

VIS051.1 Operation Manual

1M Tri-color LED bar is lighting effect which can create decorative effects, it is designed for club, stage and other entertainment hall. 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.

Specification:

1. Weight: 2.63kgs
2. Size: 1000x60x137mm
3. Power input: AC100V-240V/50HZ-60HZ
4. Wattage: 43W
5. LEDs: 12PCS 3W(3 in 1)
6. Beam angle of LEDs: 40 degree
7. 3PIN female XLR socket and 3PIN male XLR socket
8. Built-in microphone
9. Four button LED digital display
10. IR remote available
11. Power cord daisy chain: 13 fixtures max

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

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

Here above 7 kinds running mode are selected by MODE button. Press MODE and SET 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.

1. Static color select mode

Press "MODE" button, select static color select mode. four digital tube displays "C0. × ×", Press "UP" or "DOWN" to select static colors 0-10 under this mode. Then press SET UP button to choose the flash speed set mode. When "FS. × ×" is displayed, press "UP" or "DOWN" button to adjust the flash speed (00-15), 00 is turn off flash, 01 is the slowest flash speed, 15 is the fastest flash speed.

2. Manual dimmer color mode

Press "MODE" button, select manual dimmer color mode. At this time, four digital tube displays red "r. × × ×", then press "SET UP" to choose the other 2 colors, green "G. × × ×" and blue "b. × × ×", then press "UP" or "DOWN" button to set the dimming rate (0-255). Then press SET UP button to choose the flash speed set mode. When "FS. × ×" is displayed, press "UP" or "DOWN" button to adjust the flash speed (00-15), 00 is turn off flash, 01 is the slowest flash speed, 15 is the fastest flash speed.

3. Built in program select mode

Press "MODE" button, select built in program select mode. At this time, the four digital tube displays "Pr. × ×". Press "UP" or "DOWN" to select the built in programs 01-20 under this mode.

Then press SET UP button to choose the program speed set mode, program fade time set mode and the flash speed set mode. When "SP. × ×" is displayed, press "UP" or "DOWN" button to adjust the program running speed grade

01-99 (from slow to fast) under this mode. When “Fd. × ×” is displayed, press “UP” or “DOWN” button to adjust the fade time grade 00-99 under this mode. 00 is turn off fade, 01 is the fastest, 99 is the slowest. When “FS. × ×” is displayed, press “UP” or “DOWN” button to adjust the flash speed (00-15), 00 is turn off flash, 01 is the slowest, 15 is the fastest.

4. Auto-run mode

Press “MODE” button, select auto run mode. At this time, the four digital tube displays “AUTO.” Then press SET UP button to choose the fade time set mode, the flash speed set mode and IR remote function on/off mode.

- 1. When “Fd. × ×” is displayed, press “UP” or “DOWN” button to adjust the fade time grade 00-99 under this mode. 00 is turn off fade, 01 is the fastest, 99 is the slowest.
- 2. When “FS. × ×” is displayed, press “UP” or “DOWN” button to adjust the flash speed (00-15), 00 is turn off flash, 01 is the slowest flash speed, 15 is the fastest flash speed.
- 3. When the digital display shows “Ir × ×”, press the “+” and “-” buttons to select IR remote function on/off, “Iron” means IR remote function always on, “IroF” means IR remote function off.

5. Sound-active mode

Press “MODE” button, select sound-active mode. At this time, the four digital tube displays “SU. × ×”. Press UP or DOWN to select sound-active sensitivity grade 00-31. 00 is off sound-active, 01 is the lowest sensitivity, 31 is the highest sensitivity. Then press SET UP button to choose the flash speed set mode. When “FS. × ×” is displayed, press “UP” or “DOWN” button to adjust the flash speed (00-15), 00 is turn off flash, 01 is the slowest flash speed, 15 is the fastest flash speed.

6. Slave mode

Press “MODE” button, select slave 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

Press “MODE” button, select DMX mode. At this time, the four digital tube displays “d. × × ×”. Press “SETUP” button to choose the DMX address set mode “d. × × ×” and DMX channels set mode “Ch × ×”. When “d. × × ×” is displayed, press “UP” or “DOWN” to select the DMX address 1-512. When “Ch × ×” is displayed, press UP or DOWN to select the 7 different DMX channels.

Note: Ch03 is 3 Channel mode; Ch05 is 5 Channel mode; Ch06 is 6 Channel mode; Ch07 is 7 Channel mode; Ch08 is 8 Channel mode; Ch18 is 18 Channel mode; Ch20 is 20 Channel mode

Ch03: set 3 channels

CH No.	DMX value	Function
CH1	000~255	Red (dim→bright)
CH2	000~255	Green (dim→bright)
CH3	000~255	Blue(dim→bright)

Ch05: set 5 channels

CH No.	DMX value	Function
CH1	000~255	Red (dim→bright)
CH2	000~255	Green (dim→bright)
CH3	000~255	Blue(dim→bright)
CH4	000~015	No function
	016~255	Strobe(slow→fast)
CH5	000~255	Dimmer (dim→bright)

Ch06: set 6 channels

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	Color macros(refer to color macros table)
CH5	000~015	Nothing
	016~255	Strobe(slow→fast)
CH6	000~255	Dimmer (dim→bright)

Note:CH1,CH2,CH3 is no use when CH4 is being used.

Ch07: set 7 channels

CH1	CH2	CH3	CH4	CH5	CH6	CH7	
RED	GREEN	BLUE	DIMMER			DMX VAULE	FUNCTION
Red 0-255 (dim→ bright)	Green 0-255 (dim→ bright)	Blue 0-255 (dim→ bright)	Dimming 0-255 (dim→ bright)	0-15=No function	Dimmer mode (0-51)	0-255	No function
No function	No function	No function		16-255= Strobe (slow→ fast)	Static color select mode (52-102)	0-255	Select the static color (refer to color macros table)
				Speed 0-255 (slow→fast)	Program mode select (103-204)	0-27	Program1
						28-39	Program2
						40-51	Program3
						52-63	Program4
						64-75	Program5
						76-87	Program6
						88-99	Program7
						100-111	Program8
						112-123	Program9
						124-135	Program10
						136-147	Program11
						148-159	Program12
						160-171	Program13
						172-183	Program14
						184-195	Program15
						196-207	Program16
						208-219	Program17
						220-231	Program18
						232-243	Program19
244-255	Program20						
No function	No function	No function	No function	Sensitivity 0-255 (insensitive →sensitive)	Sound active mode select (205-255)	0-255	No function

Ch08: set 8 channels

CH1	CH2	CH3	CH4	CH5		CH6	CH7	CH8
RED	GREEN	BLUE	COLOR	DMX	FUNCTION	SPEED	STROBE	DIMMER

			MACROS	VAULE				
Red 0-255 (dm→ bright)	Green 0-255 (dim→ bright)	Blue 0-255 (dim→ bright)	0-255=Select the static color (refer to color macros table)	0-15	No function	No function	0-15=No function 16-255= Strobe (slow→ fast)	Dimming 0-255 (dim→ bright)
No function	No function	No function	No function	16-25	Program1	Speed 0-255 (slow →fast)		
				26-35	Program2			
				36-45	Program3			
				46-55	Program4			
				56-65	Program5			
				66-75	Program6			
				76-85	Program7			
				86-95	Program8			
				96-105	Program9			
				106-115	Program10			
				116-125	Program11			
				126-135	Program12			
				136-145	Program13			
				146-155	Program14			
				156-165	Program15			
				166-175	Program16			
				176-185	Program17			
				186-195	Program18			
				196-205	Program19			
				206-215	Program20			
216-235	Auto run	No function	No function					
236-255	Sound active	Sensitivity 0-255 (insensitive →sensitive)						

Ch18: set 18 channels

CH No.	DMX value	Function
CH1	000~255	Red 1(dim→bright)
CH2	000~255	Green 1(dim→bright)
CH3	000~255	Blue 1(dim→bright)
⋮	⋮	⋮
CH16	000~255	Red 6 (dim→bright)
CH17	000~255	Green 6 (dim→bright)
CH18	000~255	Blue6 (dim→bright)

Ch20: set 20 channels

CH No.	DMX value	Function
CH1	000~255	Red 1 (dim→bright)
CH2	000~255	Green 1 (dim→bright)
CH3	000~255	Blue 1 (dim→bright)
⋮	⋮	⋮

CH16	000~255	Red 6 (dim→bright)
CH17	000~255	Green 6 (dim→bright)
CH18	000~255	Blue6 (dim→bright)
CH19	000~015	No function
	016~255	Strobe(slow→fast)
CH20	000~255	Dimmer (dim→bright)

Color macros table as below:

Color No.	DMX VAULE	RGB COLOR INTENSITY		
		RED	GREEN	BLUE
Color0(off)	0-5	0	0	0
Color1	6-30	255	0	0
Color2	31-55	255	30	0
Color3	56-80	255	200	0
Color4	81-105	0	255	0
Color5	106-130	0	255	255
Color6	131-155	0	0	255
Color7	156-180	255	0	255
Color8	181-205	255	0	40
Color9	206-230	135	255	255
Color10	231-255	255	255	65

E. 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 “AUTO RUN” to choose Auto run mode.The built-in programs will run one after another in continuous loop.Press FLASH once to enter the flash speed set mode, and then pressing “+” and “-“ buttons to adjust flash speed.Press FLASH twice to enter the fade time set mode, and then pressing “+” and “-“ buttons to adjust fade time.

Select program Mode

Press SELECT PROG button to cycle among static color select mode and built in program select mode.Each press of this button will change to the next mode.

1. When the LED bar goes into the static color mode,press “+”and “-”to select the 10 static colors.Press FLASH to

turn on/off flash effect to in this situation, pressing “+” and “-” buttons to adjust the flash speed.

2. When the LED bar goes into built in program select mode,press “+”and “-” to select the 20 built in programs.Press SPEED to set the program running speed and press “+” or “-” to adjust it.Press FLASH once to enter the flash speed set mode, and then pressing “+” and “-“ buttons to adjust flash speed.Press FLASH twice to enter the fade time set mode, and then pressing “+” and “-“ buttons to adjust fade time.

M/S mode

Press SL to display SLAV mode. The R/G/B lights are off when without master light.

Sound Active Mode

Press SOUND ACTIVE button to choose sound active mode,then you can press “+” and “-”to adjust the sound active sensitivity level.Press FLASH to turn on flash effect to in this situation, pressing “+” and “-” buttons to adjust the flash speed.

Select light program mode

Press R/G/B to choose the R/G/B three different colors.Then pressing “+” and “-” buttons to adjust the intensity of the light. Press FLASH 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: a 3 Channel mode, 5 Channel mode, 6 Channel mode, 7 Channel mode ,8 Channel mode, 18 Channel Mode and 20 Channel mode. 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: 3 DMX Channels
- If Green LED’s glow you are in DMX Mode 2: 5 DMX Channels
- If Blue LED’s glow you are in DMX Mode 3: 6 DMX Channels
- If Red and Green LED’s glow you are in DMX Mode 4: 7 DMX Channels
- If Red and Blue LED’s glow you are in DMX Mode 5: 8 DMX Channels
- If Green and Blue LED’s glow you are in DMX Mode 6: 18 DMX Channels
- If all the LED’s glow you are in DMX Mode 7: 20 DMX Channels

Set ADDR

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

Black Out mode

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