VIS0494 Operation Manual

150W QUAD COB LED PAR can make very bright colorful and dynamic light scenery effects.The front operation plant has four digital tube display.You can operate it through the four buttons---MODE,SET UP,UP,DOWN. It can stock running mode when it is off.You can find last running mode when it is on next time.This product has temperature protect function.When it is on,it will be off automatically when the temperature is beyond 85°C.But it won't impact other combined products.When you re-start it,it can run correctly within 85°C.

A ,Specification:

1. Weight: 4.1kg
2. Size: 41.5×24.5×19.2cm
3. Power input: AC100V-240V/50Hz-60Hz
4. Wattage:132W
5. LEDS: 1PC 150W (RGBW 4 in 1) COB LED
6. Beam angle of LEDs: 40,50,80 degree available
7. 3PIN female XLR socket and 3PIN male XLR socket
8. Built-in microphone
9. Four button LED digital display
10. Power cord daisy chain:5 fixtures max

B,The function description of the LED light:

It has 7 kinds of operation mode,they are as follows:

Manual dimmer color mode,Sound active mode,Auto-run program mode,Static color select mode,Other program select mode,Slave mode,DMX mode

Here above 7 kinds running mode are selected by MODE button.When you operate it,then the unit will lock the display if there is no operation on the unit over 30 seconds.You have to press and hold down MODE button for 3 seconds before gaining access to the units menu options.

MODE manual	SET UP manual	UP/DOWN manual	Instruction
DMX MODE	Address	d001~d512	Sets the DMX starting address
	Channels	Ch03	The unit occupies 3 DMX channels
		Ch04	The unit occupies 4 DMX channels
		Ch05	The unit occupies 5 DMX channels
		Ch06	The unit occupies 6 DMX channels

NO DMX mode		ᶜʰ09	The unit occupies 9 DMX channels
		bⁱᴀᶜ	When DMX signal is lost or interrupted,the unit will default to BLACKOUT option.It will switch all LED's off
		ᴸᴀ5ᵗ	When DMX signal is lost or interrupted,the unit will default to HOLD option.It will hold the last state before signal was lost.
		Proᶜ	When DMX signal is lost or interrupted,the unit will default to AUTO option.It will run the internal programs.
SLAVE MODE	Slave mode	5ᴸᴀᵤ	Set the unit into slave mode
DIMMER MODE	Red dimmer	r.000~r.255	Adjust the intensity of the red color
	Green dimmer	ᵍ.000~ᵍ.255	Adjust the intensity of the green color
	Blue dimmer	b.000~b.255	Adjust the intensity of the blue color
	White dimmer	ᵤ.000~ᵤ.255	Adjust the intensity of the white color
	Flash	F500~F5.15	Adjust the flash speed,F500 is flash off,F5.15 is slowest,F5.15 is fastest
SOUND MODE	Mode select	5o01~5o.16	Select the 16 built-in sound modes
	Sensitivity select	5J-1~5J-8	Adjust the sensitivity of the sound-active, 5J-1 is the lowest level, 5J-8 is the highest level
AUTO RUN MODE	Dreaming mode set	ᴬF01~ᴬF.16	Select the 16 built-in dreaming mode
	Jumping mode set	ᴬJ01~ᴬJ.16	Select the 16 built-in jumping mode
	Auto Dreaming&Jumping mode	ᴬ-Jᶠ	Set the light in auto dreaming&jumping mode,the dreaming mode and jumping mode will run in a continuous cycle
	Speed set	5ᴾ.01~5ᴾ.16	Adjust the speed of the dreaming/jumping mode
STATIC COLOR SELECT MODE	Color select	ᶜᴸ00~ᶜᴸ.64	Select the 64 static colors
	Flash	F500~F5.15	Adjust the flash speed,F500 is flash off,F5.00 is slowest, F5.15 is fastest
OTHER MODE	Display on/off	don	LED digital tube display always on
		doFF	LED digital tube display off
	Display normal/inverse	5tnd	LED digital tube display normal
		nᴉᵍ	LED digital tube display inversion
	Initialization mode	dᴱFᴬ	Initialize the unit at the extra factory setting

1. **Manual dimmer color mode**
2) Manual dimmer color select

Press"MODE"button, select the manual dimmer color select mode .At this time, the four digital tube displays red"$6000\sim6255$",press the "SET UP" to choose different color,green"$6000\sim6255$", blue"$6000\sim6255$", white"$6000\sim6255$",then press"UP"or "DOWN"button to set the dimming rate 0-255.

2) Flash speed select

Press"SET UP"to choose the flash speed select mode .At this time,the four digital tube displays"$F500\sim F515$".Press"UP"or "DOWN"button to select the flash speed 00-15,00 is flash off,01 is the slowest flash speed,15 is the fastest flash speed.

2. Sound active mode

Press"MODE"button,select the sound active program mode.There are two modes in the sound active program mode.You can select them by pressing the"SET UP" button.

1) Sound active program mode select

Press"SET UP"button until the four digital tube displays"$5o01\sim5o16$",then press"UP" or "DOWN" to select the sound active program mode 1-16 under this mode.

2) Sensitivity select mode

Press"SET UP"button until the four digital tube displays"$5J-1\sim5J-8$",then press"UP" or "DOWN" to select the sound active the sensitivity 1-8. 1 is off sound-active,2 is the lowest sensitivity,8 is the highest sensitivity.

3. Auto-run program mode

Press"MODE"button,select the auto-run program mode.There are three modes in the auto-run program mode.You can select them by pressing the"SET UP" button.

1) Color dreaming program mode select

Press"SET UP"button until the four digital tube displays"$AE01\sim AE16$",then press"UP"or "DOWN"button to select the sixteen color dreaming programs 1-16.

2) Color jumping program mode select

Press"SET UP"button until the four digital tube displays"$AJ01\sim AJ16$",then press"UP"or "DOWN"button to select the sixteen color jumping programs 1-16.

3) Color dreaming/jumping speed select

Press"SET UP"button until the four digital tube displays"$SP01\sim SP16$".Press"UP"or "DOWN"button to select the color dreaming/jumping speed 01-16,01 is the slowest speed,16 is the fastest speed.

4. Static color select mode

Press"MODE"button,select the static color select mode.There are two modes in static color select mode.You can select them by pressing the"SET UP" button.

1) Static color select

Press"SET UP"button until the four digital tube displays"$CE00\sim CE64$",then press"UP" or "DOWN" to select static color 0-64 under this mode.

2) Flash speed select

Press"SET UP"button until the four digital tube displays"$F500~F515$ ",then press"UP"or "DOWN"button to select the static color flash speed 00-15,00 is flash off,01 is the slowest flash speed,15 is the fastest flash speed.

5. Other program select mode

1) Display off/on select mode

Press"SET UP" button ,select display off/on mode.Press UP or DOWN to select the four digital tube display on/off.When the digital tube displays"don "means that the display will on in any situation,when the digital tube displays"$doFF$ "means that the display will be automatically off after 60 seconds if there is no operation.

2) Display normal/inversion select mode

Press"SET UP" button ,select display normal/inversion mode.Press UP or DOWN to select the four digital tube display normal/inverse.When the digital tube displays"$Stnd$ "means that the digital tube displays normally,when the digital tube displays"$n3r$ "means that the digital tube displays inversion.

3) Initialization select mode

Press"SET UP" button until the four digital tube displays"$dEFA$",and the display is flicker.Now press UP button and DOWN button at the same time,you can initialize it at extra factory setting,running on the the first color jumping mode,and the four digital tube displays"$AJO1$".

6. Slave mode

Press"MODE"button,select salve mode.At this time,the four digital tube displays"$SLAU$".Press SET UP,UP or DOWN is no use under this mode.

7. DMX mode

You can control the devices individually via your DMX-controller.

1) DMX address select mode

The control Board allows you to assign the DMX address which is defined as the first channel of the COB LED par.Press "MODE" button until the display is "$d001~d512$ ", then press UP or DOWN to set the DMX address. The four digital tube display will be flicker when there is no controller signal.

2) DMX-PROTOCOL

Press "SET UP" button until the display is "$CH03/CH04/CH05/CH06/CH09$ ", then press UP or DOWN to set the desired channels (3,4,5,6,9).There are total 5 DMX modes.

3) No DMX mode set

Press"SET UP"button until the four digital tube displays"$nodn$ ",then press"UP" or "DOWN" to select the 3 no DMX modes.When the digital tube display"$blAc$ ",it means when DMX signal is lost or interrupted,the unit will default to BLACKOUT option,it will switch all LED's off;when the digital tube display"$LASt$ ",it means when DMX signal is lost or interrupted,the unit will default to HOLD option,it will hold the last state before signal was lost;when the digital tube display"$Prog$",it means when DMX signal is lost or interrupted,the unit will default to AUTO option,it will run the internal programs.

$CH03$: 3 channels mode

Channel	Value	Function
1		COLOR MACROS

Channel	Value	Function
2	0-255	See Color Macros Chart
3		STROBE
	0-31	LED OFF
	32-63	LED ON
	64-95	STROBE SLOW->FAST
	96-127	LED ON
	128-159	STROBE PULSE SLOW->FAST
	160-191	LED ON
	192-223	RANDOM STROBE SLOW->FAST
	224-255	LED ON
	0-255	MASTER DIMMER 0% - 100%

CH04: 4 channels mode

Channel	Value	Function
1	0-255	RED 0% - 100%
2	0-255	GREEN 0% - 100%
3	0-255	BLUE 0% - 100%
4	0-255	WHITE 0% - 100%

CH05: 5 channels mode

Channel	Value	Function
1	0-255	RED 0% - 100%
2	0-255	GREEN 0% - 100%
3	0-255	BLUE 0% - 100%

4	WHITE	
	0-255	0% - 100%
5	MASTER DIMMER	
	0-255	0% - 100%

ChOS : 6 channels mode

Channel	Value	Function
1	0-255	RED
		0% - 100%
2	0-255	GREEN
		0% - 100%
3	0-255	BLUE
		0% - 100%
4	0-255	WHITE
		0% - 100%
5	0-31	STROBE
		LED OFF
	32-63	LED ON
	64-95	STROBE SLOW->FAST
	96-127	LED ON
	128-159	STROBE PULSE SLOW->FAST
	160-191	LED ON
	192-223	RANDOM STROBE SLOW->FAST
	224-255	LED ON
6	0-255	MASTER DIMMER
		0% - 100%

ChO9 : 9 channels mode

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9
Red	Green	Blue	White	Strobe	Master Dim	Mode	Multiple Function	Speed/Sen.

Channel	Value	Function
Red	0-255	(dim→ bright)
Green	0-255	(dim→ bright)
Blue	0-255	(dim→ bright)
White	0-255	(dim→ bright)

Strobe / LED Channel

Range	Function
0-31	LED OFF
32-63	LED ON
64-95	STROBE SLOW->FAST
96-127	LED ON
128-159	STROBE PULSE SLOW->FAST
160-191	LED ON
192-223	RANDOM STROBE SLOW->FAST
224-255	LED ON

Mode Channel / Functions

Mode	Range	Function
Standard Dim Mode	(0-51)	No Function
Color Macro Mode (Ch8)	(52-102)	Color Macros (See Color Macros Chart)
Color Jump Mode (Ch8)	(103-153)	Color Jumps (see below)
Color Dream Mode (Ch8)		Color Dreams (see below)

No function columns:

	Value	Function
No function		
No function		
No function		
No function		
Dimming	0-255	(dim→ bright)

Color Jump Mode (Ch8) (103-153)

Range	Function
0-15	Color Jump 1
16-31	Color Jump 2
32-47	Color Jump 3
48-63	Color Jump 4
64-79	Color Jump 5
80-95	Color Jump 6
96-111	Color Jump 7
112-127	Color Jump 8
128-143	Color Jump 9
144-159	Color Jump 10
160-175	Color Jump 11
176-191	Color Jump 12
192-207	Color Jump 13
208-223	Color Jump 14
224-239	Color Jump 15
240-255	Color Jump 16

Color Dream Mode (Ch8)

Range	Function
0-15	Color Dream 1
16-31	Color Dream 2
32-47	Color Dream 3
48-63	Color Dream 4
64-79	Color Dream 5
80-95	Color Dream 6
96-111	Color Dream 7
112-127	Color Dream 8

No Function

Internal Prog Speed (0-255) (slow→fast) (Ch8)

Color macros chart as below:

Color No.	DMX VAULE	RGBW COLOR INTENSITY			
		RED	GREEN	BLUE	WHITE
Color0(off)	0	0	0	0	0
Color1	1-4	80	255	234	80
Color2	5-8	80	255	164	80

Color No.	DMX VAULE	RGBW COLOR INTENSITY			
		RED	GREEN	BLUE	WHITE
Color33	129-132	255	206	143	0
Color34	133-136	254	177	153	0
Color35	137-140	254	192	138	0

(154-204)	
128-143	Color Dream 9
144-159	Color Dream 10
160-175	Color Dream 11
176-191	Color Dream 12
192-207	Color Dream 13
208-223	Color Dream 14
224-239	Color Dream 15
240-255	Color Dream 16

Sound Mode (Ch8) (205-255)		
0-15	Sound Active 1	Sensitivity
16-31	Sound Active 2	0-31=OFF
32-47	Sound Active 3	32-255=
48-63	Sound Active 4	insensitive-
64-79	Sound Active 5	sensitive (Ch8)
80-95	Sound Active 6	
96-111	Sound Active 7	
112-127	Sound Active 8	
128-143	Sound Active 9	
144-159	Sound Active 10	
160-175	Sound Active 11	
176-191	Sound Active 12	
192-207	Sound Active 13	
208-223	Sound Active 14	
224-239	Sound Active 15	
240-255	Sound Active 16	

Color	Range			
Color3	9-12	77	255	112
Color4	13-16	117	255	77
Color5	17-20	160	255	77
Color6	21-24	223	255	83
Color7	25-28	255	243	77
Color8	29-32	255	200	74
Color9	33-36	255	166	77
Color10	37-40	255	125	74
Color11	41-44	255	97	77
Color12	45-48	255	71	71
Color13	49-52	255	83	134
Color14	53-56	255	93	182
Color15	57-60	255	96	236
Color16	61-64	238	93	255
Color17	65-68	196	87	255
Color18	69-72	150	90	255
Color19	73-76	100	77	255
Color20	77-80	77	100	255
Color21	81-84	67	148	255
Color22	85-88	77	195	255
Color23	89-92	77	234	255
Color24	93-96	158	255	144
Color25	97-100	255	251	153
Color26	101-104	255	175	147
Color27	105-108	255	138	186
Color28	109-112	255	147	251
Color29	113-116	151	138	255
Color30	117-120	151	138	255
Color31	121-124	138	169	255
Color32	125-128	255	255	255

Color	Range				
Color36	141-144	254	165	98	0
Color37	145-148	254	121	0	0
Color38	149-152	176	17	0	0
Color39	153-156	96	0	11	0
Color40	157-160	234	139	171	0
Color41	161-164	224	5	97	0
Color42	165-168	175	77	173	0
Color43	169-172	119	130	199	0
Color44	173-176	147	164	212	0
Color45	177-180	88	2	163	0
Color46	181-184	0	38	86	0
Color47	185-188	0	142	208	0
Color48	189-192	52	148	209	0
Color49	193-196	1	134	201	0
Color50	197-200	0	145	212	0
Color51	201-204	255	0	212	0
Color52	205-208	0	255	0	0
Color53	209-212	0	83	115	0
Color54	213-216	0	97	166	0
Color55	217-220	1	100	167	0
Color56	221-224	0	40	86	0
Color57	225-228	209	219	182	0
Color58	229-232	42	165	85	0
Color59	233-236	0	46	35	0
Color60	237-240	8	107	222	0
Color61	241-244	107	156	231	0
Color62	245-248	165	198	247	0
Color63	249-252	0	0	255	0
Color64	253-255	0	0	0	255