

Velos 7



(7×40W COB RGBW 4in1 LED)



User manual

Please read this user manual before using this product



I .Checking before using

No.	Item	Quan	Unit
1	Velos 7	1	piece
2	0.75 ² 1.5m power cable with blue head	1	piece
3	User manual	1	piece
4	Hook (Available in model)	optional	
5	Safe wire		
6	DMX cable		

★For security reasons and in accordance with the terms, reassemble or modify the product is not allowed without permission. Please note that due to human damage caused by improper use of the product, it will break the warranty qualification. Moreover, the unprofessional operation may lead to short circuits, burns or electric shock, and so on.

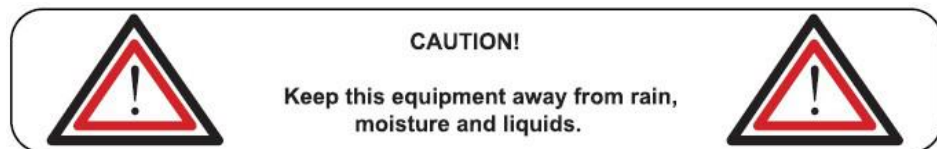
★This device has been full inspection before shipping. For your safety, please operate it according the User Manual.

★If any damage caused by improper operation will result in the termination of the warranty claims. The manufacturer does not accept any responsibility of property damage due to improper operation or personal injury due to non-compliance with the operating instructions.

★Keep the manual in a safe place for future reference as well as after the product sale, lease, etc..

★Note: Based on product improvements,specification may change without notice. Changes in product specifications related rights will be reserved.

II . Safety Instruction



1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.

CH23	000	-	255	R6 dimmer 0-100%	LED 6
CH24	000	-	255	G6 dimmer 0-100%	
CH25	000	-	255	B6 dimmer 0-100%	
CH26	000	-	255	W6 dimmer 0-100%	
CH27	000	-	255	R7 dimmer 0-100%	LED 7
CH28	000	-	255	G7 dimmer 0-100%	
CH29	000	-	255	B7 dimmer 0-100%	
CH30	000	-	255	W7 dimmer 0-100%	

IX. Product maintenance and cleaning

Please note the following points when testing this product:

★All the screws and parts for installing must be tightly connected and cannot be rusted;

★Housings, lenses, fixtures and mounting locations (e.g ceilings, hangers, trusses, etc.) must not be deformed;

★The power cable must not be damaged. The installation and use must be operated by trained professional technicians and it must ensure that safety hazards are eliminated.

The installation and use of the product must be carried out by trained professional technicians, and it must be ensured that safety hazards are eliminated.

Note: Please unplug the power cable before doing product maintenance!

It is very important to keep machine clean and dry. Before unlock the machine or start maintenance, you should keep the machine power off and unplug. Keep cleaning regularly can make the light have max brightness and also can extend its use time. We suggest to use good glass cleaner and clean it with a soft cloth. Can not use alcohol or chemical solvents under any circumstances. The interior of the machine and the fan should be cleaned at least once every season by using a vacuum cleaner.

2. AC Power: Check whether the local power supply is accordance with the requirements of the product rated voltage.

3. The product is only suitable for indoor working environment. The light should keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.

4. Please do not install the light directly on the surface of the combustible substance.

5. The people who install, operate and maintain of light professional certificate required.

6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.

7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.

8. To make sure the light working environment temperature, the highest do not exceed 40°C, the lowest do not exceed - 20 °C.

9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 °C, please do not touch.

10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the earth sign port of the light should be connected to the installing fixtures.

11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Before performing any installation, repair and cleaning of the lamp, please confirm that the power cable has been cut off.



**CAUTION! TAKE CARE USING THIS EQUIPMENT!
HIGH VOLTAGE-RISK OF ELECTRIC SHOCK!!**

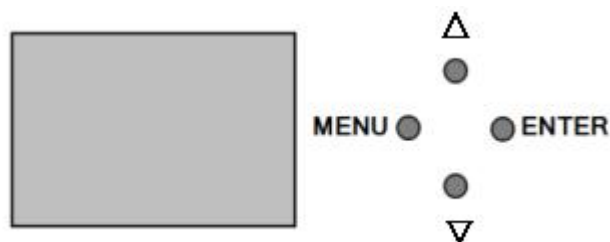


III. Product specification

1. Built-in Master/slave, DMX, Sound active, and Auto run mode.
2. LCD 1.8 inch TFT LCD screen, easy to operate.
3. Suitable for discotheques, clubs, bars, parties, mobile DJ, concerts and more.
4. DMX Channel: 6CH, 9CH, 21CH and 30CH.
5. Four Operational Modes: Sound (Audio) Active, Show Mode, DMX, Master/Slave.
6. Voltage: AC100-240V 50-60Hz
7. Fuse: F5AL250V
8. Power Consumption: P=278W
9. Light Source: 7×40W COB RGBW 4in1 LED
10. N.W: 9.5kg
11. Size: **49.23*46.4*14.7cm**
12. Lumen

Color	@1M	Unit	Angle
R	1429	Lux	109°
G	1469		
B	1872		
W	1205		
RGBW	5820		

IV. Function instruction



Item	SQ	Silkscreen	Function
Button:	①	MENU	Enter/check menu
	②	UP	Check the last menu
	③	DOWN	Check the next menu
	④	ENTER	Enter the menu or confirm

[Sheet 4] DMX Channel (30CH)- (DMX 001)

Channel	Value		Function	
CH1	000	- 255	LED Total dimmer 0-100%	Dimmer
CH2	000	- 005	LED on	LED on/ strobe
	006	- 015	LED off	
	016	- 131	Strobe, slow to fast	
	132	- 139	LED on	
	140	- 181	Fast on slow off, slow to fast	
	182	- 189	LED on	
	190	- 231	Slow on fast off, slow to fast	
	232	- 239	LED on	
	240	- 247	Lightning strobe	
	248	- 255	LED on	
CH3	000	- 255	R1 dimmer 0-100%	LED 1
CH4	000	- 255	G1 dimmer 0-100%	
CH5	000	- 255	B1 dimmer 0-100%	
CH6	000	- 255	W1 dimmer 0-100%	LED 2
CH7	000	- 255	R2 dimmer 0-100%	
CH8	000	- 255	G2 dimmer 0-100%	
CH9	000	- 255	B2 dimmer 0-100%	LED 3
CH10	000	- 255	W2 dimmer 0-100%	
CH11	000	- 255	R3 dimmer 0-100%	
CH12	000	- 255	G3 dimmer 0-100%	LED 4
CH13	000	- 255	B3 dimmer 0-100%	
CH14	000	- 255	W3 dimmer 0-100%	
CH15	000	- 255	R4 dimmer 0-100%	LED 5
CH16	000	- 255	G4 dimmer 0-100%	
CH17	000	- 255	B4 dimmer 0-100%	
CH18	000	- 255	W4 dimmer 0-100%	LED 5
CH19	000	- 255	R5 dimmer 0-100%	
CH20	000	- 255	G5 dimmer 0-100%	
CH21	000	- 255	B5 dimmer 0-100%	
CH22	000	- 255	W5 dimmer 0-100%	

CH19	000	-	255	LED7 dimmer 0-100%	LED 7
CH20	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
248	-	255	LED on		
CH21	000	-	005	No function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	

V. Display Main Function

LCD DISPLAY				
Menu			Description	
DMX Address	001-512		DMX Address Code	
DMX Mode	CH-06		6 Channel	
	CH-09		9 Channel	
	CH-21		21 Channel	
	CH-30		30 Channel	
Auto Mode	Show Mode	Auto00	Stand alone, random effect	
		Auto01-12	Stand alone effect 1-12	
	Show Speed	01-99	Slow to fast	
	Sound Mode	Off	Sound off	
On		Sound on		
Sound Sense	00-99	Sound Sensitivity		
Slave Mode	Master		Master mode	
	Slave 1		Slave 1	
	Slave 2		Slave 2	
Advanced Settings	Dimmer Mode	Halogen	Halogen	
		Linear	Linear	
		Square	Square	
		IN Squa	IN Squa	
		S_Curve	S_Curve	
	Display	Off/On	LCD backlight switch	
	Display Invert	No/Yes	LCD reverse display	
	LED Calibration	Red	050-255	White balance
		Green	050-255	
		Blue	050-255	
		White	050-255	
	Language	English	English	
		Chinese	Chinese	
DMX Fail	Auto	Auto		
	Black	Standby(Black)		
	Hold	Hold		
Software	V1.0	V1.0		

VI. How to operation

Here are two ways to operate:

1. Master/slave build-in program to control
2. DMX controller

a. Master/slave build-in program to control

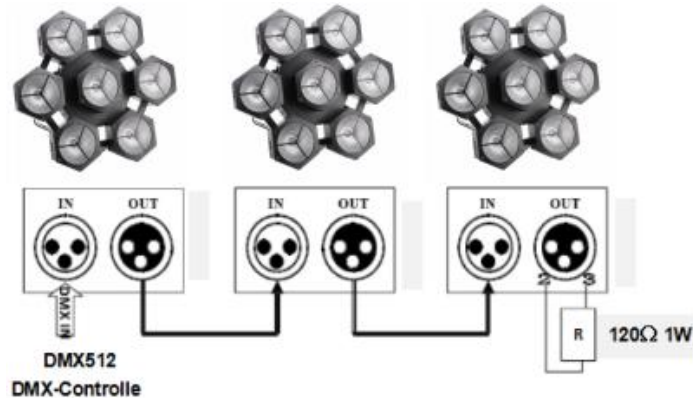
All lamps and lanterns are initially installed on the main machine, and the lamps and lanterns are connected in series. You can also specify one for the host and the rest for slave.

VII. DMX Controller

If controlled by DMX controller, you need to set the DMX address code to control the light, the address code value is between 1-512, then the light will receive the signal accordingly.

Press MENU button, select “**DMX 001**” menu, press ENTER button, address will strobe. Use **UP/DOWN** to select DMX512 address, our factory value set as “**DMX 001**”. After setting DMX address, press ENTER button.

Connect the DMX512 console output port to the first slave device DMX input, and connect the first slave device DMX output signal to the second slave device DMX input signal, until all slave connections are complete.



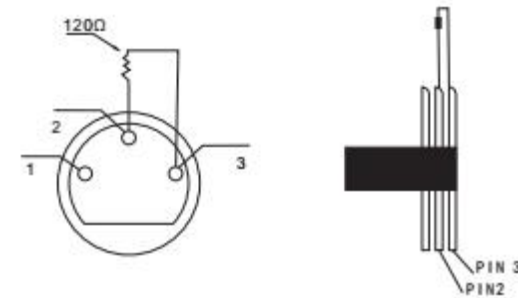
DMX-512 Connection required terminal device (Loop connection)

In the installation process, if the distance of the signal line between each other is far, or in the noisy environment, such as KTV or Dancing Hall, the DMX terminal (loop connection) is recommended. This can avoid the turbidity of digital control signals caused by electrical noise. The DMX terminal is made up of a simple **XLR** connection head (2-pin and 3-pin) connecting to a **120Ω** resistor.

	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH13	000	-	255	LED5 dimmer 0-100%	
CH14	000	-	005	LED on	LED 5
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
CH15	000	-	005	No function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH16	000	-	255	LED6 dimmer 0-100%	
CH17	000	-	005	LED on	LED 6
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
CH18	000	-	005	NO function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	

CH6	000	-	005	No function	LED 3
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH7	000	-	255	LED3 dimmer 0-100%	
CH8	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
CH9	000	-	005	No function	LED 4
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
	CH10	000	-	255	
CH11	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
CH12	000	-	005	No function	
	006	-	125	Fixed color	

Please insert the terminal into the XLR output port of the last device. Please refer to the following picture:



VIII. Channel (choose **0001** default address code)

[Sheet 1] DMX Channel (6CH)- (DMX 001)

Channel	Value			Function	
CH1	000	-	255	LED total dimmer 0~100%	Total
CH2	000	-	005	LED on	LED on/strobe
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
248	-	255	LED on		
CH3	000	-	255	Red Linear Dimming, 0-100%	LED
CH4	000	-	255	Green Linear Dimming, 0-100%	
CH5	000	-	255	Blue Linear Dimming, 0-100%	
CH6	000	-	255	Warm White Linear Dimming, 0-100%	

[Sheet 2] DMX channel (9CH)- (DMX 001)

Channel	Value		Function	
CH1	000	- 255	LED total dimmer 0-100%	Dimmer
CH2	000	- 005	LED on	LED on/ strobe
	006	- 015	LED off	
	016	- 131	Strobe, slow to fast	
	132	- 139	LED on	
	140	- 181	Fast on slow off, slow to fast	
	182	- 189	LED on	
	190	- 231	Slow on fast off, slow to fast	
	232	- 239	LED on	
	240	- 247	Lightning strobe	
248	- 255	LED on		
CH3	000	- 255	Red Linear Dimming, 0-100%	LED
CH4	000	- 255	Green Linear Dimming, 0-100%	
CH5	000	- 255	Blue Linear Dimming, 0-100%	
CH6	000	- 255	Warm White Linear Dimming, 0-100%	
CH7	000	- 005	No function	Color
	006	- 125	Fixed color	
	126	- 189	Color jumping, slow to fast	
	190	- 255	Color fading, slow to fast	
CH8	000	- 009	ON	Effect mode
	010	- 029	Effect 1	
	030	- 049	Effect 2	
	050	- 069	Effect 3	
	070	- 089	Effect 4	
	090	- 109	Effect 5	
	110	- 129	Effect 6	
	130	- 149	Effect 7	
	150	- 169	Effect 8	
	170	- 189	Effect 9	
	190	- 209	Effect 10	
	210	- 229	Effect 11	
	230	- 249	Effect 12	
	250	- 255	Random effect	

CH9	000	- 249	Effect speed, slow to fast	Effect speed/ sound control
	250	- 255	Voice triggering	

[Sheet 3] DMX Channel (21CH)- (DMX 001)

Channel	Value		Function	
CH1	00	- 255	LED1 dimmer 0-100%	LED 1
CH2	00	- 005	LED on	
	00	- 015	LED off	
	01	- 131	Strobe, slow to fast	
	13	- 139	LED on	
	14	- 181	Fast on slow off, slow to fast	
	18	- 189	LED on	
	19	- 231	Slow on fast off, slow to fast	
	23	- 239	LED on	
	24	- 247	Lightning strobe	
	24	- 255	LED on	
CH3	00	- 005	No function	
	00	- 125	Fixed color	
	12	- 189	Color jumping, slow to fast	
	19	- 255	Color fading, slow to fast	
CH4	00	- 255	LED2 dimmer 0-100%	LED 2
CH5	00	- 005	LED on	
	00	- 015	LED off	
	01	- 131	Strobe, slow to fast	
	13	- 139	LED on	
	14	- 181	Fast on slow off, slow to fast	
	18	- 189	LED on	
	19	- 231	Slow on fast off, slow to fast	
	23	- 239	LED on	
	24	- 247	Lightning strobe	
	24	- 255	LED on	