Beam 230W Instructions

Thank you for using our products ,In order to you is safe and effective use of this product ,Before you use this product, Please read this user's manual carefully in full. This specification includes :The performance of the product is and how to safely install, and use of important information, please properly keep, in order to use as a reference. When installing and using relevant instructions must be strictly observed.

1.Technical parameters:

Power supply: AC100V-240v

Frequency: 50 Hz - 60 Hz

Total power: 400 w

Fuse: 10 A

Ballast, electronic ballast

The bulb power: 230 w

Color temperature: 8500 k

Control signal: international standard DMX512

The light body color: black

Protection grade: IP20

Weight:17 KG

2.Function description:

1. The international standard control signal: DMX512.

2. The number of tong: 16 channel.

3.. The number of motor: a total of 11 mute motor.

4. 650000 touch the TFT color LCD interface, easy operation, interface aesthetics, reverse display interface can be 180 degrees.

5. The X axis rotate for 540 ℃, the Y axis vertical rotation of 270 ℃, with automatic correction.

6. X, Y axis can reconcile the micro, running software correction positioning function, high precision.

7. The dimming: 0-100% linear adjustment.

8. Stroboscopic: double chip stroboscopic (0.5-9 times/SEC), completely linear dimming and variable stroboscopic speed.

9. Color wheel: with 14 kinds of color + blank (can create sharp air beam effect)

10. Pattern wheel: with a 17 fixed pattern piece + blank (let you quickly change the beam shape)

11. A prism: rotating eight prism, can be bi-directional rotation, rotation speed is adjustable, making a richer pattern projection effect

12. Itemization: soft light effect, the design of soft dream effect.

13. Focus: adopting the combination of three groups of optical lens effect is much better than the beam of light, usually can reflects the pattern of hid

14. The beam Angle: parallel beam Angle: 0-3.8

15. Overheating intelligent protection

16. Smart bulb switch control, prolong the service life of the bulb)

3.Notes:

In order to ensure the correct use of lamps and lanterns of your safety, please before use, carefully read the following safety tips, lest produce unnecessary malfunction and damage.

1. Non-specialists, do not do STH without authorization remove the lamps and lanterns and lamps and lanterns of accessories.

2. The AC power supply: home to check the power supply is in line with the product rated voltage requirements.

3. The lamps and lanterns is according to the type of electric shock protection design, lamps and lanterns should be used with sufficient power supply system grounding, and lamps and lanterns of the ground wire must be connected to the ground of the power supply system. Do not use insulation damaged power cord, at the same time, do not use the power cord overlap on the other wire.

4. When installation location and lamps and lanterns, any point on the surface of lamps and lanterns and any easy to burn the explosive keep minimum distance of 10 meters, 2.5 meters from irradiation distance, please don't directly installed in the lamp to burn the material surface.

5. Using the environment temperature of lamps and lanterns: - 10 + 40 degrees), the highest surface temperature of 80 degrees, lamps and lanterns of lamps and lanterns to stay away from liquid substances and damp environment.

6. Before you use the lamps and lanterns must ensure the grounding of lamps and lanterns is good, not charged to install and remove any parts of lamps and lanterns.

7. Install lamps and lanterns, fixed screw must be tightened, and with addition of safety line, and check regularly.

8. Lamps and lanterns of continuous work time and not more than 10 hours, lamps and lanterns of consecutive start time interval should be not less than 10 points. Otherwise it will not trigger properly because of the light bulb overheating protection.

9. In use process, such as abnormal lamps and lanterns should stop using the lamps and lanterns in a timely manner.

10. The service life of the bulb to achieve the rated should change in time, can appear otherwise blow bubble of dangerous accidents.

11. Lamps and lanterns of rotational parts and paste accessories must be inspected regularly, become loose, rock reinforcement in time, in case of an accident.

12. The lamps and lanterns USES is strong wind cooling, accumulate dirt easily, must per month on a clean, especially cooling Gruyere, otherwise you'll be in a dust jam, lead to bad heat dissipation, the lamps and lanterns is abnormal.

4.Menu function

4.1. Set the interface

options		instructions
The operation mode	DMX	From the machine status: receiving DMX signal from the controller or host
	automatic	Host: run automatically, and send the DMXD signal from machine
	Voice control	Receiving external sound or vibration, run the built-in application effect
DMX address	1-512	Press "OK" button to enter edit state. At this point is selected to one hundred, according to the "up" "down" Key change address code. Press the "OK" button once again and selected 10 editing. Press again "OK" button to select bits editor. Then exit the editor state at a time.
The channel model	16	17-20 channel is invalid
	20	17-20 channel control speed (see channel table)
X inversion	close	
	open	
Y inversion	close	
	open	
XY The encoder	close	Do not use the encoder (light coupling) correct position
	op	Using encoder (light coupling) judging out-of-step and automatically correct

		position
No DMX signal	keep	According to the original state continues to run
	reset	The motor return, stop running
The screen saver	open	Close the backlit idle for 30 seconds
	Close	Keep the background bright
Switch on light bubble	open	When start the lamps and lanterns, lamp light up automatically
	close	Start the lamps and lanterns, the bulb is not bright
Restore the default Settings	no	
	yes	Press "ok" is to restore the default Settings

4.2. Information interface

options	instructions
A total of time	Cumulative time (accurate to minutes)
The use of time	The use of this boot since time (down to minute)
Total light soaking time	Total light bubble time (accurate to minutes)
The light soaking time	The light of this boot since bubble time (down to minute)
DMX channel value	In the condition of DMX, showing all channels of value (number), thus the child into the interface, display as a percentage value and channel value for viewing
System error record	If red ERR lights shine, then failed to reset run out of step, can enter child interface for details. After the view can press "ok" the error record to empty

4.3.Manual control interface

This interface is used to control the current lamps and lanterns, neither belongs to the state machine from machine shape (not receiving DMX signal) also does not belong to the host shape (not send DMX signal)

options		instructions
reset		Click "ok" button after see confirmation dialog, press the "ok" key once again, after carry into the interface, reset all motor
The light bulb control	open	
	close	
The color wheel	0-255	Press "ok" button to enter edit state. At this point is selected, click on "next" button to change channels values, press the "ok" button once again and exit the editor.

4.4. Advanced interface

To enter the show advanced interface, please enter the password: XXXXXX. Specific operation process: press the up and down key to choose Numbers (a *) at a time. Password input after fully, finally press the "ok" key password authentication.

options		instructions
The biggest bright time	0-9999	Can be set up on time
Encryption scheme	close	
	number	Can be set up the use of lamps and lanterns
	time	Can install the use time of lamps and lanterns
Encryption parameters (frequency/time)	0-9999	After the encryption mode to open the work. Can be set up the use of lamps and lanterns (number/time)

4.5. Thou hast interface

Click "ok" button, the interface inversion can be 180 degree show.

4.6. English interface

Click "ok" button, the interface, switch to English mode.

4.7. Chinese interface

Click "ok" button, the interface, switch to the Chinese model.

4.8. The factory interface

Enter the factory interface, display, please enter the password: XXXXXX. Specific operation process: press the up and down key to choose Numbers (a *) at a time. Password input after fully, finally press the "OK" (OK) key password authentication.

options		Instructions
Reset the calibration (fine)	0-255	X calibration
	0-255	Y calibration
	0-255	The dimming calibration
	0-255	Color wheel alignment
	0-255	Pattern plate of the calibration
	0-255	Focusing calibration
	0-255	Prism calibration
	0-255	Fog lens calibration
Channel Settings		Can be set up channel switch
Screen saver mode	Pattern 1	According to address code
	Pattern 2	According to factory LOGO
	Pattern 3	No display (reserve)
Bright time reset	NO	
	YES	

5.Channel mode:

16 DMX Channels Description:			
Channel	Function	Data	Function Description
CH1	Color Wheel	0-4	White
		5-8	White, red
		9-13	Red
		14-17	Red, yellow
		18-22	Yellow
		23-26	Yellow, blue
		27-30	Blue
		31-35	Blue, green
		36-39	Green
		40-44	Green, deep yellow
		45-48	Deep yellow
		49-53	Deep yellow, magenta
		54-57	magenta
		58-61	magenta, UV
		62-66	UV

		67-70	UV, CTO
		71-75	CTO
		76-79	CTO, yellow green
		80-83	Yellow green
		84-88	Yellow green, brown yellow
		89-92	Brown yellow
		93-97	Brown yellow, cyan
		98-101	Cyan
		102-106	Cyan, amaranth
		107-110	Amaranth
		111-114	Amaranth, light bluish violet
		115-119	Light bluish violet
		120-123	Light bluish violet, CTB
		124-127	CTB
		128-189	Clockwise rotate, from fast to slow
		190-193	Stop
		194-255	Anti-clockwise rotate, from slow to fast
CH2	Strobe	0-7	No brightness
		8-15	Open
		16-200	From slow to fast
		201-255	Open
CH3	Dimmer	0-255	From dark to bright
CH4	Gobo Wheel	0-3	white
		4-6	Gobo1
		7-9	Gobo2
		10-12	Gobo3
		13-15	Gobo4
		16-18	Gobo5
		19-21	Gobo6
		22-24	Gobo7
		25-27	Gobo8
		28-30	Gobo9
		31-33	Gobo10
		34-36	Gobo11
		37-39	Gobo12
		40-42	Gobo13
		43-45	Gobo14
		46-48	Gobo15
		49-51	Gobo16
		52-55	Gobo17
		56-59	white shaking
		60-63	Gobo1 shaking(slow-fast)
		64-67	Gobo2 shaking(slow-fast)

		68-71	Gobo3 shaking(slow-fast)
		72-75	Gobo4 shaking(slow-fast)
		76-79	Gobo5 shaking(slow-fast)
		80-83	Gobo6 shaking(slow-fast)
		84-87	Gobo7 shaking(slow-fast)
		88-91	Gobo8 shaking(slow-fast)
		92-95	Gobo9 shaking(slow-fast)
		96-99	Gobo10 shaking(slow-fast)
		100-103	Gobo11 shaking(slow-fast)
		104-107	Gobo12 shaking(slow-fast)
		108-111	Gobo13 shaking(slow-fast)
		112-115	Gobo14 shaking(slow-fast)
		116-119	Gobo15 shaking(slow-fast)
		120-123	Gobo16 shaking(slow-fast)
		124-127	Gobo17 shaking(slow-fast)
		128-189	Clockwise rotate, from fast to slow
		190-193	Stop
		194-255	Anti-clockwise rotate, from fast to slow
CH5	Prism	0-10	NO function
		11-255	prism
CH6	Prism Rotation	0-7	NO function
		8-127	Index
		128-189	Anti-clockwise rotate, from fast to slow
		190-193	Stop
		194-255	Clockwise rotate, from slow to fast
CH7	Macro Function	0-255	Pan/tilt macro
CH8	Frost	0-255	Frost(change colorful wheel)
CH9	Focus	0-255	Focus
CH10	Pan	0-255	Rotate 450 degrees
CH11	Pan Fine	0-255	0-2.1degrees
CH12	Tilt	0-255	Rotate 270 degrees
CH13	Tilt Fine	0-255	0-1.0 degrees
CH14	Pan/Tilt Speed	0-255	From fast to slow
CH15	Reset	0-50	NO function
		51-100	Renew factory
		101-255	NO function
CH16	Lamp Off/Lamp on	0-50	NO function
		51-100	Lamp on
		101-150	Lamp off
		151-255	NO function