PRISMA

Cabeza móvil MATRIX 25x15W RGBW

This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

User manual

Please read the instructions carefully before use

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STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible   for any malfunction & problem owing to ignore the manual.

1.Safety Instruction

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

Unpack and check carefully there is no transportation damage before using the unit.
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.
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. Disconnect main power before replacement or servicing.

Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

Maximum ambient temperature is Ta: 40°C. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

In the event of serious operating problem, stop using the unit immediately.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. Always use the same type spare parts.

DO NOT touch any wire during operation as high voltage might be causing electric shock.

WARNING:
To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
DO NOT open the unit within five minutes after switching off.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

CAUTION:

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

INSTALLATION:

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

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

2.Technical Specification

Power Voltage: AC 100-240V, 50/60Hz
Power Consumption: 500W
Light Sources: 25pcs Multi-chip Osram 4in1 RGBW 15 Watt LED sources
Beam Angle: 3°
Moving Angle: Pan/Tilt 360° Infinite rotation
Control
DMX Channel: 20/116Channels
Control Modes: DMX512, Auto, Master-Slave, Music
Construction
Display: LCD Display
DMX In/Out socket: 3-pin XLR in/out
Power Socket: Powercon in/out
Protection Rating: IP20
Size
Packing Size: 390*290*490MM

Weight
Gross Weight: 13Kgs

3.How to Control The Device

The DMX512 is widely used in intelligent lighting control,with a DMX 512 controller.connect several lights together,dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)
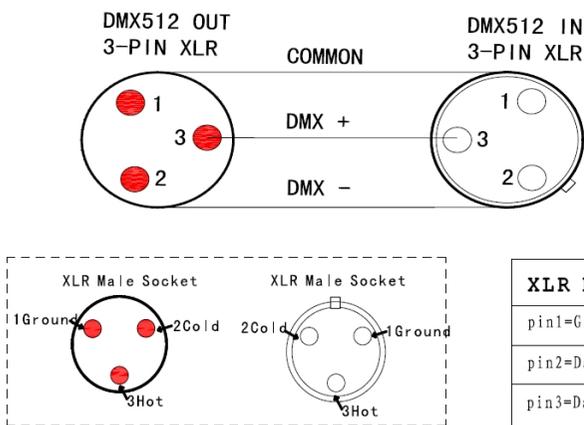

Figure2

XLR Pin Configuration

pin1=Ground	
pin2=Data Compliment(negative)	
pin3=Data true(positive)	

Display:

MENU   To select the programming functions
DOWN   To go backward in the selected functions
UP   To go forward in the selected functions
ENTER   To confirm the selected functions

Set   DMX Address Code

1. Press "**Menu**" to "Set DMX Address",and press "**ENTER**" keys to enter into

2. Show "Set DMX Address DMX Address:001",Press the "**UP** and **DOWN**" keys to amended

3   Press "**ENTER**" keys to save and Exit,Press the "**MENU**" Keys does not

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save and Exit

4   Functions setting via LED display panel as below:

Main Menu	Sub Menu	Function
System Set	DMX	001-512
	Coder	Off/Open
	Tilt Reverse	Off/Open
Running Mode	Running Mode	DMX/Auto/Sound
	Channel Optionla	20CH / 116CH
Manual Control	Pan	000-255
	Pan Infinite	000-255
	Pan Fine	000-255
	Tilt	000-255
	Tilt Infinite	000-255
	Tilt Fine	000-255
	Pan/Tilt Speed	000-255
	Dimmer	000-255
	Strobe	000-255
	Red	000-255
	Green	000-255
	Blue	000-255
	White	000-255
	Letter	000-255
	Pattern	000-255
	Dynamic Pattern	000-255
	Color	000-255
	Speed	000-255

Display Set	Language	English / Chiness
	Display Reverse	Off/Open
	Software Version	03VA can't be revise
Factory Set Display Password is 138 enter into factory set	Pan Correction	000-255 Default value 128
	Tilt Correcttion	000-255 Default value 128
	Red	032/255 Default value 220
	Green	032/255 Default value 220
	Blue	032/255 Default value 220
	White	032/255 Default value 220
	Infinite Rotation	Off/Open
	Logo	000/001 Default value 000
	Temperature	40-70 Default value 65
	Fan-Temperature	Off/Open

4. DMX Channel Table

DMX 512   20Chs

Channel	Value	Function
CH1	Pan	0-255
CH2	Pan Infinite Rotation	0-255
CH3	Pan Fine	0-255

Channel	Value	Function
CH4	Tilt	0-255
CH5	Tilt Infinite Rotation	0-255
CH6	Tilt Fine	0-255
CH7	Pan/Tilt Speed	0-255
CH8	Dimmer	0-255
CH9	Strobe	0-255
CH10	Red	0-255
CH11	Green	0-255
CH12	Blue	0-255
CH13	White	0-255
CH14	Number Character	0-255
CH15	Letter	0-255
CH16	Static Effect	0-255
CH17	Dynamic Effect	0-255
CH18	Color	0-255 Built-in color change
CH19	Dynamic Effect Speed	0-255
CH20	Reset	0-249 None
		250-255 Reset after 5s

DMX 512   116CHs

Channel	Value	Function
CH1	Pan	0-255
CH2	Pan Infinite Rotation	0-255
CH3	Pan Fine	0-255
CH4	Tilt	0-255
CH5	Tilt Infinite Rotation	0-255
CH6	Tilt Fine	0-255
CH7	Pan/Tilt Speed	0-255
CH8	Dimmer	0-255
CH9	Strobe	0-255

CH10	Red LED 1	0-255
CH11	Green LED 1	0-255
CH12	Blue LED 1	0-255
CH13	White LED 1	0-255
CH14	Red LED 2	0-255
CH15	Green LED 2	0-255
CH16	Blue LED 2	0-255
CH17	White LED 2	0-255
…….	……..	……..
…….	……..	……..
…….	……..	……..
CH106	Red LED 25	0-255
CH107	Green LED 25	0-255
CH108	Blue LED 25	0-255
CH109	White LED 25	0-255
CH110	Number Character	0-255
CH111	Letter	0-255
CH112	Static Effect	0-255
CH113	Dynamic Effect	0-255
CH114	Color	0-255 Built-in color change
CH115	Dynamic Effect Speed	0-255
CH116	Reset	0-249 None 250-255 Reset after 5s

5.Trouble Shooting

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

a.   The unit does not work, no light and the fan does not work
1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

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 unit 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.

6.Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors 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 unit'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 days.**