User Manual

14x30W 6IN1 LED BAR(CE)

Professional Stage Lighting

1. Specification

Light Source: 14pieces RGBWAUV 6in1 LED COB leds
Dimming 0-100%with regulated constant color control
Strobe: 0~20HZ (any color)
Operation Mode: DMX 512,Master/Slave mode.
DMX control: 2/6/8/11/84/86CH
Input voltage: AC100-240V, 50-60HZ (Power supply switch)
Packing: 4pcs/CTN

2. Operational approach

KEY AND DISPLAY FUNCTIONS

1.1. Key instruction

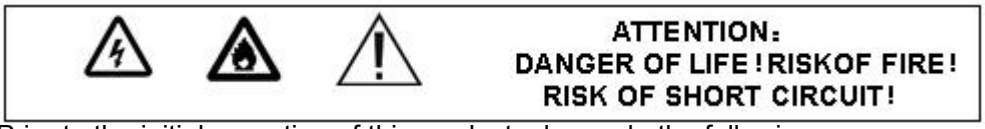
MENU： Table1 function loops add；
UP： function value add；
DOWN： function value decrease；
ENTER： save the setting；

1.2. Display instruction

No.	Show	Value	Function
1	d001	001- 512	DMX512 Address ,2 Channels mode
2	ID01	ID01-ID50	Convenient 42 Channels mode DMX512 Address set： ID1: dmx512 address is 001(42 Channels mode); ID2: dmx512 address is 043(42 Channels mode); .....
3	CL 1	01 - 08	color choices
6	FF99	00 - 99	RGBWAV Strobe,Speed from slow to fast
7	1JP0	0 - 9	Jump effect 01,Speed from slow to fast
8	2JP0	0 - 9	Jump effect 02,Speed from slow to fast
9	3JP0	0 - 9	Jump effect 03,Speed from slow to fast
10	4JP0	0 - 9	Jump effect 04,Speed from slow to fast
11	5JP0	0 - 9	Jump effect 05,Speed from slow to fast
12	6JP0	0 - 9	Jump effect 06,Speed from slow to fast
13	7JP0	0 - 9	Jump effect 07,Speed from slow to fast
14	8JP0	0 - 9	Jump effect 08,Speed from slow to fast
15	9JP0	0 - 9	Loops jump effect 01 to 08
16	1dE0	0 - 9	Red shade effect,Speed from slow to fast
17	2dE0	0 - 9	Green shade effect,Speed from slow to fast
18	3dE0	0 - 9	Blue shade effect,Speed from slow to fast
19	4dE0	0 - 9	Pink shade effect,Speed from slow to fast
20	5dE0	0 - 9	Yellow shade effect,Speed from slow to fast
21	6dE0	0 - 9	Loops red to yellow shade effect ,Speed from slow to fast
22	Sud0	0 - 9	Sound active,Speed from slow to fast
23	CH02	02/06/08/ 11/84/86	DMX channel mode set

3. Notes on safety

Before Operation



Prior to the initial operation of this product, please do the followings

-Read these operating instructions with great care;
-Study and observe all instructions carefully;
-Ensure that everybody and anybody involved in the installation, operation, transport and storage of this product is suitably qualified;
-Verify whether any visible damage was caused during transport .If the power cord. housing or the light are damaged ,do not operate the device; contact your specialized dealer immediately.

3.1 Supply Voltage, Mains Cord and Connection to Mains

The handling of supply voltage ,mains cords and connections to mains calls for particular care considering the risk from a life-threatening electric shock, the risk of fire and the risk of short circuits please observe the following notes in particular:
Products operating on supply voltage should be kept out of the reach of children. Therefore ensure the permanent supervision if children are in the immediate vicinity of the product!
For commercial facilities the regulations on the prevention of accidents of the respective trade association must be observed. The operation of this equipment at schools, training facilities, and yourself-help workshops must be supervised responsibly by trained personnel.

Check the product regularly for any damage to the mains cord! Should you discover any damage to the malns cord, do not operate or disconnect this product! Secure the product against accidental operation and contact your specialized dealer .
Always separate the product from mains by holding the mains plug by the handling surface .Never disconnect by holding the line cord ! Be sure to connect the product exclusively to AC110~127V/59~60Hz!

Always be sure during installation, operation, transport and when storing the product that the mains cord is not exposed to possible mechanical damage, or damage caused by humidity, fluids, heat or cold!

The products cable entry must not be exposed to stress from pull! Create the mains connection once the product has been installed only .Always connect the mains plug last !

The product must only be connected to a proper outlet of the public supply grid .Connect the mains cord to suitable outlets only ! Use extensions cords in compliance with specifications only! Do not allow the mains cord to come into contact with other cords!

Ensure during institution , operation, transport and storage that none of the cables are freely exposed!
Never touch the mains cord ,mains plug and outlet with wet or damp hands !

When not using the product, and to cleaning always disconnect the product from mains! To do so, hold the mains plug by the handling surface and never pull the mains cord!
Never connect the device to dimmer pack!

3.2 Housing

Always ensure during installation, operation, transport and when storing the product that no shocks or other forces impact the housing !

The housing must not touch onto any other devices or objects during operation!

Easily flammable materials, e.g. decoration material and other surfaces and objects, must maintain a minimum distance of 3m to the housing !Walls must maintain a minimum distance of 50cm to the housing! The device must be installed on a fireproof surface only (no carpet)1 Always ensure appropriate circulation of air.

Do not touch the housing during operation it will heat up .The housing is safe to touch approx .5 minutes following the end of operation!

The device must never be carried via the projector ans. Use the carrying handles only !

Fluids must not enter the housing as this could reduce the protective insulation and may trigger short circuits which may lead to fatal electro shocks !If fluid have entered, disconnect the mains plug immediately and secure the product against unintentional operation and contact yours specialized dealer! Damage caused as a result of fluids entering the housing is exempt from warranty .

No metal parts or other items must enter the housing as this may reduce the protective insulation or trigger short circuits which may lead to fatal electric shocks !If metal parts or other items have entered ,disconnect the mains plug immediately, secure the product against unintentional operation and contact your specialized dealer! Damage caused by metal parts or other items in the housing is exempt from warranty.

3. 3 Operating Environment

The product must be operated and stored in a dry environment only !Splash water ,rain, humidity, fog may reduce the protective insulation which may lead to fatal electric shocks! The limit value for relactive humidity is 50% at 45℃.A minimum distance of 1.5m to a fog machine must be observed ;fog saturation in the room must not reduce the visibility to below 10m .

The product must be operated at a temperature range of between -5℃ and 45℃ only. Protect the product against direct exposure to sunlight or other heat, such as from radiators ! If the product is taken from a cold environment into a warm environment it must only be taken into operation once it has reached ambient

temperature, since the condensation created by the difference in temperature may destroy the device!

Protect the product against dust! Dust may reduce the protective insulation, which may cause fatal electric shocks!

The product must be operated at altitudes ranging between 20m below and 3000m above sea level only!

The product must not be operated during thunder storms; risk of destruction from surge voltages!

The product must be operated at a minimum distance of 1.5m to lit objects only!

3.4 Installation

This product can be operated suspended or as stand-alone system.

Should your lighting effect show any signs of damage, do not install the device! In this case, have your lighting effect repaired by your specialized dealer. The manufacturer does not accept responsibility or liability for damage to property or personal injury resulting from an improperly installation!

As a stand-alone system the device must be installed vertically on an absolute planar, firm, fireproof, shock- and vibration-free surface. The installation of this lighting effect must be carried out by trained and professional staff! The installation of this lighting must only be carried out with the appropriate materials!

The suspended installation of this lighting effect necessitates a suitable suspension system! The lighting effect must never be fixed swinging freely in the room. No individuals should linger underneath the lighting effect during suspended installation!

It is a must to install this device with a second independent fixture. Such second fixture must guarantee in the event of failure of the main fixture that no assembly parts will fall down. Use the fixture on the undersurface only.

The light effect unit must be attached via two certified hooks and omega bracket to a tie-bar system. Use the screw threads on the undersurface only.

It must be ensured that an expert inspects the mechanical and safety-relevant installation prior to the initial operation and following major modifications, prior to the renewed operation. It must be ensured that an expert inspects the mechanical and safety-relevant installation at least once a year. It must be ensured that an expert inspects the mechanical installation and the installation of relevance to safety within the framework of an acceptance test at least every four years.

The installation fixture must be as such that it can withstand for a period of 60minutes 10 times the load capacity without harmful deformation.

It is prohibited for any individual to unnecessarily stay or pass beneath the installation during any type of assembly work

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The light effect unit must be secured by a safety arrester cable if fly-mounted. The cable must withstand 12 times the weigh of the light effect unit Use arrester cables equipped with quick closing links. The dropping distance must not exceed 20 cm. Defect arrester cables or arrester cables that have already been exposed to stress must not be used.

4.Operation of controller /Channel list

2CH	Function	Value
CH 1	Built in program	0-255
CH 2	Ch1 speed,from slow to fast	0－255

6CH	Function	Value
CH 1	Red	0—255
CH 2	Green	0—255
CH 3	Blue	0—255
CH 4	White	0—255
CH 5	Amber	0—255
CH 6	UV	0—255

8CH	Function	Value
CH 1	Dimmer	0-255
CH 2	Strobe	0—255
CH 3	Red	0—255
CH 4	Green	0—255
CH 5	Blue	0—255
CH 6	White	0—255
CH 7	Amber	0—255
CH 8	UV	0—255

11CH	Function	Value
CH 1	Dimmer	0—255
CH 2	Strobe	0—255
CH 3	Built in program	0—255
CH 4	CH4 speed	0—255
CH 5	No function	0—255
CH 6	Red	0—255
CH 7	Green	0—255
CH 8	Blue	0—255
CH9	White	0—255
CH10	Amber	0—255
CH11	UV	0—255

84CH	Function	Value
CH1	Red 1	0—255, from dark to bright
CH2	Green 1	0—255, from dark to bright
CH3	Blue 1	0—255, from dark to bright
CH4	White 1	0—255, from dark to bright
CH5	Amber 1	0—255, from dark to bright
CH6	UV 1	0—255, from dark to bright
CH 7	Red 2	0—255, from dark to bright
CH 8	Green 2	0—255, from dark to bright
CH 9	Blue 2	0—255, from dark to bright
CH 10	White 2	0—255, from dark to bright

CH 11	Amber 2	0—255, from dark to bright
CH 12	UV 2	0—255, from dark to bright
CH 13	Red 3	0—255, from dark to bright
CH 14	Green 3	0—255, from dark to bright
CH 15	Blue 3	0—255, from dark to bright
CH 16	White 3	0—255, from dark to bright
CH 17	Amber 3	0—255, from dark to bright
CH 18	UV 3	0—255, from dark to bright
CH 19	Red 4	0—255, from dark to bright
CH 20	Green 4	0—255, from dark to bright
CH 21	Blue 4	0—255, from dark to bright
CH 22	White 4	0—255, from dark to bright
CH 23	Amber 4	0—255, from dark to bright
CH 24	UV 4	0—255, from dark to bright
CH 25	Red 5	0—255, from dark to bright
CH 26	Green 5	0—255, from dark to bright
CH 27	Blue 5	0—255, from dark to bright
CH 28	White 5	0—255, from dark to bright
CH 29	Amber 5	0—255, from dark to bright
CH 30	UV 5	0—255, from dark to bright
CH 31	Red 6	0—255, from dark to bright
CH 32	Green 6	0—255, from dark to bright
CH 33	Blue 6	0—255, from dark to bright
CH 34	White 6	0—255, from dark to bright
CH 35	Amber 6	0—255, from dark to bright
CH 36	UV 6	0—255, from dark to bright
CH 37	Red 7	0—255, from dark to bright
CH 38	Green 7	0—255, from dark to bright
CH 39	Blue 7	0—255, from dark to bright
CH 40	White 7	0—255, from dark to bright
CH 41	Amber 7	0—255, from dark to bright
CH 42	UV 7	0—255, from dark to bright
CH 43	Red 8	0—255, from dark to bright
CH 44	Green 8	0—255, from dark to bright
CH 45	Blue 8	0—255, from dark to bright
CH 46	White 8	0—255, from dark to bright

CH 47	Amber 8	0—255, from dark to bright
CH 48	UV 8	0—255, from dark to bright
CH 49	Red 9	0—255, from dark to bright
CH 50	Green 9	0—255, from dark to bright
CH 51	Blue 9	0—255, from dark to bright
CH 52	White 9	0—255, from dark to bright
CH 53	Amber 9	0—255, from dark to bright
CH 54	UV 9	0—255, from dark to bright
CH 55	Red 10	0—255, from dark to bright
CH 56	Green 10	0—255, from dark to bright
CH 57	Blue 10	0—255, from dark to bright
CH 58	White 10	0—255, from dark to bright
CH 59	Amber 10	0—255, from dark to bright
CH 60	UV 10	0—255, from dark to bright
CH 61	Red 11	0—255, from dark to bright
CH 62	Green 11	0—255, from dark to bright
CH 63	Blue 11	0—255, from dark to bright
CH 64	White 11	0—255, from dark to bright
CH 65	Amber 11	0—255, from dark to bright
CH 66	UV 11	0—255, from dark to bright
CH 67	Red 12	0—255, from dark to bright
CH 68	Green 12	0—255, from dark to bright
CH 69	Blue 12	0—255, from dark to bright
CH 70	White 12	0—255, from dark to bright
CH 71	Amber 12	0—255, from dark to bright
CH 72	UV 12	0—255, from dark to bright
CH 73	Red 13	0—255, from dark to bright
CH 74	Green 13	0—255, from dark to bright
CH 75	Blue 13	0—255, from dark to bright
CH 76	White 13	0—255, from dark to bright
CH 77	Amber 13	0—255, from dark to bright
CH 78	UV 13	0—255, from dark to bright
CH 79	Red 14	0—255, from dark to bright
CH 80	Green 14	0—255, from dark to bright
CH 81	Blue 14	0—255, from dark to bright
CH 82	White 14	0—255, from dark to bright
CH 83	Amber 14	0—255, from dark to bright
CH 84	UV 14	0—255, from dark to bright

86CH	Function	Value
CH 1	Dimmer	0-255
CH 2	Strobe	0—255
CH 3	Red 1	0—255, from dark to bright
CH 4	Green 1	0—255, from dark to bright

CH 5	Blue 1	0—255, from dark to bright
CH 6	White 1	0—255, from dark to bright
CH 7	Amber 1	0—255, from dark to bright
CH 8	UV 1	0—255, from dark to bright
CH 9	Red 2	0—255, from dark to bright
CH 10	Green 2	0—255, from dark to bright
CH 11	Blue 2	0—255, from dark to bright
CH 12	White 2	0—255, from dark to bright
CH 13	Amber 2	0—255, from dark to bright
CH 14	UV 2	0—255, from dark to bright
CH 15	Red 3	0—255, from dark to bright
CH 16	Green 3	0—255, from dark to bright
CH 17	Blue 3	0—255, from dark to bright
CH 18	White 3	0—255, from dark to bright
CH 19	Amber 3	0—255, from dark to bright
CH 20	UV 3	0—255, from dark to bright
CH 21	Red 4	0—255, from dark to bright
CH 22	Green 4	0—255, from dark to bright
CH 23	Blue 4	0—255, from dark to bright
CH 24	White 4	0—255, from dark to bright
CH 25	Amber 4	0—255, from dark to bright
CH 26	UV 4	0—255, from dark to bright
CH 27	Red 5	0—255, from dark to bright
CH 28	Green 5	0—255, from dark to bright
CH 29	Blue 5	0—255, from dark to bright
CH 30	White 5	0—255, from dark to bright
CH 31	Amber 5	0—255, from dark to bright
CH 32	UV 5	0—255, from dark to bright
CH 33	Red 6	0—255, from dark to bright
CH 34	Green 6	0—255, from dark to bright
CH 35	Blue 6	0—255, from dark to bright
CH 36	White 6	0—255, from dark to bright
CH 37	Amber 6	0—255, from dark to bright
CH 38	UV 6	0—255, from dark to bright
CH 39	Red 7	0—255, from dark to bright
CH 40	Green 7	0—255, from dark to bright
CH 41	Blue 7	0—255, from dark to bright
CH 42	White 7	0—255, from dark to bright
CH 43	Amber 7	0—255, from dark to bright
CH 44	UV 7	0—255, from dark to bright
CH 45	Red 8	0—255, from dark to bright
CH 46	Green 8	0—255, from dark to bright
CH 47	Blue 8	0—255, from dark to bright
CH 48	White 8	0—255, from dark to bright

CH 49	Amber 8	0—255, from dark to bright
CH 50	UV 8	0—255, from dark to bright
CH 51	Red 9	0—255, from dark to bright
CH 52	Green 9	0—255, from dark to bright
CH 53	Blue 9	0—255, from dark to bright
CH 54	White 9	0—255, from dark to bright
CH 55	Amber 9	0—255, from dark to bright
CH 56	UV 9	0—255, from dark to bright
CH 57	Red 10	0—255, from dark to bright
CH 58	Green 10	0—255, from dark to bright
CH 59	Blue 10	0—255, from dark to bright
CH 60	White 10	0—255, from dark to bright
CH 61	Amber 10	0—255, from dark to bright
CH 62	UV 10	0—255, from dark to bright
CH 63	Red 11	0—255, from dark to bright
CH 64	Green 11	0—255, from dark to bright
CH 65	Blue 11	0—255, from dark to bright
CH 66	White 11	0—255, from dark to bright
CH 67	Amber 11	0—255, from dark to bright
CH 68	UV 11	0—255, from dark to bright
CH 69	Red 12	0—255, from dark to bright
CH 70	Green 12	0—255, from dark to bright
CH 71	Blue 12	0—255, from dark to bright
CH 72	White 12	0—255, from dark to bright
CH 73	Amber 12	0—255, from dark to bright
CH 74	UV 12	0—255, from dark to bright
CH 75	Red 13	0—255, from dark to bright
CH 76	Green 13	0—255, from dark to bright
CH 77	Blue 13	0—255, from dark to bright
CH 78	White 13	0—255, from dark to bright
CH 79	Amber 13	0—255, from dark to bright
CH 80	UV 13	0—255, from dark to bright
CH 81	Red 14	0—255, from dark to bright
CH 82	Green 14	0—255, from dark to bright
CH 83	Blue 14	0—255, from dark to bright
CH 84	White 14	0—255, from dark to bright
CH 85	Amber 14	0—255, from dark to bright
CH 86	UV 14	0—255, from dark to bright