VIS0496.1 Operation Manual

10W RGBWA+UV 6IN1 OUTDOOR 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 butons---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 and the display will be "Erro." 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: 6.2kg
2. Size: 28.5×21×31.5cm
3. Power input: AC100V-240V/50HZ-60HZ
4. Wattage:116W
5. LEDS: 12PCS 10W RGBWA+UV(6 in 1)
6. Beam angle of LEDs: 40 degree
7. 3PIN female and male XLR socket,4PIN female and male power socket
8. 4-button LED digital display
9. IR remote available
10. IP rate: IP 65
11. Maximum 5pcs fixtures can be daisy chained together

B,The function description of the LED light:

It has 8 kinds of operation mode,they are as follows:

Static color select mode,Manual dimmer color mode,Auto-run program mode,Slave mode,DMX mode,Remote control activation set mode,User program scene set mode,User program step set mode

Here above 8 kinds running mode are selected by MODE button.Press MODE and UP button at the same time,when it is on,you can initialize it at extra factory setting,running on the auto-run program mode.To make the display stay on all of the time press the MODE and UP buttons at the same time. To make the display turn off after 20 seconds, press the MODE and DOWN buttons at the same time.

MODE manual	SET UP manual	UP/DOWN manual	Instruction
DMX MODE	Address	_A.00 1~A.5 12_	Sets the DMX starting address
	Channels	_Ch.A6_	The unit occupies 6 DMX channels
		_Ch.b 7_	The unit occupies 7 DMX channels
		_Ch.C8_	The unit occupies 8 DMX channels
		_Ch.d3_	The unit occupies 3 DMX channels
		_Ch.E0_	The unit occupies 10 DMX channels
		_2Ch.7_	The unit occupies 7 DMX channels
		_2Ch.8_	The unit occupies 8 DMX channels
STATIC COLOR SELECT MODE	Color and running program select	_CL.00~CL.30_ _nA.3 1~nA.44_	Select the 30 static colors and the 14 running programs
	Flash	_FS.00~FS.99_	Adjust the static colors flash speed, _FS.00_ is flash off,_FS.0 1_ is slowest, _FS.99_ is fastest

	SPEED	$t_1.01 \sim t_1.99$	Adjust the speed of the 14 running programs mode, $t_1.01$ is slowest, $t_1.99$ is fastest
DIMMER MODE	Red dimmer	$r.000 \sim r.255$	Adjust the intensity of the red color
	Green dimmer	$G.000 \sim G.255$	Adjust the intensity of the green color
	Blue dimmer	$b.000 \sim b.255$	Adjust the intensity of the blue color
	White dimmer	$h.000 \sim h.255$	Adjust the intensity of the white color
	Amber dimmer	$A.000 \sim A.255$	Adjust the intensity of the amber color
	UV dimmer	$U.000 \sim U.255$	Adjust the intensity of the UV color
	Flash	$FS.00 \sim FS.99$	Adjust the flash speed, $FS.00$ is flash off, $FS.01$ is slowest, $FS.99$ is fastest
AUTO RUN MODE	Auto run mode set	$AUtO.$	Set the unit into auto run mode
	SPEED	$t_1.01 \sim t_1.99$	Adjust the speed of the auto run mode, $t_1.01$ is slowest, $t_1.99$ is fastest
SLAVE MODE	Slave mode	$SLAu.$	Set the unit into slave mode
USER PROGRAM SCENE SET MODE	User program play/stop select	$PLAY$	Start playing the user program
		$StOP$	Stop playing the user program
	User program step global time set	$t_1.01 \sim t_1.99$	Adjust the global time for each step of the program, $t_1.01$ means each step occupies 0.1S, $t_1.99$ means each step occupies 9.9S
	User program step global fade time set	$Fd.00 \sim Fd.99$	Adjust the global fade time for each step of the program, $Fd.00$ is fade off, $Fd.01$ is fastest, $Fd.99$ is slowest
	User program step global flash speed set	$FS.00 \sim FS.99$	Adjust the global flash speed for each step of the program, $FS.00$ is flash off, $FS.01$ is slowest, $FS.99$ is fastest
	User program step global dimmer	$d.000 \sim d.255$	Adjust the global dimmer value for each step of the program
USER PROGRAM STEP SET MODE	Step number select	$SC.01 \sim SC.20$	Select number of steps for the user program
	Step select	$St.01 \sim St.20$	Select the step to edit (depend on the number of step selected by SC.XX sub-menu)
	Red dimmer	$r.000 \sim r.255$	Adjust the selected step red color intensity
	Green dimmer	$G.000 \sim G.255$	Adjust the selected step green color intensity
	Blue dimmer	$b.000 \sim b.255$	Adjust the selected step blue color intensity
	White dimmer	$h.000 \sim h.255$	Adjust the selected step white color intensity
	Amber dimmer	$A.000 \sim A.255$	Adjust the selected step amber color intensity
	UV dimmer	$U.000 \sim U.255$	Adjust the selected step UV color intensity
REMOTE CONTROL ACTIVATION	Activate /deactivate remote control	$rC.on$	Activate the remote control
		$rC.oF$	Deactivate the remote control

1. **Static color select mode**

Press"MODE"button,select the static color select mode.There are three modes in the 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" $CL.00 \sim CL.30$ "or " $NA.31 \sim NA.44$ ",then press"UP" or "DOWN" to select the 30 static colors and the 14 programs running mode under this mode.

2) Flash speed select

Press"SET UP"button until the four digital tube displays" $FS.00 \sim FS.99$ " when the LED par is in the 32 static colors,then press"UP"or "DOWN"button to select the static color flash speed 00-99,00 is flash off,01 is the slowest flash speed,99 is the fastest flash speed.

3) Program speed set mode

Press"SET UP"button until the four digital tube displays" $ti.01 \sim ti.99$ " when the LED is in the 14 programs running mode,then press"UP"or "DOWN"button to select the program running speed time 01-99,01 is the slowest ,99 is the fastest.

2. **Manual dimmer color mode**

1) Manual dimmer color select

Press"MODE"button, select the manual dimmer color select mode .At this time,the four digital tube displays red" $r.000 \sim r.255$ ",press the "SET UP" to choose different color,green" $G.000 \sim G.255$ ", blue" $b.000 \sim b.255$ " ,white" $h.000 \sim h.255$ ",amber" $A.000 \sim A.255$ " and UV" $U.000 \sim U.255$ ",then press"UP"or "DOWN"button to set the dimming rate 0-255.

2) Flash speed select

Press"SET UP"button until the four digital tube displays" $FS.00 \sim FS.99$ ",then press"UP"or "DOWN"button to select color dimmer flash speed 00-99,00 is flash off,01 is the slowest flash speed,99 is the fastest flash speed.

3. **Auto-run program mode**

Press"MODE"button,select the auto-run program mode.There are two 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" $AUrO$ ",the unit runs into the auto run program mode,the color jumping program and color dreaming program run alternatively.Press UP or DOWN is no use under this mode.

2) Flash speed select

Press"SET UP"button until the four digital tube displays" $ti.01 \sim ti.99$ ",then press"UP"or "DOWN"button to select the auto run program speed time 01-99,01 is the slowest ,99 is the fastest.

4. **Slave mode**

Press"MODE"button,select salve mode,the four digital tube displays" $SLAu$ ".The unit will be controlled by the master unit now.

5. **Remote control set mode**

Press"MODE"button,select remote control set mode.Press UP or DOWN to activate/deactivate remote control..When the digital tube displays" $rC.on$ "means to activate remote control,when the digital tube displays" $rC.oF$ "means to deactivate remote control.

6. **User program scene set mode**

Press"MODE"button,select user program scene set mode.At this time,the four digital tube displays" $USEr$ ".There are five modes in the user program scene set mode.You can select them by pressing the"SET UP" button.

1) User program play/stop select mode

Press"SET UP" button ,select user program play/stop mode.Press UP or DOWN to select user program play/stop.When the digital tube displays" $PLAY$ "means that the unit start playing the user program,when the digital tube displays" $StOP$ "means that the unit stop playing the user program.

2) User program step global time set mode

Press"SET UP"button until the four digital tube displays" $ti.01 \sim ti.99$ ",then press"UP" or "DOWN" to

adjust the global time for each step of the program.$t i.0 1$ means each step occupies 0.1S,$t i.99$ means each sep occupies 9.9S.

3] User program step global fade time set mode

Press"SET UP"button until the four digital tube displays"$Fd.00 \sim Fd.99$ ",then press"UP" or "DOWN" to adjust the global fade time for each step of the program.00 is fade function off,01 is the fastest fade speed,99 is the slowest fade speed.

4] User program step global flash speed set mode

Press"SET UP"button until the four digital tube displays"$F5.00 \sim F5.99$ ",then press"UP" or "DOWN" to adjust the global flash speed for each step of the program.00 is flash off,01 is the slowest flash speed,99 is the fastest flash speed.

5] User program step global dimmer set mode

Press"SET UP"button until the four digital tube displays"$d.000 \sim d.255$ ",then press"UP" or "DOWN" to adjust the global dimmer value for each step of the program.The bigger value the brighter.

7. User program step set mode

Press"MODE"button,select user program step set mode.At this time,the four digital tube displays"$Ed it$ ".There are three modes in the user program scene set mode.You can select them by pressing the"SET UP" button.

1) Step number select mode

Press"SET UP"button until the four digital tube displays"$5C.0 1 \sim 5C.20$ ",then press"UP" or "DOWN" to select number of steps for the user program.01 means the user program has 1 step,20 means the user program has 20 steps.The user program can have 20 steps at most.

2) Step select mode

Press"SET UP"button until the four digital tube displays"$5t.0 1 \sim 5t.20$ ",then press"UP" or "DOWN" to select the step to edit(depend on the number of step selected by SC.XX sub-menu).

3) Step dimmer set mode

Press"SET UP"button until the four digital - tube displays red"$r.000 \sim r.255$ ",green"$G.000 \sim G.255$ " ,blue"$b.000 \sim b.255$ ",white"$h.000 \sim h.255$ ",amber " $A.000 \sim A.255$ " and UV" $U.000 \sim U.255$ ",then press"UP" or "DOWN" to set the current step red/green/blue/white/amber/UV dimmer.The bigger value the brighter.

Note:The unit can still display the current step dimmer setting when it is set to stop playing the user program.$5t0P$

8. DMX mode

Press "MODE" button,it has two mode.When " $A.00 1 \sim A.5 12$ "is displayed. press "SET UP"to choose the DMX address or DMX mode.When " $A.00 1 \sim A.5 12$ "is displayed,press "UP" or "DOWN" to select the DMX address 1-512.When "$Ch.A6/Ch.b 7/Ch.C8/Ch.d3/Ch.E0/2Ch. 7/2Ch8$" is displayed,press "UP" or "DOWN" button to choose the 7 DMX mode.When there is no controller signal,the display will be flash,LED will turn off.

1.1 - 6 channels mode RVBWAU - Display = $Ch.A6$

	DMX	Effect
CHANNEL 1	000 - 255	Red : 0 to 100%
CHANNEL 2	000 - 255	Green : 0 to 100%
CHANNEL 3	000 - 255	Blue : 0 to 100%
CHANNEL 4	000 - 255	White : 0 to 100%
CHANNEL 5	000 - 255	Amber : 0 to 100%
CHANNEL 6	000 - 255	UV : 0 to 100%

1.2 - 7 channels mode RVBWAU with Dimmer and Strobe - Display = $\boxed{Ch \, b \, 7}$

	DMX	Effect
CHANNEL 1	000 - 255	Red : 0 to 100%
CHANNEL 2	000 - 255	Green : 0 to 100%
CHANNEL 3	000 - 255	Blue : 0 to 100%
CHANNEL 4	000 - 255	White : 0 to 100%
CHANNEL 5	000 - 255	Amber : 0 to 100%
CHANNEL 6	000 - 255	UV : 0 to 100%
CHANNEL 7	000 - 189	General dimmer from 0 to 100%
	190 - 250	Strobe speed
	251 - 255	Full

1.3 - 8 channels mode RVBWAU / Dimmer / Strobe - Display = $\boxed{Ch \, C \, 8}$

	DMX	Effect
CHANNEL 1	000 - 255	Red : 0 to 100%
CHANNEL 2	000 - 255	Green : 0 to 100%
CHANNEL 3	000 - 255	Blue : 0 to 100%
CHANNEL 4	000 - 255	White : 0 to 100%
CHANNEL 5	000 - 255	Amber : 0 to 100%
CHANNEL 6	000 - 255	UV : 0 to 100%
CHANNEL 7	000 - 255	General dimmer from 0 to 100%
CHANNEL 8	000 - 255	Strobe speed

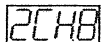| N°			Red	Green	Blue	White	Amber	UV	CH 2	CH 3
					CHANNEL 1					
A	000 - 005	No function	0	0	0	0	0	0		
B	006 - 010	Red	255	0	0	0	0	0		
C	011 - 015	Orange	255	30	0	0	0	0		
D	016 - 020	Yellow	255	150	0	0	0	0		
E	021 - 025	Green	0	255	0	0	0	0		
F	026 - 030	Cyan	0	255	255	0	0	0		
G	031 - 035	Blue	0	0	255	0	0	0		
H	036 - 040	Pink	255	0	255	0	0	0		
I	041 - 045	Magenta	255	0	40	0	0	0		
J	046 - 050	Cold White RGBW	50	155	255	255	0	0		
K	051 - 055	Warm White RGB	255	180	32	0	0	0		No function
L	056 - 060	Full White RGBW	255	255	255	255	0	0		
M	061 - 065	Light Pink	255	0	0	255	0	0		
N	066 - 070	Light Apricot	255	40	0	50	0	0		
O	071 - 075	Light Ocre	255	90	0	50	0	0		
P	076 - 080	Green Pearl	255	255	0	50	0	0	000 - 255 = Dimmer : 0 to 100%	
Q	081 - 085	Grey Pearl	255	90	0	255	0	0		
R	086 - 090	Green Veronese	120	255	120	255	0	0		
S	091 - 095	Blue Lagon	0	255	150	255	0	0		
T	096 - 100	Sky Blue	0	50	255	125	0	0		
U	101 - 105	Light Blue	0	50	255	255	0	0		
V	106 - 110	Cerulean Blue	0	0	255	255	0	0		
W	111 - 115	Fluo	154	255	0	0	255	0		
X	116 - 120	Candy	255	0	31	0	255	0		
Y	121 - 125	Amber	255	122	0	0	255	0		
Z	126 - 130	Sunset	255	32	0	0	255	0		
AA	131 - 135	Ultra violet	0	0	0	0	0	255		
AB	136 - 140	Ultra Green	0	255	0	0	0	255		
AC	141 - 145	Ultra blue	0	0	255	0	0	255		
AD	146 - 150	Ultra Pink	255	0	0	0	0	255		
AE	151 - 155	Ultra Light	0	255	255	0	0	255		
	156 - 160	Macro 1	Step RGB colors (colors A, B, C, D, E, F, G, H, I)							
	161 - 165	Macro 2	Fade RGB colors (colors A, B, C, D, E, F, G, H, I)							
	166 - 170	Macro 3	Fade Red to orange (fade color A to color B)							
	171 - 175	Macro 4	Fade Green to Blue (fade color D to color F)							
	176 - 180	Macro 5	Fade Magenta to Blue (fade color H to color F)							
	181 - 185	Macro 6	Fade Warm white to Cold White (fade color J to color K)							
	186 - 190	Macro 7	Step RGBW colors (colors J, M, N, O, P, Q, R, S, T, U, V, W, X, Y)							000 - 255 = Macros / Patterns Speed from slow to fast
	191 - 195	Macro 8	Fade RGBW colors (colors J, M, N, O, P, Q, R, S, T, U, V, W, X, Y)							
	196 - 200	Macro 9	Special pastel fade 1:Fade (R000,G000,B255,W000) to (R000,G000,B255,W120)							
	201 - 205	Macro 10	Special pastel fade 2 (Fade colors Y, T, V, N, O, K)							
	206 - 210	Macro 11	Special Amber fade 1 (fade colors Z, AA, AB, AC)							
	211 - 215	Macro 12	Special Amber fade 2 (fade colors H, Z, AB, O, S,AA)							
	216 - 220	Macro 13	Special UV fade 1 (AA, 0-0-0-0-255-255)							
	221 - 255	Macro 14	Special UV fade 2 (AA, AB, AC AD, AE)							

1.5 - 10 channels mode = RGBWAU/Dimmer/Strobe/ Fixed colours, Macros, patterns /Speed - Display = ⟨ChEO⟩

CH10	CH 9		CH 8	CH7	CH6	CH5	CH4	CH3	CH2	CH1
000 - 255 = Macros, Patterns Speed from slow to fast if CH9 is > 155	000 - 005	No function	000 - 255 : Strobe from slow to fast	Dimmer : 0 to 100%	UV (000 - 255)	Amber (000 - 255)	White (000 - 255)	Blue (000 - 255)	Green (000 - 255)	Red (000 - 255)
	006 - 010	Red			No function	No function	No function	No function	No function	No function
	011 - 015	Orange								
	016 - 020	Yellow								
	021 - 025	Green								
	026 - 030	Cyan								
	031 - 035	Blue								
	036 - 040	Pink								
	041 - 045	Magenta								
	046 - 050	Cold White RGBW								
	051 - 055	Warm White RGB								
	056 - 060	Full White RGBW								
	061 - 065	Light Pink								
	066 - 070	Light Apricot								
	071 - 075	Light Ocre								
	076 - 080	Green Pearl								
	081 - 085	Grey Pearl								
	086 - 090	Green Veronese								
	091 - 095	Blue Lagon								
	096 - 100	Sky Blue								
	101 - 105	Light Blue								
	106 - 110	Cerulean Blue								
	111 - 115	Fluo								
	116 - 120	Candy								
	121 - 125	Amber								
	126 - 130	Sunset								
	131 - 135	Ultra violet								
	136 - 140	Ultra Green								
	141 - 145	Ultra blue								
	146 - 150	Ultra Pink								
	151 - 155	Ultra Light								
	156 - 160	Macro 1								
	161 - 165	Macro 2								
	166 - 170	Macro 3								
	171 - 175	Macro 4								
	176 - 180	Macro 5								
	181 - 185	Macro 6								
	186 - 190	Macro 7								
	191 - 195	Macro 8								
	196 - 200	Macro 9								
	201 - 205	Macro 10								
	206 - 210	Macro 11								
	211 - 215	Macro 12								
	216 - 220	Macro 13								
	221 - 255	Macro 14								

1.6 - 7 channels mode = RGBW / Dimmer and Strobe / Amber / UV- Display = ⟨7CH7⟩

	DMX	Effect
CHANNEL 1	000 - 255	Red : 0 to 100%
CHANNEL 2	000 - 255	Green : 0 to 100%
CHANNEL 3	000 - 255	Blue : 0 to 100%
CHANNEL 4	000 - 255	White : 0 to 100%
CHANNEL 5	000 - 189	General dimmer from 0 to 100%
	190 - 250	Strobe speed
	251 - 255	Full
CHANNEL 6	000 - 255	Amber : 0 to 100%
CHANNEL 7	000 - 255	UV : 0 to 100%

	DMX	Effect
CHANNEL 1	000 - 255	Red : 0 to 100%
CHANNEL 2	000 - 255	Green : 0 to 100%
CHANNEL 3	000 - 255	Blue : 0 to 100%
CHANNEL 4	000 - 255	White : 0 to 100%
CHANNEL 5	000 - 255	General dimmer from 0 to 100%
CHANNEL 6	000 - 255	Strobe speed from slow to fast
CHANNEL 7	000 - 255	Amber : 0 to 100%
CHANNEL 8	000 - 255	UV : 0 to 100%

C. Operation by IR remote:

You can also operate this product by IR remote, the distance available is at most 10M.

Notice:IR remote can only be used when the unit is set to rC.on

The picture of the IR remote:

Auto Run Mode

Press SL/AU button to cycle among auto run mode and slave mode.Each press of this button will change to the next mode.When the green color glow and then automatically off indicates the LED par goes into auto run mode..You can press FS/SP button to set the auto run speed and press "+"and "-" to adjust it.

Select program Mode

Press PROG button to select static color select mode.Then press "+" and "-" to select the 30 static colors and the 14 programs running modes in this mode.

When the LED par is in the 30 static colors,you can press FS/SP button to turn on flash and press "+"and "-" to adjust the flash speed.

When the LED par is in the 14 program running mode,you can press FS/SP button to set the program running speed and press "+"and "-" to adjust it.

M/S mode

Press SL/AU button to cycle among auto run mode and slave mode.Each press of this button will change to the next mode.When the red color glow and then automatically off indicates the LED par goes into slave mode.

Select light program mode

Press R,G,B,W,A,UV to choose R,G,B,W,A,UV colors and pressing "+" and "-" buttons to adjust the intensity of the light.Press FS/SP button to turn on/off flash effect to in this situation, pressing "+" and "-" buttons to adjust

the flash speed.

DMX MODE

There are 7 DMX modes.You must set the DMX Channel mode before you address the fixture.To select your desired DMX Channel mode press the DMX mode button, and then press the "+" or "-" buttons to scroll through the DMX Channel modes. Once you find your desired DMX Channel mode, set your desired DMX address:

- If RED LED's glow you are in DMX Mode 1: 6 DMX Channels
- If GREEN LED's glow you are in DMX Mode 2: 7 DMX Channels
- If BLUE LED's glow you are in DMX Mode 3: 8 DMX Channels
- If WHITE LED's glow you are in DMX Mode 4: 2 DMX Channels
- If RED and BLUE LED's glow you are in DMX Mode 5: 9 DMX Channels
- If RED and AMBER LED's glow you are in DMX Mode 6: 4 DMX Channels
- If RED and GREEN LED's glow you are in DMX Mode 7: 5 DMX Channels

Set ADDR

Press this button to set the DMX address or initialize the program, then the red, green,blue,white,amber and UV lights will flash 2~3 times. Please put in 3 number ,for example, 1 2 3. After the red light is on, please put in the first number. After the first number is accessed the green light will be on, then put in the second number. When the blue light will be on, please put in the third number. After all the three number are put in, the red, green ,blue, white,amber and UV lights will flash 2~3 times, which indicate that the DMX address is right and it go in to the DMX MODE automatically. If the address is wrong the red light will be on. New DMX address should be put in.

If the 951 are put in, red and green lights will be on.Put "0" to initialize the program. If the wrong address is put in, the red light will be on, indicating new address should be put in. Then the system will run in the auto run mode.

Black Out mode

Press "BLACK OUT" to set the LED lights power on or power off by pressing this button.