED:  $\phi 5$
  - (2) LED angle:  $24^{\circ} \pm 1^{\circ}$
  - (3) LED current: 500mA

## IV、 Installation

### 1. Install/replace LED lamp



First, unscrewed the three screws of the helmet, then removed to helmets, if a part of LED damaged, you need to use the thermostat electric iron be removed. Installation method is just the opposite.

**Warning**

1: The light power supply must be disconnected when replacement of the LED does not bright

2: you can repair the light before you must use a thermostat with anti-static electric iron, and wear anti-static rings

**2. Power supply, wire Connection**

Using a dedicated plug to connect the 4eye LED light and power. 4eye LED light should pay attention to whether the voltage and frequency between signs and on the power supply are the same or not. Suggested that each light has a separate power supply switch, this can be turned on or off at random for each 4eye LED light. The 4eye LED light selection of input voltage and frequency parameters as follows:

<b>Voltage</b>	AC100V~240V	<b>Frequency</b>	60/50Hz
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If the power cable is damaged, please contact the area agents or ask professional to replace; please use the same specification cable when you replace the power cable.

Tip: When connecting the power, ground wire must (yellow / green color wire) safety grounding, electrical installation must comply with all relevant standards.

**3. Fixed installation of lighting (including light hook and safety rope how to use)**



Hook installation

Before positioned the light, ensure the stability of the installation site. In the reverse hanging installation, use two sets of M10 bolts with a professional big hook, link the hanging screw hole on the bottom of the light, must be ensure that the light will not fell down from support rack, through the support rack and light hand use the safety rope for auxiliary lifting handle to ensure safety, to prevent the light falling and sliding. Light in the installation, the bottom prohibit pedestrians. Safety rope regularly checked whether there is wear and tear, whether there is loose hook. The manufacturer does not take any responsibility if the light falling because hanging installation is not stable.

#### Warning

1. Hook use only for light lifting.
2. Hook as a handle move the light to prohibit, carrying, please use the handle.

## V、Operation

### 1. Panel Operation

1) Press MODE (mode) key to switch modes:

A001: DMX Mode

G-1-: strobe mode, G-2-: AUTO-running mode, G-3-: sound control auto-running model

S -: slave machine mode

(2) Press FUNC (mode) button to switch modes: SP -: speed, d -: off Show

(3) Press the MODE key to display the DMX512 address code, and then press UP and DOWN keys to adjust address code.

(4) Press FUNC key to enter the feature setup, and then press UP and DOWN keys to enter the function parameters for setting options.

## 2. Function Code Control Operation

(1) On display: A001

(2) Press MODE key to display: G-3-, in the G-3-state can press UP and DOWN keys increment or decrement.

G-3-: sound control mode

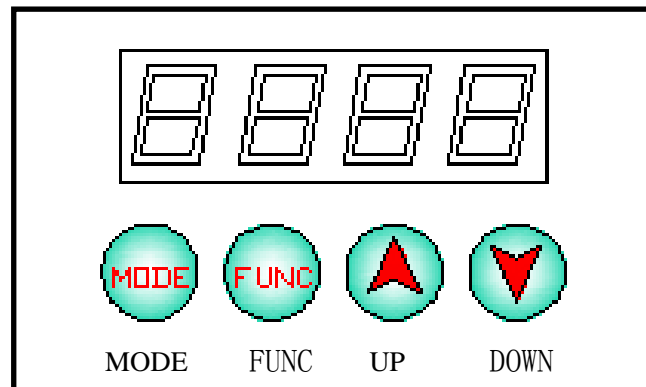
G-2-: auto-running model

G-1-: Strobe Mode

S -, the state of S - can press UP and DOWN keys increment or decrement,

Select a sub-machine address.

## 3. DMX Address Code Setting



Every light should be set with DMX address code when you are using the controller to control multi lights, it is used to receive the signal from the controller.

The present address code of the light = (address code of last light) + (channel quantity of the light) . 4eye LED light with 6 Channels, so it should be under the 16channle control mode, the DMX address code of the first light is 001, the second should be: 017, the third should be 049, analogously.

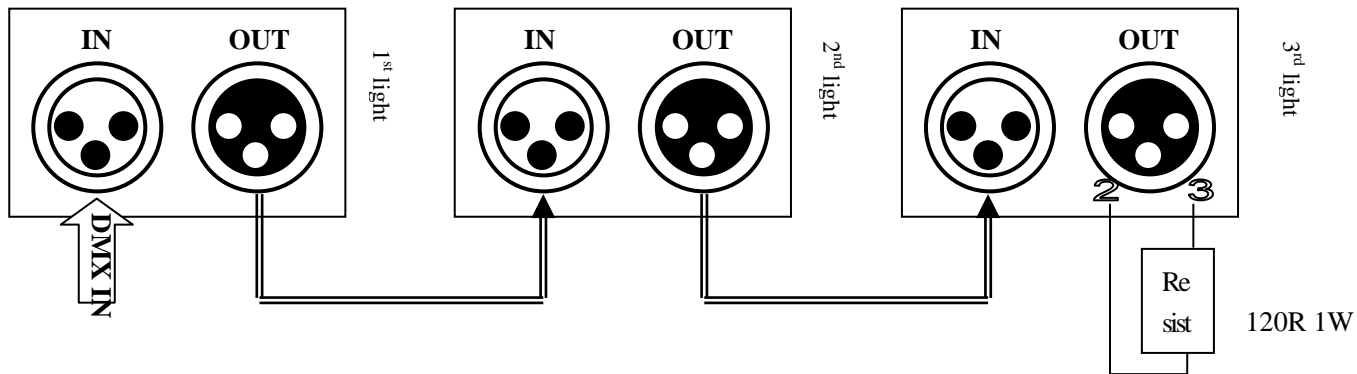
## VI、 Appendix

## 1、 Usage of the Signal Cable、 Connector

The connection between the output of master light and input of the slave light, it's available to use the 3 pins XLR cable which provided by the manufacturer. Signal cable from the DMX output of the controller to the input of the first master light, and connect to the DMX input of second slave light from the DMX output of the first master light, analogously, till connected all the slave lights, and insert the last connector to the output of the final light.

If you want to prolong the connection of signal cable, the connection of the pins between male connector and female connector should be: 1 to 1; 2 to 2; 3 to 3, or it will cause communication interruption. (Notice: the diameter of core of every cable should be 0.5mm at least, double core shelter cable should be used). The signal connecting must use the attached 3 pins XLR cable. Notice, all the internal lead wire of the 3 pins XLR cable should not touch to each other or connect to the connector.

The light is available to receive the DMX512 signal, connect the signal plug to the panel which marked with "IN", and connect it to the next light. then, connect to the "IN" of next light from the "OUT". The DMX signal terminal organ is recommended when the lighting signal is connecting. It will avoid to damage the signal which caused by the noise, DMX terminal organ is a XLR connector, connect with a 120Ω resistor between the pin 2 and pin 3 of the XLR connector, and connect it to the last OUTPUT socket of the final light.



## 2、 DMX channel list

DMX channel	Function	DMX value	Features
		0~100 101~150	Individual control(speed adjustment fast→slow)



Channel 1	All function	151~160 161~170 171~180 181~190 191~200 201~255	Total control Gobo mode 1 Gobo mode 2 Gobo mode 3 Gobo mode 4 Gobo mode 5 Sound control
Channel 2	individual control 1	0~9 10~69 70~129 130~194 195~255	Off Auto mode 1 Auto mode 2 Auto mode 3 Static Display
	Total control mode	0~9 10~69 70~129 130~194 195~255	Off Auto mode 1 Auto mode 2 Auto mode 3 Static Display
	Gobo control	0~255	Set gobo by self
Channel 3	individual control 2	0~9 10~69 70~129 130~194 195~255	Off Auto mode 1 Auto mode 2 Auto mode 3 Static Display
	Overall control speed adjustment	0~255	fast~slow
	Gobo controls speed adjustment	0~255	fast~slow
Channel 4	individual control 3	0~9 10~69 70~129 130~194 195~255	Off Auto mode 1 Auto mode 2 Auto mode 3 Static Display
Channel 5	individual control 4	0~9 10~69 70~129 130~194 195~255	Off Auto mode 1 Auto mode 2 Auto mode 3 Static Display
Channel 6	dimmer	0~255	Brightness~dark

## **VII、 Maintenance**

### **1. Clean and use frequency**

To confirm the power supply have cut off before disconnect the light or repair it ,it is very important to keep the light cleaning .not only can keep the light maximum brightness output but also can prolong their use life . please use the high quality professional glass and soft cloth to clear up the equipment ,not permission to use the alcohol and organic liquid clean at least once each year use vacuum dust collector .

When the light does not start, check whether the light power supply fuse blown or not, if blow, install the appropriate fuse, and start the light after find out troubleshooting, but please attention to the technically person allowed to carry out maintenance work.

### **2. Product Return Procedure**

#### **A. No charge**

(1) First customer talking the return matters with customer service personnel.

(2) Until the customer returned the bad product to factory, the customer service personnel need to make sure their warranty period, truthfully fill out the "maintenance services list."

(3) Both customer service and warehouse personnel to transfer responsibilities production units.

(4) The responsibility of production units arrange repair.

(5) The responsibility of production units truthfully fill out the "maintenance service card" after finish repair, and transferred the finished products to warehouse.

(6) The warehouse personnel should be talk with customer service timely, to confirm the shipping issues.

#### **B. Charges**

(1) First customer talking the return matters with customer service personnel.

(2) Until the customer returned the bad product to factory, the customer service personnel need to make sure their warranty out

period, truthfully fill out the "maintenance services list."

(3) Both customer service and warehouse personnel to transfer responsibilities production units.

(4) The responsibility of production units arrange repair.

(5) The responsibility of production units truthfully fill out the "maintenance service card" after finish repair, and transferred the finished products to warehouse.

(6) The warehouse personnel should be talk with customer service timely, to confirm the shipping issues. There are customer service personnel need to confirm the repair costs and send to the finance department.

### 3. Complain

(1) The salesman will check the details of complained problem, included the item no、delivered quantity、delivery time、faulty and pictures, and the requirement of customer

(2) QC and Technology department will analysis the complained problem, and give a final solution to customer

## VIII、 Faulty Disposal

Familiar Faulty	Disposal
Light can not start	1. Check if the fuse burnt out or not 2. Check if the power connect well or not 3. Check if the circuit board +12V or +5V short circuit of earth
Light can be shine well, but can not be control by controller	1. Check if the light' s DMX original address setup right or not. 2. Check the connection details of communication control wire
5W white LED not brightness	1、 Check if LED lamp damage or not