

BI-4 PAR DMX manual

Our DMX LED 4PAR system offers many possibilities to achieve the effects which you want. It is pack-and-go for DJs, bands, nightclubs and other performers who want a complete LED wash light system. This system includes PAR-BAR, a four-pedal foot switch, adjustable tripod, packing bag and transport case. Please read the manual before operation.

A. SPECIFICATION:

1. Weight: 13kgs
2. Size: 1200*2400mm
3. Power input: AC100-240V/50-60HZ
4. Wattage: 50W
5. LEDs: 432 (144 red, 144 green, 144 blue) 10mm LEDs (108 per light)
6. Beam angle: 30 degree
7. 3 pin female XLR socket and 3 pin male XLR socket
8. Each light height adjustable.
9. RGB control of 4 separate lights
10. Independent positioning of each light
11. four-pedal foot switch: auto run, sound active, freeze, blackout
12. Working place: indoor, temperature: -20 °C~+ 4 5°C, humidity: 0%-90%.
13. LED display for easier operation.
14. Selectable built-in programs, Auto running, DMX mode, M/S, sound-active mode.
15. 7 selectable DMX modes: 2, 3, 4, 7, 8, 14, 15 DMX channels mode.

B. OPERATION:

After power on, Press “MODE” button to activate the main menu: Built-in programs mode, Auto running mode, DMX mode, Slave mode, sound-activated mode.

“SETUP” is to set the relative specification for current mode.

“UP” is to add the value of current specification.

“DOWN” is to decrease the value of current specification.

Built-in programs-- running one of 14 built-in programs

Auto run—running built-in programs one after another in continuous loop.

DMX mode--controlled by DMX controller

Slave mode—the projectors in this mode will be synchronously run with the projectors in master mode

Sound active mode-- running by sound - activated

four-pedal foot switch: auto run, sound active, freeze, blackout

1. built-in programs mode

Press mode until it shows Prxx, you can select 14 different built-in Programs. press “SETUP” and “UP” “DOWN” buttons to select the programs (from Pr01 to PG14) and select the desired program values. When it shows Pr01, press “SETUP” to choose the seven static color.

When it is Pr02 to Pr14, press “SETUP” and “UP” “DOWN” buttons, you can set the values for flash(FL00-FL99), fading time(Fd00-Fd99), running speed(SP00-SP99).

When it is Pr13 and Pr14, you can set the background color and running color for this effect, switch it from 1- -r (background color)to 2- -r(running color) by “SETUP”, adjust different colors by “UP” “DOWN” .

2. Auto run mode

You can press “MODE” button to select auto run mode, it shows **AUTO**, then it will run the built-in programs automatically.

Press “SETUP”, it shows n. 001, then you can adjust the running loops number by “UP” “DOWN”

3. DMX mode

You can control the devices individually via your DMX-controller. Press “MODE” button until it shows **001**, this means DMX address is 001, you can set the DMX address by “UP” and “DOWN” buttons. If press “SETUP” button, it will show d-p1, it means the device is in which DMX mode 1. You can switch these DMX modes by “UP” and “DOWN” buttons. There are 7 DMX modes.

DMX value as follows:

DMX mode1: d-P1

CH1	CH2	CH3
R	G	B
0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Light (0 = OFF)

DMX mode2: d-P2

CH1	CH2	CH3	CH4
R	G	B	Master dimmer
0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Light (0 = OFF)

DMX mode3: d-P3

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
R	G	B	R	G	B	flash	Master dimmer
0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Light (0 = OFF)	0—255 Flash (0 = OFF)	0—255 Light (0 = OFF)

DMX mode4: d-P4

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH10	CH11	CH12	CH13	CH14
R	G	B	R	G	B	R	G	B	R	G	B	flash	Master dimmer
0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0-255 Light 0=OFF	0—255 Flash 0=OFF	0-255 Light 0=OFF

DMX mode5: d-P5

CH1			CH2
NO.	DMX value	FUNCTION	SPEED
1	0--9	OFF	Value=0 OFF
2	10--19	red	SPEED 0—255
3	20--29	yellow	
4	30--39	green	
5	40--49	cyan	
6	50--59	blue	

7	60--69	purple		
8	70--79	white		
9	80--89	PROGRAM01		
10	90--99	PROGRAM02		
11	100--109	PROGRAM03		
12	110--119	PROGRAM04		
13	120--129	PROGRAM05		
14	130--139	PROGRAM06		
15	140--149	PROGRAM07		
16	150--159	PROGRAM08		
17	160--169	PROGRAM09		
18	170--179	PROGRAM10		
19	180--189	PROGRAM11		
20	190--199	PROGRAM12		
21	200--209	PROGRAM13		
22	210--219	PROGRAM14		
23	220--229	PROGRAM15		
24	230--239	PROGRAM16		
23	240--255	Sound Mode		Sensitivity 0--255

DMX mode6: d-P6

CHANNEL	VALUE	FUNCTION
1	000⇔009 010⇔249 250⇔255	Control/Operating Mode RGB Mode (ch.2-15) Auto Programms Sound activated
2	000⇔009 010⇔255	Master dimmer No function Dimmer (low⇔high)
3	000⇔009 010⇔255	Strobe No function Strobe (slow⇔fast)
4	000⇔255	Red 1 0% ⇔ 100%
5		Green 1

	000⇔255	0% ⇔ 100%
6	000⇔255	Blue 1 0% ⇔ 100%
7	000⇔255	Red 2 0% ⇔ 100%
8	000⇔255	Green 2 0% ⇔ 100%
9	000⇔255	Blue 2 0% ⇔ 100%
10	000⇔255	Red 3 0% ⇔ 100%
11	000⇔255	Green 3 0% ⇔ 100%
12	000⇔255	Blue 3 0% ⇔ 100%
13	000⇔255	Red 4 0% ⇔ 100%
14	000⇔255	Green 4 0% ⇔ 100%
15	000⇔255	Blue 4 0% ⇔ 100%

DMX mode 7: d-P7

CH1	CH2	CH3	CH4			CH5	CH6	CH7
R	G	B	NO	DMX value	FUNCTIO N	SPEED	FLASH	Master dimmer
0-25 5 Light 0=0 FF	0-25 5 Light 0=0 FF	0-25 5 Light 0=0 FF	1	0--9	OFF	NO USE SPEED 0—255	NO USE FLASH 0—255	0—255 Light (0 = OFF)
			2	10--19	red			
			3	20--29	yellow			
			4	30--39	green			
			5	40--49	cyan			
			6	50--59	blue			
			7	60--69	purple			
			8	70--79	white			
			9	80--89	PROGRA M01			
			10	90--99	PROGRA M02			
			11	100--109	PROGRA M03			
			12	110--119	PROGRA M04			
			13	120--129	PROGRA M05			
			14	130--139	PROGRA M06			
			15	140—14 9	PROGRA M07			
			16	150--159	PROGRA			

				M08			
			17	160--169	PROGRA M09		
			18	170--179	PROGRA M10		
			19	180--189	PROGRA M11		
			20	190--199	PROGRA M12		
			21	200--209	PROGRA M13		
			22	210--219	PROGRA M14		
			23	220--229	PROGRA M15	Sensitivity 0--255	

4. Slave mode

Press "MODE" button to select SIAv to run the slave mode.

5. Sound active mode

Press "MODE" button to select SU31 to be run, now if activated one time, it will run one step, adjust the sensitivity by "UP" and "DOWN" buttons.

Sensitivity: SU01-SU31

6. Static color mode

Press "MODE" button to select Colr to be run, press "SETUP", it will show r255, then you can adjust the colors by "UP" and "DOWN" buttons.

7. 4-Pedal foot switch

Connect the foot switch to the BAR, then you can control the effect easily by your foot.

Auto run—running the effects automatically.

Sound active—running the effects by sound activated.

Freeze—freeze the effect which you are running(if you want to run the unit again, please press auto run or sound active to activate it).

Blackout—the unit will be off.