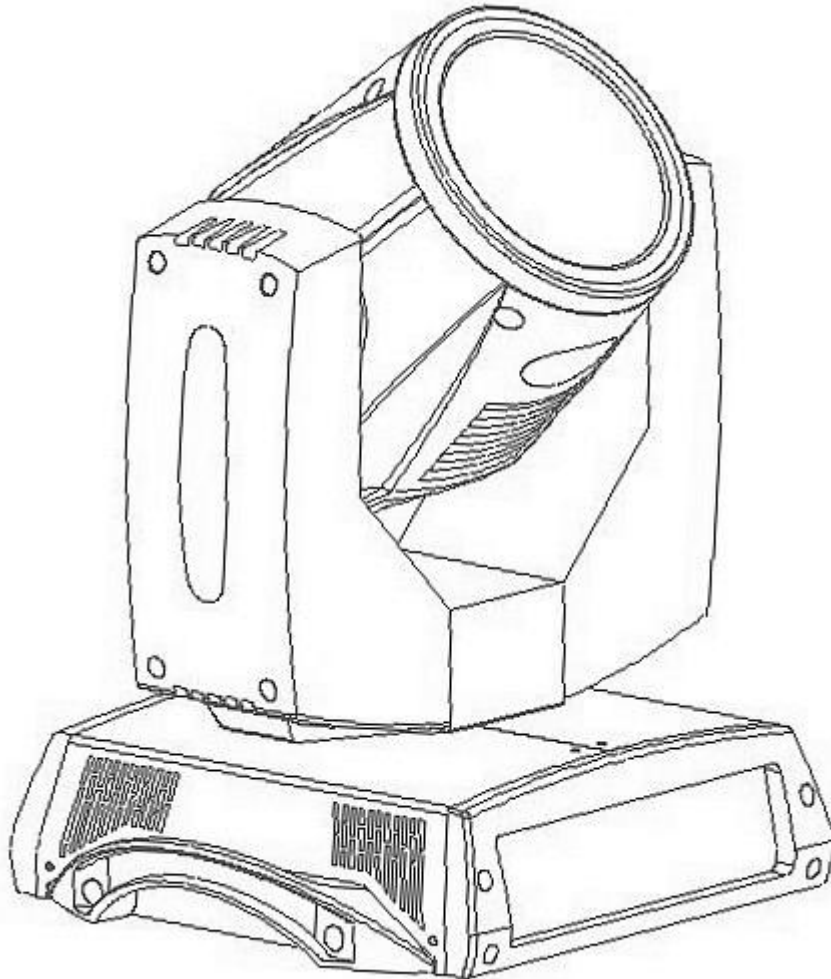# 7R BEAM 230 Moving Head

USER MANUAL

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KEEP THIS MANUAL FOR FUTURE NEEDS

Product Introduction：

The device has the advantage of fashionable outline, compact size and light in weight. It adopts one high power lamp as lighting source, with strong points of high brightness, long operation lifetime and low power consumption. It can realize the effect of gradually drawing, strobe ,brightness adjustable and so on.

Unpacking:

Open the package and go through the device to see if any damage caused on the way of transportation. Before turning it on, be sure that the device is safe and there are no exposed wires. Please make sure that the mains voltage within scope manual show otherwise you can greatly reduce the lifespan of the Lamp's. Any mis-use or damage will void our warranty.

Product Introduction:

· Lighting source:7R Osram or Philips UHP lamp

· Channel: 16/20 Channels

· Pan Scan: 540°(16bit high-precision scan) Electronic error correction

· Tilt Scan: 270°(16bit high-precision scan) Electronic error correction

· Dot matrix display, 4 light touch switches, 180° reverse display

· Color Gobo: One color gobo, each color gobo is made of 14pcs of color chips.

· Pattern Gobo: 17 kinds of effect

· Effect Wheel: One reverse octagonal, moving effect, Atomization function

· 0—100% dimming by machine, stand by mechanical strobe and speed adjustable effect. Stand by macro strobe function

· Lens group of optical system, electric focus, angle 0～4°

· Thermal protection

· Voltage：100-240V/50-60Hz

· Power consumption: 350W

· IP Protection grade：IP20

· Magnetic ballast，AC/DC on/off switch

· Measurement: 430（L）×430（W）×560（H）mm

· Net Weight: 17.8KG

1.1. Settings Interface

option		Description
running mode	DMX	Slave Status: receiving a signal from DMX console or host
	Auto matic	Master Status: run automatically, and sends a signal to the slave DMX Note: If the lamp is extinguished before,light bulb won't on automatically . If you need to observe lighting effects, please make the lamp on then re-enter the auto state.
DMX address	1~512	Press "OK" button to enter the edit mode. At this point is to select one hundred and press "up" "down" key to change the address code. Press the "OK" button again to select decade editing. Press again the "OK" button to select a digit to edit. Press again to exit edit mode
Channel mode	16	17 ~ 20 channel is invalid
	20	17 ~ 20 channel control speed (see channel table)
X reversal	off	
	on	
Y reversal	off	
	on	
XY change	off	
	on	Change XY channels (including fine-tuning)
XY encoder	on	Using encoder (light coupling) judging out-of-step and automatically correct the position.
	off	Do not use the encoder (light coupling) to correct position
No DMX signal	Keep	According to the original state continues to run
	reset	The motor return, stop running
Screen saver	on	Close the backlit idle for 30 seconds
	off	Backlit is on forever
Lamp on	off	Direct reset with power,the lamp is off（Need to use the menu or controller to manually make the lamp on)

	on	The lamp is on automatically with power,and start to reset until lamp on successfully.
Restore Default Settings		Click "ok" button you will see a confirmation dialog, press the "ok" key again to restore the default Settings

1.2. Information Interface

option	Description
Software version	The current software version
A total of time	Cumulative time (accurate to minutes)
The use of time	The time of use since boot since time (accurate to minute)
DMX channel value	Thus entered the sub-interface to display the channel values and percentage values for viewing
System error record	If the red ERR indicator lights, indicating lamps run error,,thus you can enter the sub-screen to view the details. When you are finished press the "OK" button to clear the error record. **Note: Sometimes the problem is not really install problem of optocoupler or Hall, but the motor lines reversed.**

1.3. Manual control interface

This interface is used to control the current lighting, is neither slave state (does not receive DMX signal), does not belong to the master state (do not send DMX signal).

Option		Description
Reset		Press "OK" after seeing the confirmation dialog , click "OK" to enter the reset interface, all motor reset again
Color wheel	0~255	Press "OK" button to enter the edit mode. At this point is to select one hundred and press "up" "down" key to change the channel value. Press the "OK" button to select decade editing. Press the "OK" button to select a digit to edit. Press again to exit edit mode
……	0~255	
Gobo wheel speed	0~255	
Lamp control	on	
	off	

1.4. Channel Introduction:

CHANNEL	CHANNEL MODE	
	16	20
1	COLOUR WHEEL	COLOUR WHEEL
2	STOP/STROBE	STOP/STROBE
3	DIMMER	DIMMER
4	GOBO WHEEL	GOBO WHEEL
5	PRISM INSERTION	PRISM INSERTION
6	PRISM ROTATION	PRISM ROTATION
7	EMPTY	EMPTY
8	FROST	FROST
9	FOCUS	FOCUS
10	PAN	PAN
11	PAN FINE	PAN FINE
12	TILT	TILT
13	TILT FINE	TILT FINE
14	MACRO EFFECT	MACRO EFFECT
15	RESET	RESET
16	LAMP CONTROL	LAMP CONTROL
17		PAN-TILT SPEED
18		COLOUR WHEEL SPEED
19		DIMMER-PRISM-FROST SPEED
20		GOBO WHEEL SPEED

REMARK

The product has perfect performance and intergrity packing. All users should be strictly comply with the warning and operating instructions as stated. Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty. Any fault or problem caused by neglecting the manual is also not in the charge of dealers.