SHEHDS®

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# USER'S MANUAL

## 300W LED Beam Moving Head Lighting


⚠ **CAUTION!** **Keep this device away from rain and moisture!**

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY**

**BEFORE YOU INITIAL START - UP!**

## 1-Maintenance

**The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.**

**Please consider that damages caused by manual modifications to the device are not subject to warranty.**

**During the operation the housing becomes hot). Allow the fixture to cool approximately 20 minutes prior to manipulate with it.**

**Make sure that the available voltage is not higher than stated on the rear panel.**

**to completely remove power from unit when not in use or before cleaning or servicing the fixture.**

**Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.**

**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.**

**This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.**

**The electric connection, repairs and servicing must be carried out by a qualified employee.**

**Do not connect this device to a dimmer pack.**

**Do not switch the fixture on and off in short intervals as this would reduce the fixture's life.**

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

**Do not touch the device's housing bare hands during its operation (housing becomes hot)!**

**For replacement use fixtures and fuses of same type and rating only.**

**CAUTION!**

**Be careful with your operations.**

**With a high voltage you can suffer a dangerous electric shock when touching the wires!**

## 2-Operating determination

**Attention: The powerCON is a connector without breaking capacity, i.e. the powerCON should not be connected or disconnected under load or live!**

**This device is a moving head for creating decorative effects and was designed for indoor use only.**

**This device is for professional use only. It is not for household use.**

**If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.**

**Before switching the fixture OFF, turn the fixture OFF and allow the fixture to cool for a while.**

**Never run the device without fixture!**

**Do not shake the device. Avoid brute force when installing or operating the device.**

**Never lift the fixture by holding it at the projector-head, as the mechanics may be damaged. Always hold the fixture at the transport handles.**

**When choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others!**

**The minimum distance between light output and the illuminated surface must be more than 8 meters.**

**Make sure that the area below the installation place is blocked when rigging, derigging or servicing the fixture.**

**Always fix the fixture with an appropriate safety rope. Fix the safety rope at the correct holes only.**

**Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.**

**The fixture must never be ignited if the objective-lens or any housing-cover is open, as discharge fixtures may**

**explode and emit a high ultraviolet radiation, which may cause burns.**

**The maximum ambient temperature 45°C must never be exceeded.**

## 3-Attention Item

**1.For guarantee the life of product,please do not put it on the wet place and not use it the place over 40 degree.**

**2.Please don't lay the product on the un-fixable or shakable place.**

**3.Ask for the professional to maintain the product in order to avoid the danger of get an electric shock.**

**4.Power supply should not be changed over +&-10% while the light is using,it will be decreased the life of fixture if the power is too high,but it will be influenced the luminosity if the power is too low.**

**5.After power off,if it is need used again,please cool down over 20 minuter.**

**6.Please look round the manual for ensure the product can be used normally.**

## 4-Rigging the fixture

**A structure intended for installation of the fixture(s) must safely hold weight of the fixture(s) placed on it. The structure has to be certificated to the purpose.**

**The fixture (fixtures) must be installed in accordance with national and local electrical and construction codes and regulation.**

**For overhead installation, the fixture must be always secured with a safety wire that can bear at least 10 times the weight of the fixture**

**When rigging, derigging or servicing the fixture staying in the area below the installation place, on bridges,under high working places and other endangered areas is forbidden.**

**The operator has to make sure that safety-relating and machine-technical installations are approved by an expert before taking into operation for the first time and after changes before taking into operation another time.**

**The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.**

**Allow the fixture to cool for ten minutes before handling.**

**The projector should be installed outside areas where persons may walk by or be seated.**

**IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE**

**including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installation yourself, but use a help of professional companies.**

**CAUTION: Fixtures may cause severe injuries when crashing down! If you have doubts concerning the safety of a possible installation, do not install the fixture!**

**The fixture has to be installed out of the reach of public.**

**The fixture must never be fixed swinging freely in the room.**

**Danger of fire !**

**When installing the device, make sure there is no highly inflammable material (decoration articles, etc.) in a distance of min. 1 m.**

**The minimum distance of 8 meters between light output from the moving head and the lit objects must be kept!**

**CAUTION!**

**Use 2 appropriate cfixtures to rig the fixture on the truss.**

**Follow the instructions mentioned at the bottom of the base.**

**Make sure that the device is fixed properly! Ensure that the structure (truss) to which you are attaching the fixtures is secure.**

**The fixture can be placed directly on the stage floor or rigged in any orientation on a truss without altering its operation characteristics.**

**For securing a fixture to the truss, install two safety wires which can hold at least 10 times the weight of the fixture. Use only the safety wires with screw-on carabines.**

## 5-DMX-512 connection

**The fixture is equipped with both 3-pin sockets for DMX input and output.The sockets are wired in parallel.**

**Only use a shielded twisted-pair cable designed for 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.**

DMX - output

XLR mounting-sockets (rear view):

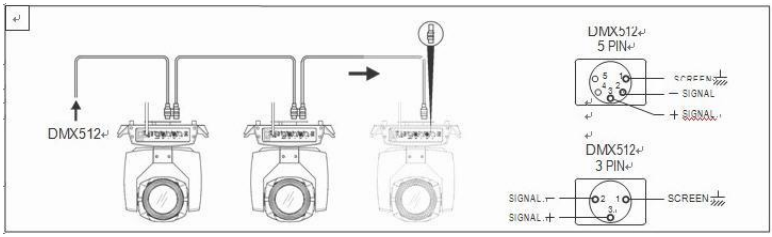

**1** - Shield
**2** - Signal (-)
**3** - Signal (+)

DMX-input

XLR mounting-plugs (rear view):


**1** - Shield
**2** - Signal (-)
**3** - Signal (+)

**Building a serial DMX-chain:**




**Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected. Up to 32 fixtures can be connected.**
**Caution: At the last fixture, the DMX-cable has to be terminated with a terminator.**
**Solder a 120 Ω resistor between Signal (–) and Signal (+) into a 3-pin (5-pin) XLR-plug and plug it in the DMX-output of the last fixture.**

## 6-Technical Specifications

| | | | |
|---|---|---|---|
| **Voltage:** | AC100V~240V50/60Hz | **Lux:** | 7435lux@10m |
| **Power consumption:** | 450 W | **Control Modes:** | DMX512,Auto,Sound , Master/Slave,RDM |
| **Lights Source:** | 300W LED module source | **Shutter:** | Flash rate 0-25HZ |
| **Color Temperature:** | 7000k±500 K | **Channel:** | 19CH |
| **Beam Angle:** | 3.5-38° | **Ambient temperature:** | -20°C ~ 40°C |
| **Color Wheel:** | 9 colors+white(half color) | **Cooling System:** | Box Heat Conduction |
| **Gobo1 Wheel:** | 6 gobos + open | **Shell Material:** | High temperture resistant plastic |
| **Gobo2 Wheel:** | 7 gobos + open | **Long Lifespan LEDs** | More than 2000 hours |
| **Tilt:** | 270° (16bit) | **Waterproof level:** | IP20 Indoor |
| **Pan:** | 450°(16bit) | **Product Color:** | Black |
| **Dimmer:** | 0-100% linear dimmer | **Product Size:** | 30x21x56 cm |
| **Prism1:** | 8-face prism rotating | **Product Weight:** | 12.52 kg |
| **Frost:** | Soft light effect | **Package Size:** | 55.5x40.5x41 cm |
| **Lens diameter:** | 97mm | **Package Weight:** | 15.25 kg |

## 7-Maintenance and cleaning

**It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture. Otherwise, the fixture‘s light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life.**
**A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!**

**DANGER !**

**Disconnect from the mains before starting any maintenance work**

**The front objective lens will require weekly cleaning as smoke-fluid tends to building up residues, reducing the light-output very quickly.The cooling-fans should be cleaned monthly. The interior of the fixture should be cleaned at least annually using a vacuum-cleaner or an air-jet.**

**Remove dust and dirt from the fans and cooling vents using a soft brush and vacuum-cleaner.**

**Important! Check the air filters periodically and clean before they become clogged!**

**Clean two air filters placed in the fixture´s covers and two in the fixture base. Use a vacuum cleaner, compressed air or you can wash them and put back dry.**

## 8-Replacing the fuse.

**Before replacing the fuse, unplug mains lead.**

**1. Remove the fuse holder on the rear panel of the base with a fitting screwdriver from the housing(anti-clockwise).**

**2. Remove the old fuse from the fuse holder.**

**3. Install the new fuse in the fuse holder (only the same type and rating).**

**4. Replace the fuse holder in the housing and fix it.**

## Checking plastic parts of the fixture.

**The plastic parts of the fixture should be checked for damages and beginning cracks at least every two months.**
**In addition, the plastic part of the front lens has to be checked mechanically (by means of movement by the plastic part) if it is firmly fastened to the fixture. If hint of a crack is found on some plastic part, do not use the fixture until the damaged part will be replaced.**
**Cracks or another damages of the plastic parts can be caused by the fixture transportation or manipulation and also ageing process may influence plastic materials.**
**This checking is necessary for both fixed installations and preparing fixtures for renting. Any free moving parts inside of the fixture head, cracked plastic or any plastic part of front lens not sitting properly in place need to be immediately replaced.**

## 9-Panel operation


**The schematic diagram of the light board is shown in Figure 3.The left side is the TFT Displayer, and the right side is the encoder button.**

**The left area is the TFT Displayer, light setting (parameter) operation or viewing light status. The right area is a rotary encoder with buttons. As an auxiliary input interface, you can select encoder settings or view items, then press the encoder button to confirm the selection, and the rotary encoder will set the parameter value again. Finally, press the encoder button again. Save the value or setting.**

## 10-Control menu map

| Menu 1 | Menu 2 | Function |
|---|---|---|
| Advanced | Password | Default password :00001111<br>This menu is not recommended for non-professional technicians |
| Info | Error list | No.error |
| | DisplayVer | 1A230411 |
| | MainboardVer | 20230322 |
| | Serial No. | 5CF0C9F8 |
| | SYS timer | 00000.0H |
| | Run Timer | 000:00 |
| | Lamp timer | 00000.0H |
| | Permission | -----:--- |
| | Equip TEMP | Not date |
| | Head TEMP | Current temperature |
| | Fan1 speed | Not date |
| | Fan2 speed | Not date |
| | Pan Coder | ======== |
| | Tilt Coder | ======== |
| Standard | Default set | Press OK will restore default settings |
| | Address | 001-512 |
| | DMX mode | Mode 1 / 2 (Mode 2 is no function) |

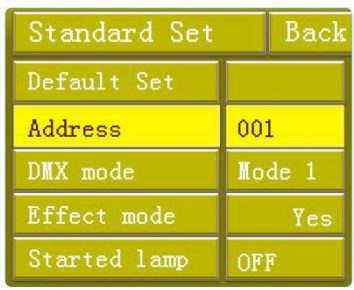
| | | |
|---|---|---|
| | Effect mode | Yes / No |
| | Started lamp | On / Off |
| | Switch lamp | On / Off |
| | No signal | Clear / Hold |
| | UI Color | Golden / Green / Gray / Blue |
| | Show time | Yes / No |
| | Brightness | 000-255 （Display brightness ） |
| | Effect sync | Off / Speed 1-7 |
| | Screen saver | On / Off |
| | XY encoder | On / Off |
| | X Inversion | No / Yes |
| | Y inversion | No / Yes |
| | Focus inver. | No / Yes |
| | Zoom inver. | No / Yes |
| Perform | Run mode | Auto / Sound |
| | Run speed | 000-255 |
| | Run Cross | 000-255 |
| | Built in 1 | On / Off |
| | Built in 2 | On / Off |
| | User PRO 1 | No PRO |
| | User PRO 2 | No PRO |
| | User PRO 3 | No PRO |
| | User PRO 4 | No PRO |
| | Circle shape | On / Off |
| | Square range | 000-255 |
| | Sound DB | 000-255 |
| Reset | | Reset system |
| Program | Pro01 - 04 | Support 4 manual programming scenarios |

## 11-DMX address code

Click and select "Standard-Address", you can enter the DMX address setting page, the range is 1~512, the address code cannot be greater than (512-number of channels), otherwise the light cannot be controlled.

Here's the action:

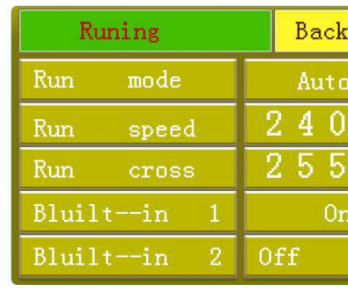
Enter the DMX address page, click the blank area on the right side of the display, modify the value, click "ENTER" to confirm and save the DMX address code.



## 12-Set Light work mode

**Go to the "Perform" page and modify the settings. The light work mode, control light and DMX channel mode can be set.**

**The light includes 3 working modes: DMX mode, auto mode and sound mode, the parameters are defined as follows:**




- **DMX** : Under this mode, the light receive data from the DMX controller and move.
- **Auto** : Under this mode, light will run with inside code(data), ignore data from DMX controller.
- **Sound** : Under this mode, light ignore data from DMX controller., When there is a strong sound in stage, the light will run a scene, otherwise it will keep the last scene.
- **Built-in1/2**: This mode is available when light just in 'AUTO'. Choose to run the built-in automatic mode
- **User PRO1/2/3/4**: Run a customized program and enter Program mode to edit and save the program.

## 13-Set display

The light supports 2 languages, rotates the display, and enters the setting parameters as follows:

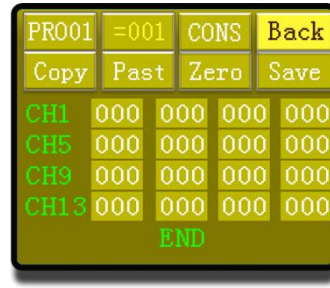
- **Language:** Returning to the homepage, the language option is located in the bottom right corner, displaying: 语言. Press ENTER to switch between Chinese and English.
- **Screen saver:** When the panel is idle (no operation within 10 seconds), the monitor enters the screen saver state. When set to 'Mode 1', the save state is off display, and the 'Mode 2' save state will display DMX address code (DMX MODE) or display LOGO (AUTO RUN or SOUND CTRL). When set to 'OFF', the display remains lit and the

main menu is displayed.

- **Screen Rotation:** rotate displayer.

## 14-Program

1: This function can program up to 4 user programs, which can be run in series. That is to say, the programmed 4 programs can be switched on simultaneously in the "Test Run" function. When running, program 1 is run first, then program 2, then program 3, then program 4, and then loop back to program 1, and so on. Of course, it can also be run by single selection.




2: The operations that programming function buttons can achieve:
Select program, read program, select step, delete step, manually or console input, copy current step, paste to selected step, reset current step, save to selected program space

### Manual control programming:

Select the PRO1-4 that needs to be saved to, manually control and set the channel values for one step, and then click step (the number button represents step)
Press the up and down buttons to proceed to the next step. Manually control the setting of channel values again, and so on in the next step.

| | | | | |
|---|---|---|---|---|
| CH1: | 1.Pan | 2.Pan fine | 3.Tilt | 4.Tilt fine |
| CH5 | 5.PT speed | 6.Rainbow | 7.Strobe | 8.Dimmer |
| CH9 | 9.Color | 10.Half color | 11.Gobo | 12.Gobo shake |
| CH13 | 13.Focus | 14.Prism | 15.Prism rot | 16.Reset |

### Delete step:

If there are too many programming steps, you can delete the following steps. Select the step button and press the 'Next' button to return to the unnecessary step. At this point, the number of steps is displayed as>0XX. Press and hold the OK button for 3 seconds to delete the subsequent steps. The display changes to=0XX.

### Copy step:

Press the copy button to copy all channel values of the current step and temporarily store them in the memory paste board.

### Paste steps:

After copying, you can choose to go to any step and paste the channel values of the pasteboard into the currently selected step channel.

### Zeroing step:

Press the reset button to reset the current channel value.

### 5. Console control programming:

This device provides a more convenient console input programming function, which can also be used to step by step input the program of the console, achieving the function of copying the program

programmed by the console.
As shown in the figure, select the manual/console input mode as the console.
At this point, all channel values are inputted by the DMA control panel, which is invalid for manual operation, pasting, and resetting. All channel values are displayed in real-time as the DMA values.
At this point, programming only requires input from the control panel, or the control panel can run the programmed steps in one step, which is to enter the control panel program. Here, the device only needs to click on the next number and press the up arrow to achieve programming.

## Save program:

After each step is programmed through manual input or console input, this programming can be saved. Please confirm the selected save location PR01- PR04. Please note that the save step length is equal to the step value of=0XX, rather than seeing a step value greater than 0XX. Please delete the remaining steps first, refer to 'Delete Steps', and then press' Save'.

## Read program and re edit program:


As shown in the figure, select the PR01- PR04 that needs to be read, click the step button, and then press the<down>button to display "Read". At this point, press the OK key to read the selected program. The displayed value after reading is the maximum step value of the current program. If the program is empty, it will be displayed as' Empty 'or' No '
At this point, you can re edit the program that has already been read out. After editing, press Save to overwrite the current program, or select another PR01- PR04 space to save as.

## Run program:

If you need to run a program that has been programmed and saved, please return to the "Test Run/Performance" function menu, click to select the corresponding user program, and switch to "On"


## 15-Channel List Notes:

- If the light has been reset, please check whether the value of the "reset" channel is within the valid data segment;
- If the X/Y axis of the lamp rotates slowly, please check the data of the "X/Y speed" channel;

- Only when the channel mode of the light parameter is set to "Extended (20CH)" (refer to "Operation Mode" > "Channel Mode" settings), the extended channel (see Channel Table )

**can be used.**

## 16-DMX Channel

| Channel | Function | Value | Function |
|---|---|---|---|
| CH1 | Pan | 0-255 | Pan movement |
| CH2 | Pan fine | 0-255 | Pan 1.8° movement |
| CH3 | Tilt | 0-255 | Tilt movement |
| CH4 | Tilt fine | 0-255 | Tilt 1.8° movement |
| CH5 | Pan tilt speed | 0-255 | Fast-slow |
| CH6 | Strobe | 0-3 | None |
| | | 4-127 | Strobe from slow to fast |
| | | 128-131 | Open |
| | | 132-251 | Random strobe from slow to fast |
| | | 252-255 | Open |
| CH7 | Dimmer | 0-255 | Dimmer |
| CH8 | Color | 0-5 | Open |
| | | 6-11 | Open+Red |
| | | 12-17 | Red |
| | | 18-23 | Red+Yellow |
| | | 24-29 | Yellow |
| | | 30-35 | Yellow+Blue |
| | | 36-41 | Blue |
| | | 42-47 | Blue+Green |
| | | 48-53 | Green |
| | | 54-59 | Green+Rose red |
| | | 60-65 | Rose red |
| | | 66-71 | Rose red+Light blue |
| | | 72-77 | Light Blue |
| | | 78-83 | Light blue+Orange |
| | | 84-89 | Orange |
| | | 90-95 | Orange+Light green |
| | | 96-101 | Light green |
| | | 102-107 | Light green+pink |
| | | 108-113 | Pink |
| | | 114-119 | Pink+Open |
| | | 120-127 | Open |
| | | 128-191 | Color rotate left |
| | | 192-255 | Color rotate right |
| CH9 | Gobo1 | 0-8 | OPen |
| | | 9-17 | Gobo1 |
| | | 18-26 | Gobo2 |
| | | 27-35 | Gobo3 |
| | | 36-44 | Gobo4 |
| | | 45-62 | Gobo5 |
| | | 63-127 | Gobo6 |
| | | 128-191 | Gobo rotate left |

| | | | |
|---|---|---|---|
| | | 192-255 | Gobo rotate right |
| CH10 | Gobo2 | 0-4 | Open |
| | | 5-9 | Gobo1 |
| | | 10-14 | Gobo2 |
| | | 15-19 | Gobo3 |
| | | 20-24 | Gobo4 |
| | | 25-29 | Gobo5 |
| | | 30-34 | Gobo6 |
| | | 35-39 | Gobo7 |
| | | 40-54 | Open |
| | | 55-69 | Gobo1 |
| | | 70-84 | Gobo2 |
| | | 85-99 | Gobo3 |
| | | 100-114 | Gobo4 |
| | | 115-129 | Gobo5 |
| | | 130-144 | Gobo6 |
| | | 145-159 | Gobo7 |
| | | 160-207 | Gobo rotate left |
| | | 208-255 | Gobo rotate right |
| CH11 | Gobo2 Rotate | 0-127 | Rotating 360° |
| | | 128-191 | Clockwise Rotation |
| | | 192-255 | Anti clockwise Rotation |
| CH12 | Focus | 0-255 | Focus |
| CH13 | Zoom | 0-255 | Zoom |
| CH14 | Prism | 0-31 | None |
| | | 32-255 | 8 facet prism |
| CH15 | Prism Rotate | 0-127 | Rptating 360° |
| | | 128-170 | Clockwise Rotation |
| | | 171-213 | Anti clockwise Rotation |
| | | 214-255 | Clockwise Rotation and Anti clockwise Rotation |
| CH16 | Frost | 0-31 | None |
| | | 32-255 | Frost |
| CH17 | Auto Zoom | 0-255 | Auto zoom in and zoom out |
| CH18 | Auto Move | 0-255 | Auto pan and tilt move |
| CH19 | Reset | 0-200 | None |
| | | 201 | Reset effect |
| | | 251-255 | Reset |

## 17-Fault handling

### Common Faults and Use Attention

***Common troubleshooting:***

- **The lights contains professional components such as microcomputer circuit board and high-voltage power supply. For your safety and product life, non-professionals should not disassemble the lamp and related accessories without authorization.**

***The bulb does not light up***

- **Possible cause: The bulb is not completely cooled, or the bulb has reached the end of its life, the treatment is as follows:**

- Due to abnormal operation, the bulb has not been completely cooled, so let the lamp body cool for more than 10 minutes to make the interior completely return to normal state, and then turn on the power again;
- Check whether the bulb has reached the end of its service life, and replace it with a new one;
- Check whether the bulb and the lighter circuit are leaking, falling off or having poor contact;
- Replace with a new lighter.

***The light beam appears dim***

- Possible cause: The lights has been used for a long time or the light path is not clean. The treatment is as follows:
- Check whether the bulb has reached the end of its service life, and replace it with a new one;
- Check whether the optical components or bulbs are clean, and whether there is dust on the bulbs and other optical components. Regular cleaning and maintenance of the bulbs and components in the lamps are required.

***Blurred pattern projection***

- distance.

***Lamps work intermittently***

- Possible cause: The internal circuit enters the protection state, and the treatment is as follows:
- Check whether the fan is operating normally or whether it is dirty, causing the internal temperature of the lamp to rise;
- Check whether the internal temperature control switch is in the closed state;
- Check whether the bulb has reached the end of its service life and replace it with a new one.

***The lamp does not accept the control of the console after the normal reset***

- Possible cause: The signal line is faulty or the lights parameter setting is not normal, the treatment is as follows:
- Check the address code and the connection of the DMX signal line (whether the signal line cable is intact, and if the connection of the Deng Nong head is loose);
- Add signal amplifier and 120 ohm terminal resistance;
- Check the lights parameter settings, make sure the lights is in "DMX mode", and make sure that the "CH20 operation mode" of the DMX channel is in the data segment "0~49" of the "DMX mode".

- 4.1.6 The lights cannot be started
- Possible cause: The power line is bad, and the treatment is as follows:
- Check whether the fuse on the power input socket is fused, and replace the fuse;
- lights have poor line contact due to vibration during long-distance transportation
- Check the input power, computer board and other plug-in devices

***Precautions for use***

- Check whether the local power supply meets the rated voltage requirements of the product, and the leakage protector and overcurrent protector meet the requirements of the load;
- Do not use power cords with damaged insulation, and do not overlap power cords with other wires;The lamp adopts strong air cooling, which is easy to accumulate dust. It must be cleaned once a month, especially the heat dissipation vent, otherwise it will be blocked by the accumulation of dust, resulting in poor heat dissipation and abnormalities in the lamp.
- When installing the lamp, the fixing screws must be fastened, with safety cables, and regular inspections;
- When installing and positioning the luminaire, keep a minimum distance of 10 meters between any point on the surface of the luminaire and any flammable and explosive object, and the distance from the irradiated object is 2.5 meters. Please do not install the luminaire directly on the surface of combustible

**materials;**

- **It is recommended that the continuous working time of the lamp should not exceed 10 hours, and the interval between continuous starting of the lamp should not be less than 10 minutes, otherwise it will not be triggered normally due to the overheating protection of the lamp;**
- **The closing time using the switch valve should not exceed 5 minutes. If you need to close the light for a long time, you should use the console (lighting control channel) to turn off the light;**
- **lamps should not be in the unfinished current scene all the time, that is, start the next scene action. It is best not to exceed 3 minutes in this state to ensure that multiple lamps can run simultaneously.**
- **During use, if there is an abnormality in the lamp, stop using the lamp in time to prevent other malfunctions;**

## 18-Accessories list

**Quick lock x 2**

**Power cable x 1**

**Dmx512 cable x 1**

**Manual x 1**