



7R BEAM 230



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1.General information

1. Congratulations, you have just purchased one of the most reliable beam light on the market today.
2. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

Notice:

As part of our ongoing commitment to continuous products update, our company will keep the right to improve this products, the information in this menu may be changed in the future, the company reserve the right to change the data without any advises.

Unpacking:

- 1) Thank you for purchasing our company products. Every product has been thoroughly tested and has been shipped in perfect operating condition.
- 2) Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for damage and be sure all accessories necessary to operate the fixture have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions.

3) Inside the box you should find: the 230W Beam, clamp, a power cable, and this user manual.

2. Safety instructions

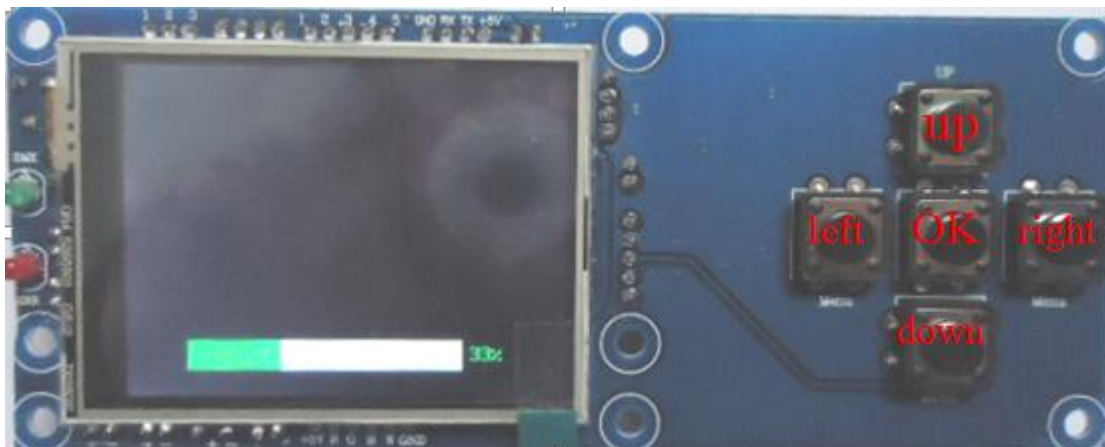
Notice: To guarantee proper and consistent operation, it is important to follow the guidelines in this manual. Our company will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.

- 1) Please check the voltage, frequency data of power supply system is suitable for the mentioned on the beam light . Please do avoid the different voltage between them and burn the beam light.
- 2) Do not attempt to operate this fixture if the power cord has become damaged or frayed.
- 3) Never open this fixture while in use.
- 4) Never look directly into the light source. You risk injury to your retina, which may induce blindness.
- 5) Please be aware that damages caused by modifications to the device are not subject to Warranty.

3. Performance trait and skill specifications

1. Light source: 7R lamp
2. Channel mode: 20DMX Channel Mode(default) / 16DMX Channel Mode
3. Horizontal scan: 540 degree(16 BIT precision scan) Electronic error correction
4. Vertical scanning: 270 degree(16 BIT precision scan) scanning electronic error correction
5. Beautiful dot matrix display, four light touch switch, can reverse 180 degrees display
6. Color wheel: 1 color wheel plate, each color plate is made of 14 color piece
7. Gobos wheel: 17 gobos
8. Effect wheel: a rotation eight prism, effect remove, frost effect
9. 0-100% mechanical dimmer, support mechanical stroboscopic and can speed stroboscopic effects, support frequency macro function Beam angle: 0-4degree
10. Overheating protection
11. Voltage: 100-220V,50/60hz
12. Power: 350W
13. IP rating: IP 20
14. Inductance rectifier and AC/DC inductance rectifier
15. Flight case size: 76X46X70CM (2IN1)
16. Net weight:17KG/UNIT

4. Display Keys



1. The function of the "left" and "right" button is the same: to return to previous interface
 2. "Up" and "down" button function: selection and editing
 3. "OK" button: execute function / start editing / exit editing
- MENU:** to enter MENU option

DOWN: to latter option

UP: to previous option

ENTER: to confirm the selected function

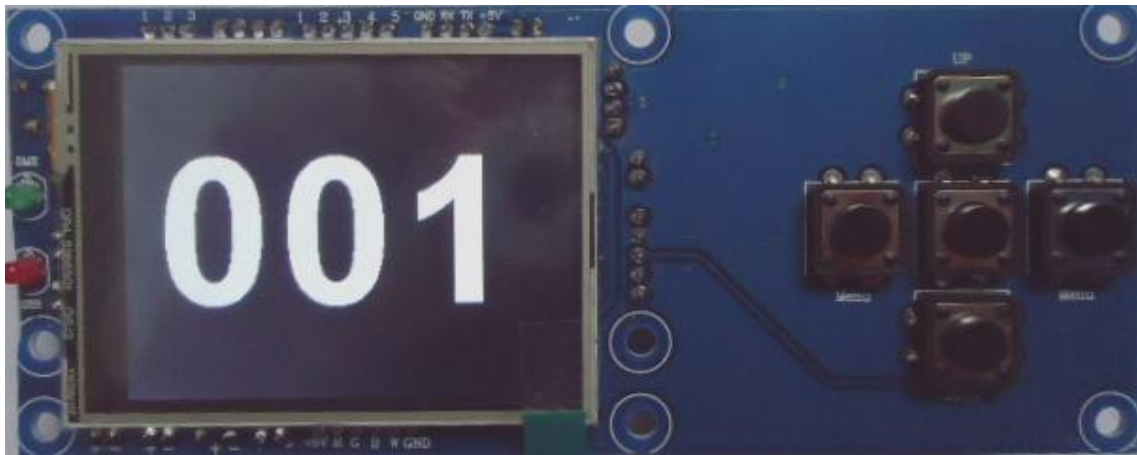
With the modified DMX address below as an example, it's about the use of keys:

- 1.if the current interface is not the main interface, press the "left" key (once or more), then it can be returned to the main interface
- 2.In the main interface, press "up" or "down" key to select "Settings" function
- 3.Press the "OK" key, enter the "Settings" interface
- 4.In the "Settings" interface, press "up" or "down" key to select "DMX address"
- 5.Press "OK" button to enter editing state
- 6.Press "up" or "down" button to modify DMX address code
- 7.Press the "OK" key to exit the editing state

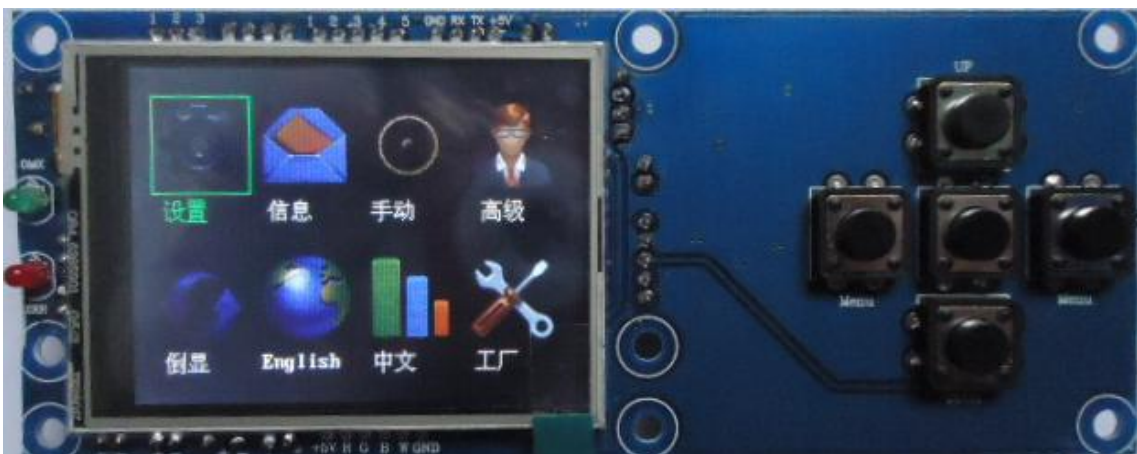
If using a touch screen, the process is more convenient:

- 1.In the main interface, touch the "set" button, enter the "Settings" interface
2. 4 to 7 are same as previous (both physical buttons can also be used to touch keys).

The main interface



Setting interface



OPTIONS	INSTRUCTIONS	
The operation mode	DMX	Slave machine status: receive DMX signal from the controller or master machine
	Automatic	Host: run automatically, and send the DMX signal to slave machine

	Voice control	Receive external sound or vibration then run the built-in program effect
DMX address	1-512	Press "OK" button to enter editing state. Press "up" and "down" to change the DMX address.
The channel model	16DMX Channel Mode	17-20 channel is invalid
	20DMX Channel Mode	17-20 channel control speed
X inversion	Turn off	
	Turn on	
Y inversion	Turn off	
	Turn on	
XY encoder	Turn off	Do not use the encoder (light sensor) to correct the position
	Turn on	Use encoder (light sensor) judging out-of-step and correct position automatically
No DMX signal	Keep	According to the original state continues to run
	Reset	The motor reset, stop running
The screen saver	Turn on	Close the backlit after idle 30 seconds
	Turn off	Keep backlit
Switch on light bubble	Turn on	When turn on the beam light, the lamp will light up automatically
	Turn off	When turn on the beam light, the lamp will not light up automatically
Restore the default Settings	no	
	yes	Press "ok" to restore the default setting

5.DMX Channel

Mode 1: 16DMX Channel

NO	CHANNEL	DMX VALUE	DESCRIPTION
1	COLOUR WHEEL	0-255	Change color
2	STOP / STROBE	0-255	Strobe function
3	DIMMER	0-255	Dimmer function
4	STATIC GOBO CHANGE	0-255	Change gobo
5	PRISM INSERTION	0-255	Prism insertion function
6	PRISM ROTATION	0-255	Prism rotation function
7	EFFECTS MOVEMENT	0-255	Effect
8	FROST	0-255	Frost function
9	FOCUS	0-255	Focus function
10	PAN	0-255	Pan movement from 0 ° to 540°
11	PAN FINE	0-255	1.2° fine
12	TILT	0-255	Tilt movement from 0 ° to 280°
13	TILT FINE	0-255	1.2° fine
14	FUNCTION	0-255	function
15	RESET	0-255	Reset the light
16	LAMP CONTROL	0-255	Lamp on/off

Mode 2 : 20DMX Channel

NO	CHANNEL	DMX VALUE	DESCRIPTION
1	COLOUR WHEEL	0-255	Change color
2	STOP / STROBE	0-255	Strobe function
3	DIMMER	0-255	Dimmer function
4	STATIC GOBO CHANGE	0-255	Change gobo
5	PRISM INSERTION	0-255	Prism insertion function
6	PRISM ROTATION	0-255	Prism rotation function
7	EFFECTS MOVEMENT	0-255	Effect
8	FROST	0-255	Frost function
9	FOCUS	0-255	Focus function
10	PAN	0-255	Pan movement from 0 ° to 540°
11	PAN FINE	0-255	1.2° fine
12	TILT	0-255	Tilt movement from 0 ° to 280°
13	TILT FINE	0-255	1.2° fine
14	FUNCTION	0-255	function
15	RESET	0-255	Reset the light
16	LAMP CONTROL	0-255	Lamp on/off
17	PAN-TILT TIME	0-255	
18	COLOUR TIME	0-255	
19	BEAM TIME	0-255	
20	GOBO TIME	0-255	

6.Cleaning and maintenance

- 1.It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture.
- 2.Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life.
- 3.A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!