

VIS0490/VIS0491 Operation Manual

The 8W 4IN1 LED par can creates a bright array of colors for dynamic stage lighting and scenery effects. It is widely used in entertainment halls, theaters, clubs, church auditoriums, live stages, etc. The LED menu is operated via four buttons - MODE, SET UP, UP, & DOWN. The 8W 4IN1 LED par has integrated temperature protection, allowing the light to automatically shut off should the light reach temperatures above 85°C (181°F). This allows the unit to cool off in extreme temperatures without damage and while not affecting other units in operation.

Specifications

- Weight: 5.5kgs
- Size: 30 × 27 × 22cm
- Power input: AC90V-240V 50HZ/60HZ
- Beam angle: 40 degree
- Wattage: 100W
- LEDS: 18PCS 8W (4 IN 1)
- 3PIN female DMX XLR socket and 3PIN male DMX XLR socket
- Built-in microphone
- 4 button Digital LED menu

Operating Modes

- DMX mode
- Manual dimmer color mode
- Static color select mode
- Auto-run program mode (Instant Color Change & Color Mixing)
- Sound-active mode
- Other mode

Mode Selection

Here above six kinds running mode are selected by MODE button. The DP dot of fourth digital tube will be flicker when you operate it, then the DP dot will be automatically off after 60 seconds if there is no operation. The four digital tube will display the current operation mode. You have to press the MODE button if you want to operate the LED PAR again.

MODE manual	SET UP manual	UP/DOWN manual	instruction
DMX MODE	Address	8801~8592	Sets the DMX starting address
	Channels	0404	The unit occupies 4 DMX channels
		0405	The unit occupies 5 DMX channels
		0406	The unit occupies 6 DMX channels
		0407	The unit occupies 7 DMX channels
DIMMER MODE	Red dimmer	8800~8255	Adjust the intensity of the red color
	Green dimmer	8800~8255	Adjust the intensity of the green color
	Blue dimmer	8800~8255	Adjust the intensity of the blue color
	White dimmer	0000~0255	Adjust the intensity of the white color
	Strobe	8500~8595	Adjust the strobe speed, 8500 is flash off, 8501 is slowest, 8595 is fastest
SOUND MODE	Mode select	5801~5898	Select the built-in sound mode
	Sensitivity select	5801~5898	Adjust the sensitivity of the sound-active, 5801 is the lowest level, 5898 is the highest level
AUTO RUN MODE	Dreaming mode set	8801~8898	Select the built-in dreaming mode
	Jumping mode set	8801~8898	Select the built-in jumping mode
	Speed set	5801~5898	Adjust the speed of the dreaming/jumping mode
STATIC COLOR SELECT MODE	Color select	0000~0005	Select the fifteen static colors
	Strobe	8500~8595	Adjust the strobe speed, 8500 is flash off, 8501 is slowest, 8595 is fastest
OTHER MODE	Display on/off	8801	LED digital tube display always on
		8802	LED digital tube display off
	Display normal/inverse	5801	LED digital tube display normal
		8802	LED digital tube display inversion
	Initialization mode	8801	Initialize the unit at the extra factory setting

Manual Dimmer Color Mode

1. Press MODE button until you select red dimmer color r(XXX). Continue pressing the SET UP to choose different color, green G(XXX), blue b(XXX) or white u(XXX). And continue pressing the SET UP to select strobe mode FS(XX).
2. Press UP or DOWN to adjust the intensity of the red, green, blue or the white color 0-255 and the speed of the strobe speed in the strobe mode.

0-Off Strobe 1-Lowest Speed 15-Highest Speed

Static Color Select Mode

1. Press MODE button until you select CL(XX). And continue pressing the SET UP to select strobe mode FS(XX).
2. Press UP or DOWN to select static color 0-15 and the strobe speed in the strobe mode.

0-Off Strobe 1-Lowest Speed 15-Highest Speed

Auto-Run Program Mode

Two Auto-Run styles are built into the VIS0490 /0491 – Instant Color Changing (AJ-X), Color Mixing (AF-X).

1. Press “MODE” button until you select AJ-(X). Continue pressing SET UP to choose Color Mixing AF-(X), and continue pressing SET UP to reach the SP(XX) Auto-run Speed Set Mode.
2. Press UP or DOWN to select the built-in AJ-(X) Instant Color Changing Modes 1-8 and the built-in AF-(X) Color Mixing Modes 1-8 and SP(XX) the Color Changing Modes & Color Mixing Modes speed 1-16.

1-Lowest Speed 16-Highest Speed

Sound-Active Mode

1. Press MODE button until you select SO-(X). Press UP or DOWN to select the Sound-Active Mode 1-8.
2. Continue pressing SET UP button to select SJ-(X). Press UP or DOWN to select the Audio Sensitivity 1-8.

1-Off Sound-Active 2-Lowest Sensitivity 8-Highest Sensitivity

Other Mode

Three styles are built into the VIS0490/0491 – Display on/off mode, Display normal/inversion mode, Initialization mode.

1. Display on/off mode: Press MODE button until you select "don". Press UP or DOWN to select display always on "don" or the display off "doFF".
2. Display normal/inversion mode: Continue pressing SET UP button until you select "Std". Press UP or DOWN button to select display normal "Std" or display inversion "evr".
3. Initialization mode: Continue pressing SET UP button until you select "dEFA". Now press UP and

DOWN 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"AJ-1".

DMX mode

You can control the devices individually via your DMX controller. The VIS0490/0491 is in slave mode in any situation of DMX mode when it is combined to other VIS0490/0491, but not with a DMX-controller.

Addressing

The DMX control board allows you to assign the DMX address which is defined as the first channel from which the VIS0490/0491 will respond to from the controller.

1. Press MODE button until the display reads A.XXX
2. Press UP or DOWN to set the DMX address.

You can set 510 pcs. at most when the VIS0490/0491 it is in 4 channels DMX mode, 508 pcs. at most when it is in 5 channels DMX mode, 507 pcs. at most when it is in 6 channels DMX mode,when it is in 7 channels DMX mode, 506 pcs. at most The LED display will flicker when there is no controller signal.

DMX-PROTOCOL

The VIS0490/0491 can be controlled using 4, 5, 6 or 7 channels. The DMX address chart is on the following pages.

Four Channels controls Red, Green,Blue and White.

Five channels controls Red, Green, Blue, White and Master Dimmer.

Six channels control Red, Green, Blue, White,Master Dimmer, and Strobe.

Seven channels control Red, Green, Blue, White,Master Dimmer, Strobe, and Macro (auto-effects).

1. Press MODE button until the display reads CH-X
2. Press UP or DOWN to set the number of desired DMX channels (4,5,6,7)

4 Channel Configuration

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	White(dim→bright)

5 Channel Configuration

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	White(dim→bright)
CH5	000~255	Dimming(dim→bright)

6 Channel Configuration

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	White(dim→bright)
CH5	000~255	Dimming(dim→bright)
CH6	000~015	No function
	016~255	Strobe slowest to fastest flash frequency is 0.1HZ-20HZ

7 Channel Configuration

CH7			CH6	CH5	CH4	CH3	CH2	CH1				
MODE	DMX VALUE	FUNCTION										
1	0-15	No function	Strobe slowest to fastest 8-255 flash frequency is 0.1HZ-20HZ	Dimming 0-255 (dim→ bright)	White 0-255 (dim→ bright)	Blue 0-255 (dim→ bright)	Green 0-255 (dim→ bright)	Red 0-255 (dim→ bright)				
2	16-31	Red		No function	No function	No function	No function	No function				
3	32-47	Green										
4	48-63	Blue										
5	64-79	Purple										
6	80-95	Yellow										
7	96-111	Cyan										
8	112-127	White										
9	128-135	Color mixing 1	Speed 0-255 (slow→quick)									
10	136-143	Color mixing 2										
11	144-151	Color mixing 3										
12	152-159	Color mixing 4										
13	160-167	Color mixing 5										
14	168-175	Color mixing 6										
15	176-183	Color mixing 7										
16	184-191	Color mixing 8										
17	192-199	Color change1										
18	200-207	Color change 2										
19	208-215	Color change 3										
20	216-223	Color change 4										
21	224-231	Color change 5										
22	232-239	Color change 6										
23	240-247	Sound mode1	Sensitivity 0-255									
24	248-255	Sound mode2										