



PRISM PAR 12



USER MANUAL

Thank you very much for choosing our product. For safety purpose, please read this manual carefully before your operation. This manual included installation and using information. Please install and operate it according to this manual.

Part 1 Product

1.1 Product introduction

This product is designed for indoor use. Suitable applications include wash or effect lighting for architectural, stage or nightclub applications. This product can also be installed for use in signage and advertising using the dynamic functions available with DMX512 control. Direct input of DMX512 signal allows the units to be controlled from any DMX512 controller. This product can be operated as a single unit or in multiple units for large applications.

1.2 Technical Specifications

Voltage: AC100-240V, 50/60Hz

Power: 216W

Light Source: 12X18W RGBWA+UV 6in1 ultra bright LED

Lifespan: around 50,000-100,000 hours

Control: DMX 512, 6/10 channels

Control mode: DMX 512, Auto mode, Master/Slave, Sound active

Beam angle: 25°

Net Weight: 4.6Kg

1.3 Safety Warning

IMPORTANT:

ALWAYS READ THE USER MANUAL BEFORE OPERATION. PLEASE CONFIRM THAT THE POWER SUPPLY STATED ON THE PRODUCT IS THE SAME AS THE MAINS POWER SUPPLY IN YOUR AREA.

- This product must be installed by a qualified professional.
- Always operate the equipment as described in the user manual.
- A minimum distance of 0.5m must be maintained between the equipment and combustible surface.
- The product must always be placed in a well ventilated area.
- Always make sure that the equipment is installed securely.
- DO NOT stand close to the equipment and stare directly into the LED light source.
- Always disconnect the power supply before attempting and maintenance.
- Always make sure that the supporting structure is solid and can support the combined weight of the products.
- The earth wire must always be connected to the ground.
- Do not touch the power cables if your hands are wet.

ATTENTION:

- This product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warnings described in this user manual.
- Avoid shaking or strong impacts to any part of the equipment.
- Make sure that all parts of the equipment are kept clean and free of dust.
- Always make sure that the power connections are connected correct and secure.
- If there is any malfunction of the equipment, contact your distributor immediately.
- When transferring the product, it is advisable to use the original packaging in which the product left the factory.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally deformed.

PART 2 INSTALLATION

2.1 Mounting:

2.1-1 Hanging

The product can be mounted in a hanging position using the supporting bracket. The bracket should be secured to the mounting truss or structure using a standard mounting clamp. Please note that when hanging the unit a safety cable should also be used

2.1-2 Upright

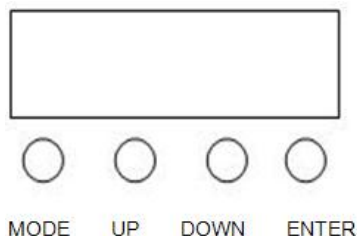
The product can be mounted in an upright or sitting position using the supporting brackets.

NOTE:

The product can be mounted at any angle and in any position. It is possible to further adjust the angle of the product using the two adjustment knobs located on the side of the fixture.

PART 3 Display Panel Operation

3.1 Display panel menu instruction



[MODE] menu selection or return to previous menu.

[UP] press [UP] through the menu list to increase/change the value of the current function.

[DOWN] press [DOWN] through the menu list to decrease/change the value of the current function.

[ENTER] confirm & quit out current function setting.

3.2 Display panel operation instruction

No	Show	Function	Value	Instruction
1	Ad001	DMX address	001~512	10CH mode UP, DOWN increase or reduce the value
2	D001	DMX address	001~512	6CHmode,UP,DOWN increase or reduce the value,
3	r255	Red dim	000~255	UP, DOWN Change brightness
4	G255	Green dim	000~255	UP,DOWN Change brightness

5	b255	Blue dim	000~255	UP,DOWN Change brightness
6	u255	White dim	000~255	UP,DOWN Change brightness
7	y255	Amber dim	000~255	UP,DOWN Change brightness
8	P255	Ultraviolet dim	000~255	UP,DOWN Change brightness
9	FH99	Strobe	01 ~ 15	UP,DOWN change the speed
10	CL01	Colors choose	01 ~ 08	UP,DOWN Change color
11	CC01	Colors Jump	01 ~ 15	UP,DOWN change the speed
12	DE99	Colors Gradate	01 ~ 15	UP,DOWN change the speed
13	CP99	Colors Pulse	01 ~ 15	UP,DOWN change the speed
14	SU01	Colors	01~15	UP、DOWN Change the effects

3.3 DMX Channel instruction 10-Channel Mode

Channel	Function	Instruction
CH1	Total Dimmer	RGBW Total Dimmer- Dark to Bright
CH2	R Dimmer	Red Dimmer- Dark to Bright
CH3	G Dimmer	Green Dimmer- Dark to Bright
CH4	B Dimmer	Blue Dimmer- Dark to Bright
CH5	W Dimmer	White Dimmer- Dark to Bright
CH6	A Dimmer	Amber Dimmer- Dark to Bright
CH7	U Dimmer	UV Dimmer- Dark to Bright
CH8	Total Strobe	RGBW Total Flash Strobe- Slow to Fast
CH9	Function Choice	0~50: CH1-CH8 Control. 51~100: Different Colors output 101~150: Colors Jump Change. 151~200: Colors Gradate. 201~250: Colors Pulse Change. 251~255: Sound-Active

CH10	Function/Speed	Slow to Fast (At the Colors output and sound choose the color)
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6-Channel Mode

Channel	Function	Instruction
CH1	R Dimmer	Red Dimmer- Dark to Bright
CH2	G Dimmer	Green Dimmer- Dark to Bright
CH3	B Dimmer	Blue Dimmer- Dark to Bright
CH4	W Dimmer	White Dimmer- Dark to Bright
CH5	A Dimmer	Amber Dimmer- Dark to Bright
CH6	U Dimmer	UV Dimmer- Dark to Bright

Part 4, Troubleshooting

4.1 Troubleshooting list for some common electrical problems may happen during use:

Phenomenon	Solution
* The fixture doesn't work * No light out	* Check main power fuse & power cable connection * Measure main voltage on the main connector
* No display	* Check connection of display PCB * Replace a new display
* No responding to DMX controller	* Check working mode setting on display is DMX mode or not * Check whether the unit be set as SLAVE * Check DMX address settings * Check DMX cable and it's connection * Try to use another DMX console
* Signal error while use DMX	* Check whether DMX cables be connected well or not * Check whether the DMX cable has to be terminated with a terminator to reduce signal errors. If not, please 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