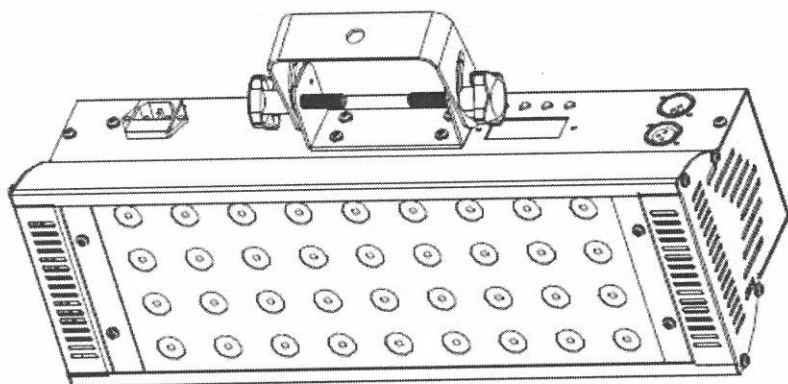


®  
**NICOLS**  
*Lighting Effect*



## UV PANEL 363

User guide

## SAFETY INSTRUCTIONS

Please read carefully the instruction, which includes important information about the installation, using and maintenance.

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction 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.***

### **Do not connect more than 7 items in series on the same power supply**

- Unpack and check carefully that there is no transportation damage before using the unit.
- The unit is for indoor use only. Use only in a dry location.
- DO install and operate by qualified operator.
- DO NOT allow children to operate the fixture.
- Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Be sure that no ventilation slots are blocked, otherwise the unit will be overheated.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Maximum ambient temperature  $T_a$ : 40°C. DO NOT operate it when the temperature is higher.
- DO NOT connect the device to any dimmer pack.
- 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, and it will decrease gradually within 15 minutes.
- Make sure there are no flammable materials close to the unit while operating to avoid fire hazard.
- Examine the power wires carefully, replace them immediately if there is any damage.

- Unit's surface temperature may reach up to 85°C. DO NOT touch the housing bare-handed during its operation, and allow about 15 minutes for cooling the unit down before replacing bulb or maintenance as it could be very hot.
- Avoid any inflammable liquids, water or metal objects entering the unit. Once it happens, cut off the mains power immediately.
- DO NOT operate in dirty or dusty environment, do clean fixtures regularly.
- DO NOT touch any wire during operation as there might be a hazard of electric shock.
- Avoid power wires together twist other cables.
- The minimum distance between light output and the illuminated surface must be more than 12 meters.
- Disconnect mains power before fuse/lamp replacement or servicing.
- Replace fuse only with the same type.
- In the event of serious operating problem, stop using the unit immediately.
- Never turn on and off the unit time after time.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.
- DO NOT open the unit as there are no user serviceable parts inside.
- Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.
- Disconnect the mains power if the fixture is has not been used for a long time.
- DO use the original packing materials before transporting it again.

**Caution :**

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- Hot lamp explosion hazard. Do not open the unit within 15 minutes after switching off.
- DO replace the bulb once it is damaged, deformed or life-expired.
- DO NOT look directly at the light while the bulb is on.
- DO NOT start on the unit without bulb enclosure or when housing is damaged.

**Installation:**

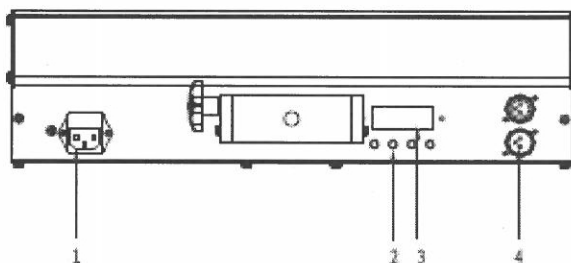
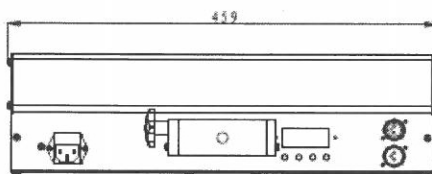
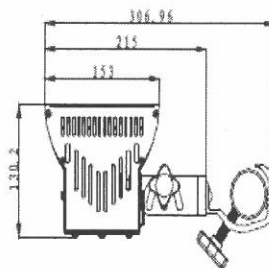
The unit should be mounted by its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. The structure to which you are attaching the unit should be able to support 10 times the weight of the unit. Also always use a safety cable that can hold 12 times the weight of the unit when installing the fixture.

The equipment must be fixed by professionals.

## TECHNICAL SPECIFICATIONS

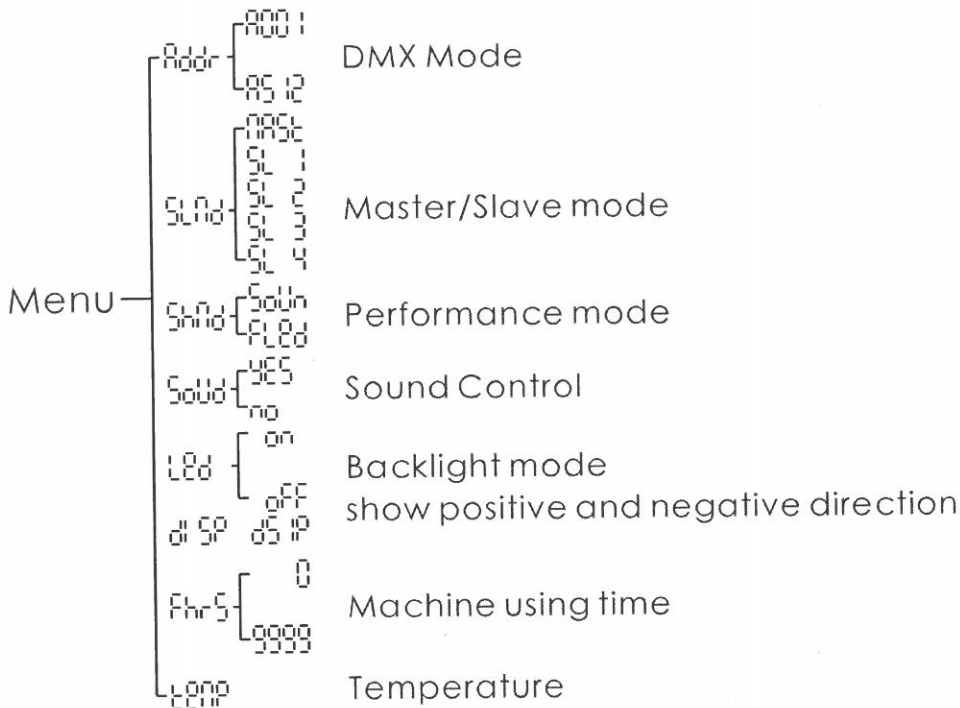
### UV PANEL 36 LED 3W

- LEDs : 36 x 3W UV LEDs
- Operation Mode : DMX/ Master-Slave/ Sound active
- DMX Channels : 2
- Dimming : 0-100% / Strobe
- Voltage : AC 100-240C, 50/60Hz
- Consumption : 110W
- Dimension : 459 x 215 x 130,2 mm
- Weight : 3 kg



- 1 – prise d'alimentation
- 2 – touche menu
- 3 – Ecran affichage
- 4 – Sortie signal DMX

## Fonctions



### Addr DMX 512 Address Setting

Press the **MENU** button up to when the **Addr** is shown on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to change the DMX 512 address. Once the address has been selected, press **ENTER** button to setup or automatically exit menu mode without any change after about 1 minute. Back to the previous functions without any change press **MENU** button.

### SLAD Slave Mode

Press the **MENU** button up to when the **SLAD** is showing on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select the **SL 1** (normal) or **SL 2** (slave 2) or **SL 3** (slave 3) or **SL 4** (slave 4) mode. Once the mode has been selected,

press the **ENTER** button to setup or automatically return to the main functions without any change after about 1 minute. To go back to the functions without any change press the **MENU** button again.

### **S h o o d** Show Mode

Press the **MENU** button up to when the **S h o o d** is shown on the display. Pressing **ENTER** button, Use **DOWN** and **UP** button to select the **S o u n d** (sound) or **F L E D** (DLNN), if you select the color, fade or strobe mode, press **ENTER** button to confirm, and use **DOWN** and **UP** button to select color 1-12 or fade speed 1-8 or Strob speed 0-255. Once select, press **ENTER** button to setup or automatically exit menu mode without any change after 1 minute. To go back to the last function without any change press the **MENU** button.

### **S o u d** Sound control

Press the **MENU** button up to when the **S o u d** is shown on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select **Y E S** (display always on) or **n o** (display off) mode. Once select, press **ENTER** button to setup or exit menu mode without any change after 1 minute. Back to the functions without any change press **MENU** button again.

### **L E d** Backlight mode

Press the **MENU** button up to when the **L E d** is shown on the display. Pressing **ENTER** button and the display will blink. Use **DOWN** and **UP** button to select **o n** (display always on) or **o f f** (display off 20 seconds after exit menu) mode. Once select, press **ENTER** button to setup or exit menu mode without any change after about 1 minute. Back to the functions without any change press **MENU** button again.

### **d i s p** Display Inverse

Press **MENU** button until **d i s p** is blinking on the display. Use **DOWN** and **UP** button to select **n o r m a l** (display normal) or **Y E S** (display inverse), press **ENTER** button to setup. Back to the functions without any change press **MENU** button.

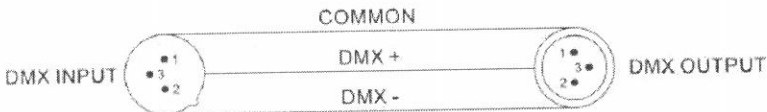
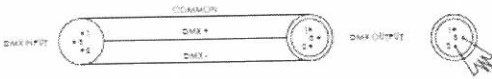
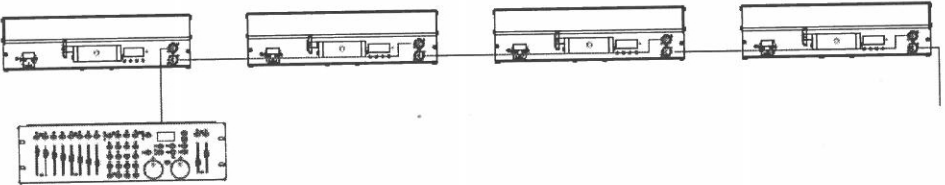
### **F h r s** Fixture Hours

Press the **MENU** button up to when the **F h r s** is blinking on the display. Pressing **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button.

### **T E m P** Temperature

Press the **MENU** button up to when the **T E m P** is blinking on the display. Pressing **ENTER** button and the display will show the number of working hours of the unit. To go back to the functions press the **MENU** button.

## DMX 512 Connections



Termination reduces signal errors and voids signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 120 ohm 1/4W) between pin2(DMX-) and pin3(DMX+) of the last fixture.



1. Connect the fixture together in a "daisy chain" by XLR plug cable from the output of the fixture to the input of the next fixture. The cable cannot be branched or split to a "Y" cable. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system

2. The DMX output and input connectors are pass-through to maintain the DMX circuit when one of the units' power is disconnected.
3. At last fixture, the DMX cable has to be terminated with a terminator to reduce signal errors. Solder a 120-ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.
4. Each lighting fixture needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).
5. 3 pin XLR connectors are more popular than 5 pins XLR.
  - 3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)
  - 5 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+),  
Pin4/5: not used

### Mode 2 canaux

| 1 CH   | 2 CH   |
|--------|--------|
| Dimmer | Strobe |
|        |        |

### Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

#### A. The fixture does not work, no light

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.

#### B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.



2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

#### **C. No response to the sound**

1. Make sure the fixture does not receive DMX signal.
2. Check microphone to see if it is good by tapping the microphone.

#### **D. One of the channels is not working well**

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

#### **Fixture Cleaning**

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 day

