295W BEAM

12R SHARPY

Manual

（**Please read the instructions carefully before using the product** ）

Thank you for choosing our 295W beam light. In order to use this product correctly and safely, please read the instruction carefully before installing and using this product.

This product is designed and produced in strict accordance with CE standards. It conforms to the international standard DMX512 signal protocol. It can be used alone or online. It has the characteristics of fast rotation, low noise and powerful functions. It is suitable for small and medium-sized concerts, theaters, Studios, nightclubs and bars and other places.

This product is a complete product before leaving the factory. In order to maintain the

product in good condition and ensure safe operation, users should follow the safety precautions and warnings in this manual.

Important: Damage caused by failure to follow these instructions is not covered by the warranty. The supplier is not responsible for product problems arising therefrom.

If the product has been exposed to an extremely unstable temperature environment (such as after transportation), please do not plug in the product immediately, because water drops due to temperature changes may damage the product. Please use it after the product returns to normal temperature.

This product can be used in the voltage range of 90-240V, and it is a product for indoor use. Please make sure that the ground voltage used is not higher than the range that the product can withstand! ! The power plug must be inserted into a well-protected class I socket. The green or teal conductor must be grounded.

DMX512 signal cable connect

This light uses the DMX512 signal control mode. The control signals of each light are connected in parallel. When connecting multiple light signals, it is best to use a double-core shielded cable. When connecting, each light passes through the DMX signal jack on the lamp (XLR socket) INPUT (input) and OUTPUT (output) are connected, and the 3-core XLR plug terminals of the signal line connected to the lamp must correspond to each other. When connecting the signal of the lamp, it is recommended to use a DMX signal terminator. It can be avoided. If the sound causes damage to the control signal, the DMX signal terminator is to connect a 120 ohm 1W resistor between pin 2 and pin 3 of an XLR plug, and connect it to the OUTPUT (output) jack of the last light.

Calculation method of starting address code of lights:

The starting address code of the current light is equal to (the starting address code of the previous light) + (the number of channels of the light) Explanation:

1: The initial address code value of the first lamp is A001.

2: The number of basic channels of the controller should be greater than or equal to the total number of channels used by the lights.

3: Note: When using any controller, each light must have its own initial address code, if the initial address code of the first light is set to A001, and the channel number of lights is 16CH; then The start address code of the second light is set to A017; the start address code of the third light is set to A033; and so on, (this setting method also needs to be determined according to different consoles).

Lighting Installation Instructions:

The light can be placed horizontally, hung obliquely or upside down, and the installation method must be paid attention to when hanging obliquely or upside down. Fixed installation of the luminaire: before positioning the luminaire, ensure the stability of the installation site. Do not drop the lamps on the support frame, use a safety rope to pass through the support frame and the handle of the lamp, and carry out auxiliary hanging; to ensure safety. Prevent the lamp from falling and sliding. Whether the rope is worn, whether the hook screw is loose, if the hanging installation is not stable, resulting in all the consequences of the lamp falling, the manufacturer will not bear any responsibility.

●Menu Description

Main Menu	secondary menu	parameter
Address	001 – 512	（ Add channel number each time, subtract normal ）
System setting	Operating mode	DMX/sound control/self-propelled
	Channels mode	18CH
	X axis default position	0-255
	Y axis default position	0-255
	X axis inversion	open/off
	Y axis inversion	open/off
	XY axis exchange	open/off
	Signal keep	open/off
	Color changes linearly	open/off
	Optocoupler error correction	open/off
	Hall Error Correction	open/off
	backlight time	15S/30S/60S/always on
	screen flip	normal/reverse/auto
	Language	Chinese/EN
	Synchronization Update	open/off
	Reset	Confirm / Cancel
Manual mode	current channel mode channel	0-255
system calibration	Enter password	Light calibration
Bulb	Turn on the light	open/off
	Manual light up	open/off
	Half power	open/off

	Clear record	**confirm/cancel**
	Up light time	
	Up light times	
System reset	**Head reset**	
	XY reset	
	All reset	
System information	**Reset error information**	**Display reset error information**
	DMX data monitoring	**Receive the channel value of the console**
	Sensor information	**Hall information**
		X Optocoupler information
		Y Optocoupler information
	Hardware version	**Display hardware version**
	Software version	**Display software version**
	Use time	**Display light use time**

➢ **Reset**

Press the "Up" and "Down" keys to switch the reset mode, and press "OK" to reset directly.

Options	Description
Head reset	**Motor reset for effects other than XY**
XY reset	**XY axis reset**
All reset	**Light reset**

➢ **System information**

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Options	Description
Reset information	**If the red ERR indicator is on, it means that the lamp is running incorrectly, and you can enter the sub-interface to view the details**
DMX data monitoring	**Enter the sub-interface to display the channel value in numerical value for viewing**
Sensor information	**Real-time monitoring of the status of sensors such as optocouplers and Halls on the light**
hardware version	**Light hardware information**

number	
Software version number	Light software version
Used time	Display light used time

●Channels Table

Channels	Channel value	Channel mode
		18
1	0-255	Color wheel
2	0-255	Cut light/strobe
3	0-255	Dimming
4	0-255	Gobo plate
5	0-255	Prism 1
6	0-255	Prism rotation 1
7	0-255	Prism 2
8	0-255	Prism rotation 2
9	0-255	Zoom
10	0-255	X
11	0-255	X fine-tuning
12	0-255	Y
13	0-255	Y fine-tuning
14	0-255	XY speed
15	0-255	Frost
16	0-255	Rainbow color
17	0-255	00-105 off bulb 200-205 open bulb
18	0-255	250-255 Reset

Channel parameters (full version):

Channel value	Function	Value	Description
CH1	Color	0-4	White
		5-9	White+color 1
		10-14	Color 1
		15-19	Color 1 + color 2
		20-24	Color 2
		25-29	Color 2 + color 3

		30-34	Color 3
		35-39	Color 3 + color 4
		40-44	Color 4
		45-49	Color 4 + color 5
		50-54	Color 5
		55-59	Color 5 + color 6
		60-64	Color 6
		65-69	Color 6 + color 7
		70-74	Color 7
		75-79	Color 7 + color 8
		80-84	Color 8
		85-89	Color 8 + color 9
		90-94	Color 9
		95-99	Color 9 + color 10
		100-104	Color 10
		105-109	Color 10 + color 11
		110-114	Color 11
		115-119	Color 11 + color 12
		120-124	Color 12
		125-129	Color 12 + color 13
		130-134	Color 13
		135-139	Color 13 + white
		140-199	Forward water flow (from fast to slow)
		200-255	Reverse flow (from slow to fast)
CH2	Strobe	0-3	Off light
		4-100	Synchronous strobe
		101-150	bisect strobe
		151-200	Strobe
		201-250	Random strobe
		251-255	Open light
CH3	Dimming	0-255	0-100%　dimming
CH4	Gobos	0-4	White
		45055	Gobo 1
		45213	Gobo 2
		15-19	Gobo 3
		20-24	Gobo 4
		25-29	Gobo 5
		30-34	Gobo 6
		35-39	Gobo 7
		40-44	Gobo 8

		45-49	Gobo 9
		50-54	Gobo 10
		55-59	Gobo 11
		60-64	Gobo 12
		65-69	Gobo 13
		70-125	forward flow from fast to slow
		126-130	Stop
		131-190	reverse flow from slow to fast
		191-195	Jitter gobo 1 from slow to fast
		196-200	Jitter gobo 2 from slow to fast
		201-205	Jitter gobo 3 from slow to fast
		206-210	Jitter gobo 4 from slow to fast
		211-215	Jitter gobo 5 from slow to fast
		216-220	Jitter gobo 6 from slow to fast
		221-225	Jitter gobo 7 from slow to fast
		226-230	Jitter gobo 8 from slow to fast
		231-235	Jitter gobo 9 from slow to fast
		236-240	Jitter gobo 10 from slow to fast
		241-245	Jitter gobo 11 from slow to fast
		246-250	Jitter gobo 12 from slow to fast
		251-255	Jitter gobo 13 from slow to fast
CH5	Prism 1	0-127	Remove prism
		128-255	Insert prism 1
CH6	Prism 1 rotation	0-127	0-400 degree
		128-187	forward flow from fast to slow
		188-195	Stop
		196-255	reverse flow from slow to fast
CH7	Prism 2	0-127	Remove prism
		128-255	Insert prism 2
CH8	Prism 2 rotation	0-127	0-400 degree
		128-187	forward flow from fast to slow
		188-195	Stop
		196-255	reverse flow from slow to fast
CH9	Zoom	0-255	From far to near
CH10	X axis	0-255	0-540 degree
CH11	X axis fine-tuning	0-255	0-2 degree
CH12	Y axis	0-255	0-270 degree
CH13	Y axis fine-tuning	0-255	0-1 degree

CH14	XY speed	0-255	From fast to slow
CH15	Frost	0-127	Remove frost
		128-255	Insert frost
CH16	Rainbow color	0-127	Remove rainbow color
		128-255	Insert rainbow color
CH17	Bulb	100-105	Turn off the light bulb for more than 5 seconds
		200-205	Turn on the light bulb for more than 5 seconds
CH18	Reset	230-235	More than 5 seconds effect motor reset
		240-245	The XY motor resets after more than 5 seconds
		250-255	All motors resets after more than 5 seconds

Technical Parameters:
Voltage: AC 110-240V 50/60HZ
Light source: Osram 295W
Channel: 18CH
Color wheel. 13 colors + white. rainbow effect with rotation
Gobos: 13Gobos + white. With swirling gradient effect and Gobo wiggle effect.
Prism: 8+48 honeycomb prism
Flash: 13 times/second, with random pulse strobe function
Dimming: 0-100% linear adjustment
Pan: 540°{scan) 16-bit precision electronic error correction
Tilt: 270 pixels (16bit precision scanning) electronic error correction