



P R E S T I G E

L E D L I G H T I N G

Venus W36 LED Moving Wash

USER MANUAL



RoHS

36*10W RGBW QUAD-COLOR
4 IN 1 LED

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1. SUMMARY

Thank you for purchasing our Venus W36 LED Moving Wash. Please read these instructions carefully before operating the system to avoid any possible damage or misuse.

PRODUCT INTRODUCTION

The Venus W36 LED Moving Wash has a light source that uses 36 high powered 4-in-1 10W LED lights, each made up of R, G, B, and W LEDs which can be independently dimmed and altered. This fixture has a long life span, low power consumption, good colour mixing effects and high brightness. The built-in programs include dimming, strobe, gradual change, fading etc. settings. It is recommended that an international standard DMX 512 signal is used for best results.

CONTENT LIST

- LED moving head light (x1)
- Bracket (x1)
- DMX signal cable (x1)
- Power in cable (x1)
- The user manual (x1)
- Warranty Card (x1)

2. SAFETY INFORMATION

SAFETY NOTES

Seek advice from a professional prior to authoring any repairs

Always ensure the system is disconnected from the power source before assembling, deconstructing and moving

Avoid direct eye exposure when in use



SAFETY INSTRUCTIONS

Ensure the power supply voltage corresponds with the required voltage for the lights, and is within the range of the requested technical restrictions.

Before installing, check the lights' fasteners and mechanical structures are in good condition and there is no apparent damage.

This light is designed for indoor and outdoor use, however the working temperature must be kept below 50 degrees.

The fixtures can be mounted in any position, provided there is adequate room for ventilation. Make sure there are no inflammable and explosive items within 0.5 meters of the fixture.

The yellow/green cables are for earthing safety. These should not flicker when fixture is in use.

3. PRODUCT DIAGRAM





P R E S T I G E

LED LIGHTING



4. FEATURES

- Uses high quality LED lighting sources which have a low power consumption, high brightness, stable performance and long life span.
- Each colored LED has 256 dimming settings. The RGB can make over 16.7 million colors. The color mixing is enhanced with White LEDs
- Linear dimming 0%-100% - Strobe, gradual change, jumping change
- DMX512 Controller, 4 button set DMX ID address with LCD display
- Master slave/interconnected multi-machine control
- Lens degree: 25°, 45° options
- Uses a switching power supply to protect the LED and enhance the performance
- Pan 540 degrees, Tilt 270 degrees, reset
- DMX channels optional

5. DMX CONTROL

14CH

Channel	DMX Value	Function
1CH	0—255	General dimming
2CH	0—255	Red dimming
3CH	0—255	Green dimming
4CH	0—255	Blue dimming
5CH	0—255	White
6CH	0—10 11—255	Strobe off Strobe speed
7CH	0—20 21—30 31—40 41—50 51—60 61—70 71—80 81—90 91—100 101—110 111—120 121—130 131—140 141—150 151—160 161—170 171—180 181—190 191—200 201—210 211—220 221—255	Invalid AUTO 1 AUTO 2 AUTO 3 AUTO 4 AUTO 5 AUTO 6 AUTO 7 AUTO 8 AUTO 9 AUTO 10 CUSTOM 1 CUSTOM 2 CUSTOM 3 CUSTOM 4 CUSTOM 5 CUSTOM 6 CUSTOM 7 CUSTOM 8 CUSTOM 9 CUSTOM 10 keep
CH8	0—255	Automatic speed (fast-slow)
CH9	0-255	Pan 0--450°
CH10	0-255	Tilt 0--270°

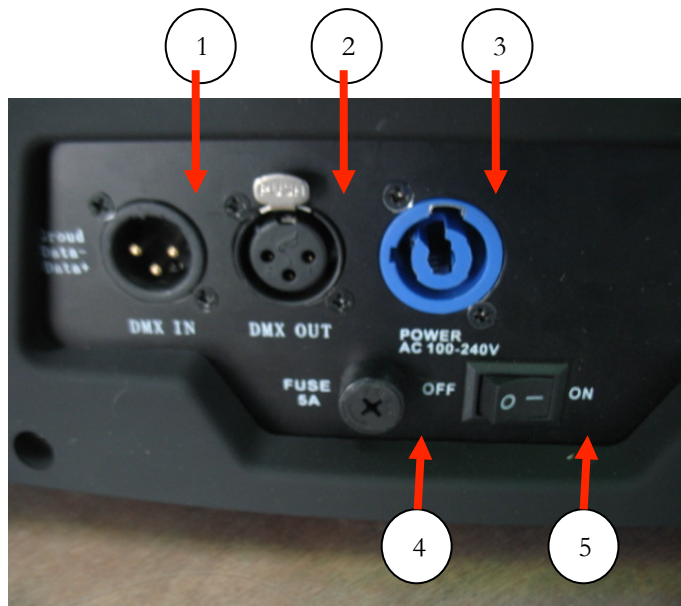
CH11	0-255	Pan fine 0—2.1 degrees
CH12	0-255	Tilt fine 0—1.0 degree
CH13	0-255	X/Y speed (fast-slow)
CH14	0-254 255-255	invalid reset

10CH:

Channel	DMX Value	Function
1CH	0—255	General dimming
2CH	0—255	Red dimming
3CH	0—255	Green dimming
4CH	0—255	Blue dimming
5CH	0—255	White
6CH	0—10 11—255	Strobe off Strobe speed
CH7	0-255	Pan 0--450°
CH8	0-255	Tilt 0--270°
CH9	0-255	X/Y speed (fast-slow)
CH10	0-254 255-255	invalid reset

6. DISPLAY OPERATION INSTRUCTIONS

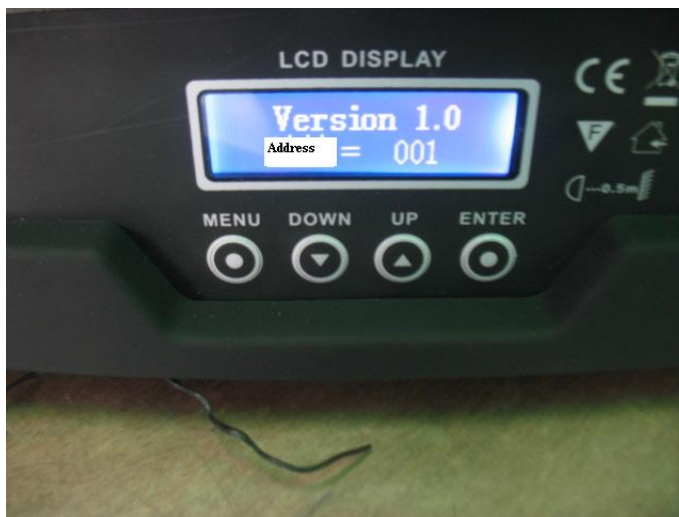
Back :



- 1: DMX512 DMX-IN XLR socket
- 2: DMX512 DMX-OUT XLR socket
- 3: AC POWER-IN socket (AC100-240V, 50-60Hz)
- 4: FUSE : 5A
- 5: Power switch (ON/OFF)

MENU: Access the menu or return to the previous menu option
 ENTER: Select the current menu option
 UP: Increase menu selection
 DOWN: Decrease menu selection

Front:

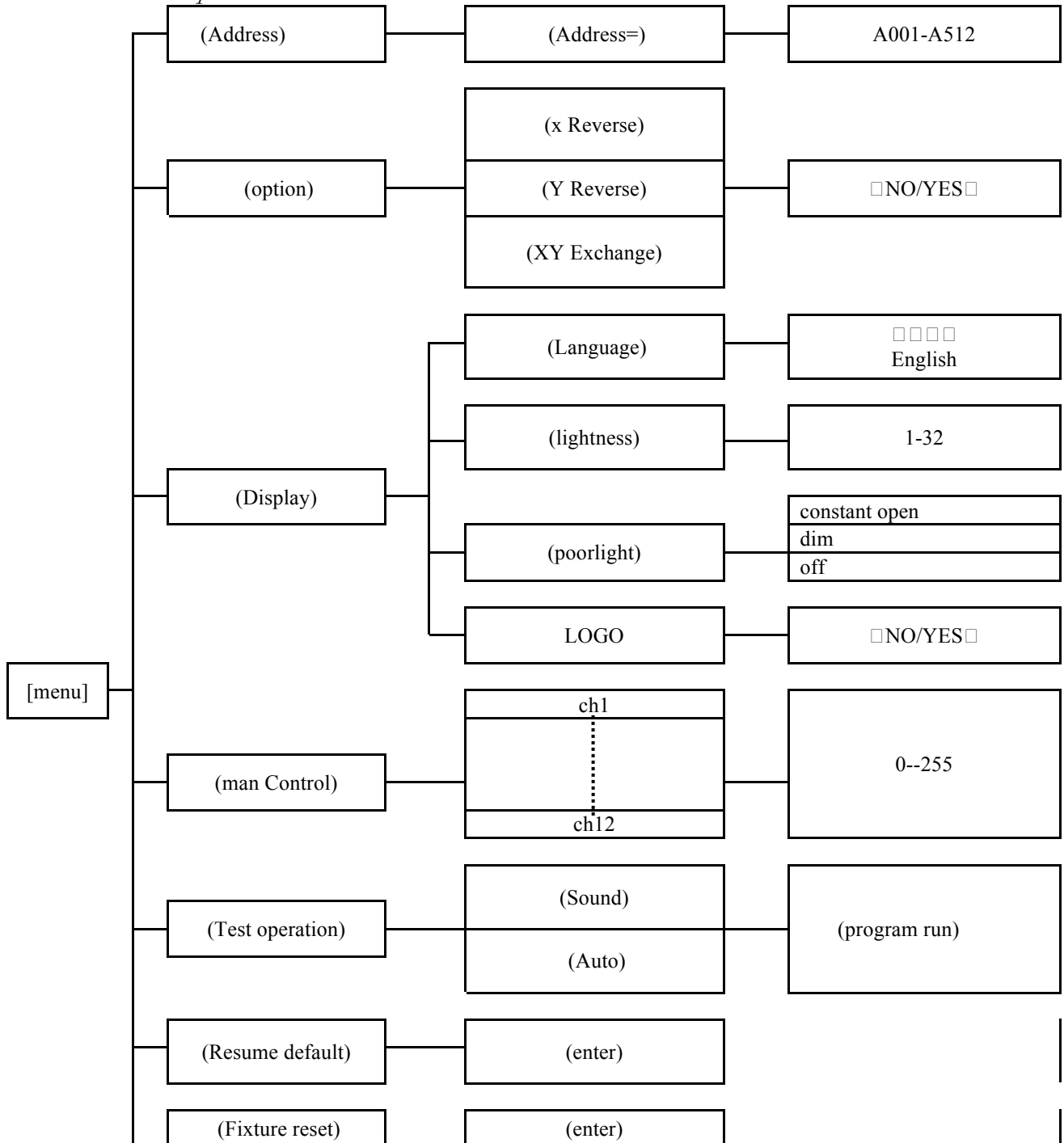




7. MENU INSTRUCTIONS

1 : Press the *menu* or *enter* button

2 : Press the *up* and *down* buttons to choose to desired functions





P R E S T I G E

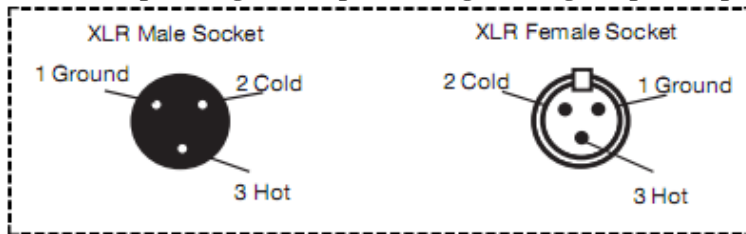
LED LIGHTING

8. XLR CABLE CONNECTING

XRL CABLE

The standard connection of the XRL should have one end connecting to the male plug, and the other connecting to the female.

As below: pin 1 - ground, pin 2 - negative signal, pin 3 - positive signal

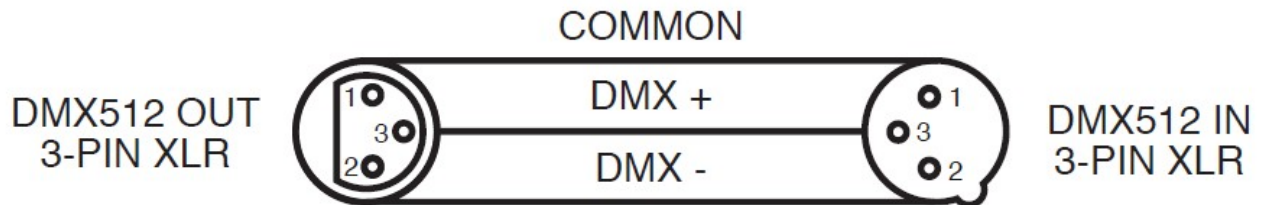


XLR Pin Configuration

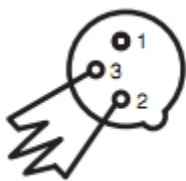
Pin 1 = Ground

Pin 2 = Data Compliment (negative)

Pin 3 = Data True (positive)



Note: In order to avoid failures and interference with signal transmission, connect a resistance 120 Ω (1/4W) at the end of the DMX connection as shown below:



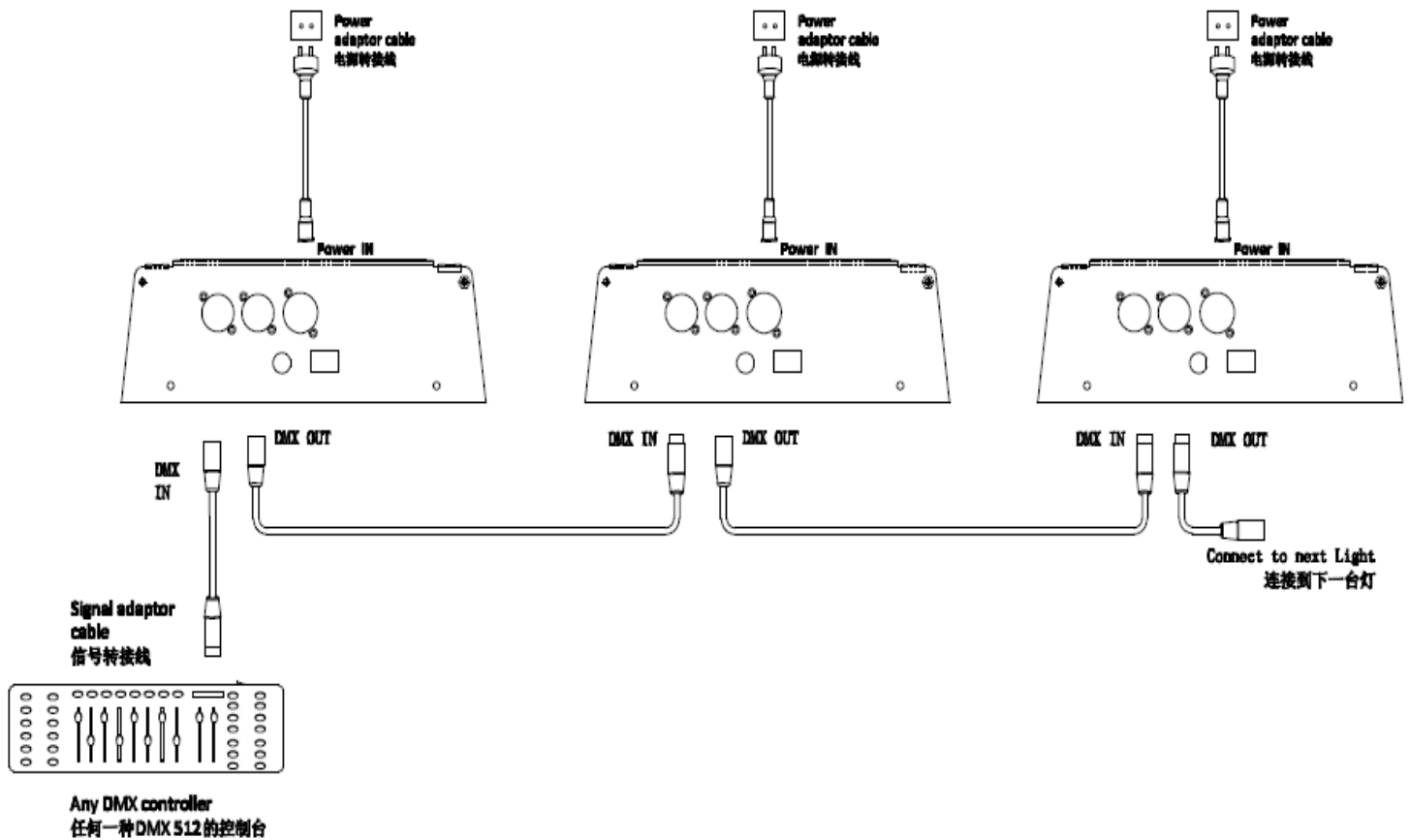
Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

The conversion between 3 pin and 5 pin XLR.

If the output cable of the DMX512 controller is a 5PIN, a 5PIN to 3PIN cable is necessary.

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

9. WIRING DIAGRAM



10. TROUBLE SHOOTING

Problem	Suggestions
The light won't turn on	Check if the power plug is working normally Check if the light switch is off or on Check if the power supply is working normally
The DMX is not controlling the light	Check if the DMX cable is connected to the light properly Check if the DMX512 controller is working normally. Check if the DMX cable is damaged. Check if the light is in DMX mode (Addr:001).
The display is not working	When the electricity is connected, the LED should flash once. If this is not the case, check the power switch and transformer. Check if the power input of the IC board is working. Check if the cable connected to the display is secure. Change the main board to ensure that it is working properly. Change the display.
The LED is not light	When the electricity is connected, the LED should flash once. If this is not the case, check the power switch and transformer. Check if the power input of the IC board is working. Check if the cable connected to the display is secure. Change the main board to ensure that it is working properly.
Some of the LEDs are not light	Check if the LEDs are secure, as the LED is connected by LEDs in series. Use the multimeter (diode) to check if the LED is bright or not. If not, the LED will need replacing. Check constant current IC is working properly (compared with the normal IC).

Single color LEDs are always light/not light at all	Check if the voltage of the input end of corresponding color is working. Change the IC control board.
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Note: Seek advice from a professional prior to authoring any repairs

11. TECHNICAL SPECIFICATIONS

- Input voltage : AC 100V-240V/47-63HZ
- Output voltage : DC24V
- Consume : 260W
- Lamp Type : High Power LED (10w)
- Lamp Spec : RGBW 4-in-1 LED (36 pcs)
- Constant current drive: 500Ma(single color drive)
- Refresh Rate: above 400HZ
- Life Span: above 50000 hours
- Control Signal : DMX512, master and slaver, sound activated
- Control mode : stand alone/ DMX/ master and slaver
- Channel : 14CH,10CH
- Color effect: R,G,B,W color mixing
- Function Effect : dimmer, strobe, eotic, fade, sound activated
- Pan 540 degrees, Tilt 270 degrees, reset
- Pan fine 2.1 degrees, Tilt fine 1.0 degree
- Beam Angle: 25° or 45°
- Cooling mode: Fan cooling
- Protection rate:IP20
- Anti-electricity intension : 1.5KV
- Insulation Resistance : > 2 MΩ
- Size : 320*242*385mm
- Net Weight : 9.5KG