VIS514 LED Profile 12-25' COB

Operation Manual

150W RGBAL PROFILE 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 in operation the unit will automatically switch off when the temperature is beyond 85'C.

A , Specification:

1. Weight: 9.5kgs
2. Size: 68.5×16.1×10cm
3. Power input: AC100V-240V/50Hz-60Hz
4. Wattage:148W
5. LEDS: 1PC 150W RGBAL COB LED
6. Beam angle of LEDs: 12-25 degree
7. PowerCon in and out socket
8. 3PIN male and female XLR socket
9. LCD display
10. IR remote control available
11. Manual framing shutters
12. Manual Zoom and Focus
13. Hanging Bracket
14. With USB socket to work with wireless DMX module
15. Glass or Metal Gobo size:74.5mm outside,63mm max image,2mm max thickness
16. Power cord daisy chain:4 fixtures max

B, The function description of the LED light:

It has 9 kinds of operation mode,they are as follows:

Manual dimmer color mode, Master dimmer mode, Color dreaming mode, Other program select mode, Slave mode, DMX mode
Here above 9 kinds running mode are selected by MODE button.

MODE manual	SET UP manual	UP/DOWN manual	Instruction
DMX MODE	Address	DMX MODE ADDR:001~512	Sets the DMX starting address
	Channels	DMX MODE CHAN:05/06/08/09	Set the unit DMX channels
SLAVE MODE	Slave mode	SLAVE MODE	Set the unit into slave mode
STATIC COLOR SELECT MODE	Color and running program select	CLR MACS COLOR:00~25 CLR MACS MACRO:26~44	Select the 25 static colors and the 19 running programs
	Flash	CLR MACS STROB:00~99	Adjust the static colors flash speed.00 is flash off,01 is slowest,99 is fastest
	SPEED	CLR MACS SPEED:00~99	Adjust the speed of the 19 running programs mode,00 is stop running,01 is slowest, 99is fastest
DIM CURVE MODE	Dim curve set	DIMCURVE LINEAR	Brightness increases linearly
		DIMCURVE SQUARE	Brightness settings are exponential
		DIMCURVE I-SQUARE	Brightness settings are inversely exponential
		DIMCURVE S-CURVE	Brightness increases slowly in lower values and strongly in higher values
DIM MODE	Dim mode set	DIMMODE LED	Set the unit to fast reacting dimming
		DIMMODE HALOGEN	Set the unit to slow reacting dimming
DMX FAIL MODE	DMX fail set	DMX FAIL STATIC	When DMX signal is lost or interrupted, the unit will default to STATIC option. It will back to static color
		DMX FAIL BLACKOUT	When DMX signal is lost or interrupted, the unit will default to BLACKOUT option. It will switch all LED's off
		DMX FAIL HOLD	When DMX signal is lost or interrupted, the unit will default to HOLD option. It will hold the last state before signal was lost.
DIMMER MODE	Red dimmer	MANUAL RED:000~255	Adjust the intensity of the red color
	Green dimmer	MANUAL GREN:000~255	Adjust the intensity of the green color
	Blue dimmer	MANUAL BLUE:000~255	Adjust the intensity of the blue color
	Amber dimmer	MANUAL AMBE:000~255	Adjust the intensity of the amber color
	Lime green dimmer	MANUAL LIME:000~255	Adjust the intensity of the lime green color
	CCT mode	MANUAL CCT:00~08	Select the color temperature

	Strobe	MANUAL STROB:00~99	Adjust the flash speed,00 is flash off,01 is slowest,15 is fastest
AUTO RUN	Auto run mode set	AUTO RUN FAD+SNAP	Set the unit into auto run mode
MODE	SPEED	AUTO RUN SPEED:00~99	Adjust the speed of the auto run mode,00 is stop running,01 is slowest, 99 is fastest
OTHER	LCD backlight	OPTION BLGT:ON	LCD backlight always on
MODE	on/off	OPTION BLGT:OFF	LCD backlight will be off after 20 seconds
	IR remote function	OPTION IR:ON	IR remote function on
	on/off	OPTION IR:OFF	IR remote function off
	WIFI on/off	OPTION WIFI:ON	WIFI function on
		OPTION WIFI:OFF	WIFI function off
	Initialization mode	OPTION SYSRESET	Initialize the unit at the extra factory setting

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 LCD displays "CLR MACS COLOR:00~25"or "CLR MACS MACRO:26~44",then press "UP" or "DOWN" to select the 25 static colors and the 19 programs running mode under this mode.

2) Flash speed select

Press "SET UP" button until the LCD displays "CLR MACS STROB:00~99" ,then press "UP" or "DOWN" button to select the flash speed 00-99,00 is flash off,01 is the slowest flash speed,99 is the fastest flash speed.

1) Program speed set mode

Press "SET UP" button until the LCD displays "CLR MACS SPEED:00~99" when the LED is in the 19 programs running mode, then press "UP" or "DOWN" button to select the program running speed time 00-99,00 is stop running,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 LCD displays red "MANUAL RED:000~255",press the "SET UP" to choose different colors green "MANUAL GREN:000~255", blue "MANUAL BLUE:000~255",amber"MANUAL AMBE:000~255"and lime green "MANUAL LIME:000~255"then press "UP" or "DOWN" button to set the dimming rate 0-255.

2)   Color temperature select

Press "MODE" button, select the color temperature select mode. At this time ,the LCD displays red "MANUAL CCT:00~08",then press "UP" or "DOWN" button to set different color temperature from 2700K to 5600K.

2)   Flash speed select

Press "SET UP" to choose the flash speed select mode. At this time the LCD displays "MANUAL STROB:00~99". Press "UP" or "DOWN" button to select the 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)   Auto run mode select

Press "MODE" button, select the auto run mode. At this time, the LCD displays "AUTO RUN FAD+SNAP", the unit is in the auto run mode now, the color jumping program and color dreaming program run alternatively. Press UP or DOWN is no use under this mode.

2)   Auto run speed select

Press "SET UP" button until the LCD displays "AUTO RUN SPEED:00~99".Press"UP"or "DOWN" button to select the auto run speed 01-99,00 is stop running,01 is the slowest speed,99 is the fastest speed.

4.   DIM curve mode

Press "MODE" button, select the dim curve mode. The LCD displays "DIMCURVE", press SET UP button, then press "UP" or "DOWN" to select the 4 modes. When the LCD display "DIMCURVE LINEAR", it means the brightness increases linearly. When the LCD display "DIMCURVE SQUARE", it means the brightness settings are exponential. When the LCD display "DIMCURVE I-SQUARE" ,it means the brightness settings are inversely exponential. When the LCD display "DIMCURVE S-CURVE" ,it means the brightness increases slowly in lower values and strongly in higher values.

5.   DIM mode

Press "MODE" button, select the dim mode. The LCD displays "DIMMODE", press SET UP button, then press "UP" or "DOWN" to select the 2 modes. When the LCD display "DIMMODE LED", it means set the unit to fast reacting dimming. When the LCD display "DIMMODE HALOGEN" ,it means set the unit to slow reacting dimming

6.   DMX fail mode

Press "MODE" button, select the DMX fail mode. The LCD displays "DMX FAIL" ,press SET UP button, then press "UP" or "DOWN" to select the 3 modes. When the LCD display "DMX FAIL STATIC" ,it means when DMX signal is lost or interrupted the unit will default to STATIC option, it will back to static color. When the LCD display "DMX FAIL BLACKOUT", 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 LCD display "DMX FAIL HOLD" ,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.

7.Slave mode

Press "MODE" button, select slave mode. At this time, the LCD displays "SLAVE MODE". The unit will be controlled by the master unit now.

8. Other program select mode

1) Display on/off select mode

Press "MODE" button, select LCD backlight on/off mode. Press UP or DOWN to select the LCD backlight on/off. When the LCD displays "OPTION BLGT:ON" means that the LCD backlight will on in any situation, when the LCD displays "OPTION BLGT:OFF" means that the LCD backlight will be automatically off after 20 seconds if there is no operation.

2) IR remote function on/off select mode

Press "SET UP" button, select IR remote function on/off mode. Press UP or DOWN to select IR remote function on/off. When the LCD displays "OPTION IR:ON" means that IR remote function is on, when the LCD displays "OPTION IR:OFF" means that IR remote function is off.

3) WIFI on/off select mode

Press "SET UP" button, select WIFI function on/off mode. Press UP or DOWN to select WIFI function on/off. When the LCD displays "OPTION WIFI:ON" means that WIFI function is on, when the LCD displays "OPTION WIFI:OFF" means that WIFI function is off.

4) Initialization select mode

Press "SET UP" button until the LCD displays "OPTION SYSRESET", and the LCD backlight is flicker. Now press UP button and DOWN button at the same time, you can initialize it at extra factory setting.

9. 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 unit. Press "MODE" button until the display is "DMX MODE ADDR:001~512", then press UP or DOWN to set the DMX address. The bottom line LCD display will be flicker when there is no controller signal.

2) DMX-PROTOCOL

Press "SET UP" button until the display is "DMX MODE CHAN:05/06/08/09", then press UP or DOWN to set the desired channels (5,6,8,9). There are total 4 DMX modes.

CHAN:05 :   5 channel mode

CH No.	DMX VALUE	FUNCTION
CH1	000~255	Red(dim→bright)
CH2	000~255	Green(dim→bright)
CH3	000~255	Blue(dim→bright)
CH4	000~255	Amber(dim→bright)
CH5	000~255	Lime green(dim→bright)

CHAN:06 :   6 channel mode

CH No.	DMX VALUE	FUNCTION
CH1	000~255	Red(dim→bright)
CH2	000~255	Green(dim→bright)
CH3	000~255	Blue(dim→bright)
CH4	000~255	Amber(dim→bright)
CH5	000~255	Lime green(dim→bright)
CH6	000~189	General Dimmer(dim→bright)
	190~250	Strobe(slow→fast)
	251~255	Full on

CHAN:08 :   8 channel mode

CH No.	DMX VALUE	FUNCTION
CH1	000~255	Red(dim→bright)
CH2	000~255	Green(dim→bright)
CH3	000~255	Blue(dim→bright)
CH4	000~255	Amber(dim→bright)
CH5	000~255	Lime green(dim→bright)
CH6	000~004	No function
	005~031	2700K

	032~063	3100K
	064~095	3500K
	096~127	3900K
	128~159	4300K
	160~191	4700K
	192~223	5100K
	224~255	5600K
CH7	000~255	General Dimmer(dim→bright)
CH8	000~004	NO function
	005~255	Strobe(slow→fast)

CHAN:09 :   9 channel mode

CH9	CH8		CH7	CH6	CH5	CH4	CH3	CH2	CH1
No Function	000-005	Black out	Strobe （0-4 No function ，5-255 Strobe slow→fast)	General Dimmer (dim→ bright)	Lime green (dim→ bright)	Amber (dim→ bright)	Blue (dim→ bright)	Green (dim→ bright)	Red (dim→ bright)
	006-010	Color 1							
	011-015	Color 2							
	016-020	Color 3							
	021-025	Color 4							
	026-030	Color 5							
	031-035	Color 6							
	036-040	Color 7							
	041-045	Color 8							
	046-050	Color 9							
	051-055	Color 10							
	056-060	Color 11							
	061-065	Color 12							
	066-070	Color 13							

	071-075	Color 14							
	076-080	Color 15							
	081-085	Color 16							
	086-090	Color 17							
	091-095	Color 18							
	096-100	Color 19							
	101-105	Color 20							
	106-110	Color 21							
	111-115	Color 22							
	116-120	Color 23							
	121-125	Color 24							
	126-155	Color 25							
Speed **Slow to fast**	156-160	Macro1							
	161-165	Macro2							
	166-170	Macro3							
	171-175	Macro4							
	176-180	Macro5							
	181-185	Macro6							
	186-190	Macro7							
	191-195	Macro8							
	196-200	Macro9							
	201-205	Macro10							
	206-210	Macro11							
	211-215	Macro12							
	216-220	Macro13							
	221-255	Macro14							

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 be used only when the unit is set to IR remote function on.

The picture of the IR remote:

Auto Run Mode

Press SL/SA button to select 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 25 static colors and the 19 programs running modes in this mode.

When the LED par is in the 25 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 19 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/SA button to cycle among auto run mode and slave mode. Each press of this button will change to the next mode.

Select light program mode

Press R,G,B,A to choose R,G,B,A 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 4 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:

Set ADDR

Press this button to set the DMX address or initialize the program, then the red, green, blue, white and amber 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 and amber 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.