MOVING HEAD
BEAM 350W

USER MANUAL

Please read this user manual carefully before using this product!
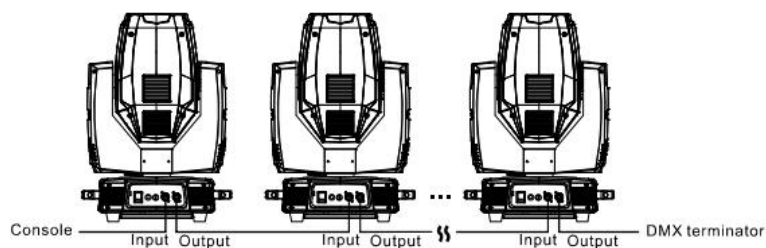**Keep it for further reference**

Made in China

1. Product introduction

- Lamp phoenix : 300W lamp (7R)
- Power Consumption : 500W
- Shutter : 1~13t/s
- Voltage : AC 100V~240V/50-60Hz
- Dimmer : 0-100%
- Color wheel : Each color plate is composed of 13 color plates + 1 fixed color white light
- Gobos : Gobo wheel fixed gobo-13pcs (2 colorful gobo+11 neutral color gobos)+open
- Effect wheel : 2 prism & frost &self rotation prisms/rainbow
- Focus : √
- Frost : √
- Rainbow rainbow effect : √
- Pan movement : 540° / Tilt movement : 270°
- Beam angle : Less than 2°
- Level of Protection : IP20
- Running temp : 0°~45°
- Control mode : DMX 512, Master-slave, Auto, Audio
- Channel : 16/20 CH
- LCD display
- Machine size : 320 x 250 x 450 mm
- Machine weight :17 kg
(Stock Clean and dry place)

2. Signal Cable connection

Connect the Console's DMX OUTPUT to the first fixture's DMX INPUT, then the first fixture's DMX OUTPUT to the second
fixture's DMX INPUT and so on. It is recommended not to connect more than 32 units on a single DMX universe. On the
last fixture's output connect a DMX terminator. (The terminator is a XLR connector with a ¼ W and 120Ω resistor between
the pin 2 and pin 3) as shown below :

Console — Input Output Input Output ⟨⟨ Input Output — DMX terminator

11	8	GIF pattern rotation		Angle adjustment
			000-127	Reverse fast ratation (slow to fast)
			128-190	stop
			191-192	Forward slow rotation (slow
			193-255	to fast)
12		empty	000-255	
13	9	Prism 1	000-127	Prism 1 Eject
			128-255	Prism 1 Cut in
14	10	Prism 1 Rotation		Prism Angle adjustment
				Reverse rotation (from fast
			000-127	to slow)
			128-190	stop
			191-192	Forward slow rotation (slow
			193-255	to fast)
15	11	Prism 2	000-127	Prism 2 Eject
			128-255	Prism 2 Cut in
16	12	Prism 2 Rotation		Prism Angle adjustment
				Reverse rotation (from fast
			000-127	to slow)
			128-190	stop
			191-192	Forward slow rotation (slow
			193-255	to fast)
17	13	atomization	000-127	The atomization pop-up
			128-255	Atomized into
18	14	amplification	000-255	Zoom stroke adjustment
19		Zoom in fine-tuning	000-255	Zoom stroke fine tuning
20	15	Focusing	000-255	Focus stroke adjustment
21		Focusing fine-tuning	000-255	Focus stroke fine tuning
22	16	stroboscopic	000-031	Close the light
			032-063	medallion
			064-095	Stroboscopic from slow to
			096-127	fast
			128-159	medallion
			160-191	Fast open slow open
			192-223	stroboscopic from slow to fast
			224-255	medallion
23	17	The dimmer	000-255	From dark to bright
	18	The X axis fine-tuning	000-255	Fine-ture 1.2 degrees horizontally
	19	Y fine-tuning	000-255	Fine-ture 1.2 degrees horizontally
24		empty	000-255	

6. Chanal parameter values

24 channels	19 channel	Function	Channel numerical	The Effect
1	1	The X axis	000-255	Horizontal 540 degree scan
2		The X axis fine-tuning	000-255	
3	2	Y	000-255	Scan 270 degrees vertically
4		Y fine-tuning	000-255	
5	3	XY speed	000-255	Speed from fast to slow
6	4	Bulb control & Reset	000-099 130-139 140-149 150-189 200-209 230-239	Invalid region Light bulb XY motor reset Small motor reset Full motor reset Put out the light bulb
7	5	Color plate	000-004 005-189 190-255	The white light Color linear switching Color disk flow (slow to fast)
8	8	Color dial Fine tuning	000-004 005-189 190-255	
9	6	Pattern plate	000-087 088-199 200-201 202-227 228-229 230-255	Solid figure switch Solid graph toggle and jitter (slow to fast) The white light Forward flowing water (from fast to slow) stop Reverse flow water (slow to fast)
10	7	Dynamic pattern	000-000 000-004 005-040 041-112 113-119 120-185 186-189 190-255	The small white The big white light Dynamic figure switch GIF toggle and jiggle (slow to fast) The big white light Forward flowing water (from fast to slow) stop Reverse flow water (slow to fast)

3. Installation of lamps and lanterns

Clamps installation
The fixture can be placed on the stage or mounted on the truss facing any direction. Attach the clamps to the mounting position on the base of the fixture.

Warning
Use two clamps when mounting the fixture. Turn the screws attached to each clamp a 1/4 turn clockwise to lock. Always remember to use the safety cable which goes through the mounting hole on the base. Do not attach the safety cable on the handle.

Device installation
1.Make sure there is no damage on the clamps or safety cables before installation.
2.The clamp is mounted on the chassis of the fixture. Horizontally insert the clamp into the mounting holes of the chassis. Fasten the clamp tightly by a 1/4 turn clockwise. Fix another clamp in the same way.
3.Check if pan and tilt are unlocked before connecting the unit to AC power.
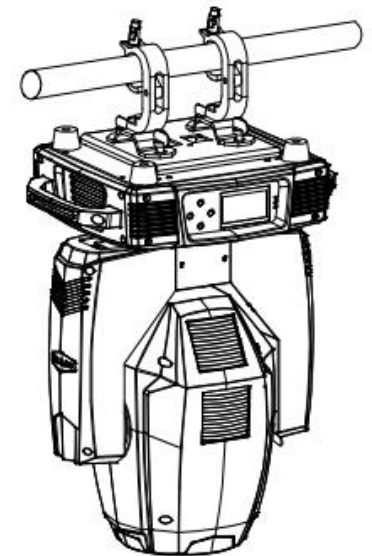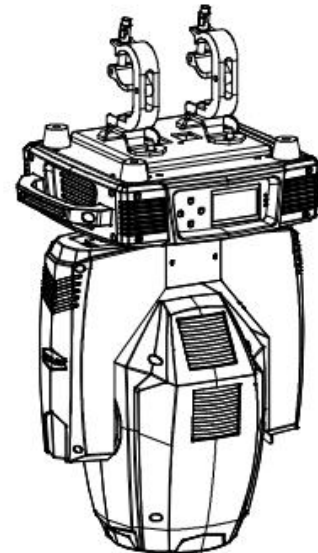
4. System information

Options		Instructions
System version	Display board	Display board software version
	XY plate	XY Board sofware version
	Focusing plate	Motor board software version
The temperature information		According to the temperature
Fan information		Blower speed
The system time	Total light bubble	Cumulative brightening time (accurate to minutes)
	The bright bubble	Time of this lightening (accurate to minutes)
	Total service time	Total usage time (accurate to minutes)
	This time of use	Use time since the star of this time (accurate to minutes)
	Manufature date	
	The access time	9999 means no encryption and can be used for a long time. Other values represent the remaining use time, with encryption
Sensor monitoring	X hall	0 when magnetic is detected, I otherwise
	Y hall	0 when magnetic is detected, I otherwise
	Colore disc hall	0 when magnetic is detected, I otherwise
	Pattern plate	0 when magnetic is detected, I otherwise
	Dynamic figure hall	0 when magnetic is detected, I otherwise
	Gifs rotate hall	0 when magnetic is detected, I otherwise
	Prism 1 Hall	0 when magnetic is detected, I otherwise
	Prism 2 Hall	0 when magnetic is detected, I otherwise
	Prism 1 Rotate Hall	0 when magnetic is detected, I otherwise
	Prism 2 Rotate Hall	0 when magnetic is detected, I otherwise
	X encodes the disk status	2 digits, each corresponding to a photoelestric switch on the coding disk
	Y encodes the disk status	2 digits, each corresponding to a photoelestric switch on the coding disk
System error		If the red ERR indicator light shines, it indicates that the lamp is running incorrectly, and the details can be viewed from this sub-interface. After viewing, you can press the " clean" key to clear the error record
DMX channel value monitoring		This leads to a subscreen that displays the channel values in numerical values and percentages for viewing

5.Light fixture setup

Options		Instructions
DMX channel	19 CH	19 Channel mode
The lgith bulb	guan	Shut down the light bulb
	open	Open the light bulb
Switch on light	guan	It won't automatically brighten when turned on
	open	The driver wll light up automatically
Language	Chinese	Set to Chinese interface
	English	Set the interface to English
Screen rotation	guan	Positive display
	open	The screen is displayed in reverse
Screen auto-flip	guan	Turn off the auto flip feature
	open	Gravity sensing auto flip
RDM function	guan	Turn on the RDM function
	open	Turn off the RDM function
DMX signal	keep	Continue running as it was
	reset	Return the motor and stop running
Screen saver	guan	Close the screen saver
	open	Open the screen saver
X inversion	guan	The default
	open	Start and finish points switched
Y inversion	guan	The default
	open	Start and finish points switched
XY exchange	guan	The default
	open	Exchange channels for XY axes (including fine turning)
XY encoder	open	Use the encoder (optocoupler) to judge out of step and automatically correct the position
	guan	Correct the position without using the encoder (optocoupler)
Restore default Settings		Press "OK" to see the confirmation dialog box, press "OK" again to restore the default Settings