



**For safety, please read this user manual carefully before initial use.**



## SAFETY INSTRUCTIONS

### WARNING

- Do not open this device, there is no user-serviceable parts inside. Risk of electric shock.
- Do not look at the light source when the device is on.
- **CAUTION:** This unit's housing may be hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- ONLY connect this device to a grounded and protected circuit.
- ONLY use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.

### CONTROL PANEL DESCRIPTION

Button	Function
MENU	Select main level menu / Exits from the current menu or function
UP	Navigates upwards through the menu list and increases the numeric value when in a function
DOWN	Navigates downwards through the menu list and decreases the numeric value when in a function
ENTER	Enables the currently displayed menu

### CONTROL PANEL MENU TREE

Main Level Menu	Level 2	Level 3	Level 4
Static Color	STATIC [Solid ] STATIC [Manual]		
		SOLID [Colr 1 ~ 63]	
		MANUAL [Red ]	MANUAL <R= 000-255>
		[Green]	<G= 000-255>

		[ Blue ]	<B = 000-255>
		[White ]	<W = 000-255>
		[Amber ]	<A = 000-255>
		[Purple ]	<P = 000-255>
		[Strobe ]	<S = 000-255> P. 1 (000 -009 no function)
Auto Program	Program [Pro 01 ~ Pro 0]	AUTOSP (speed) [ 001 – 100 ]	
DMX Address	Address [ 001 ~ 512 ]		
DMX Mode	DMX Mode [ 6 CH ] [ 8 CH ] [ 12 CH ] [ HSV ] [ HSI ]		
Slave Mode	Slave [ Slave ] [ Master ]		
White Blance	Blance [ Red ] [ Green ] [ Blue ]	Red / Green / Blue [255 – 000]	
Dimmer Mode	Speed [ OFF ] [ Fast ] [ Medium] [ Slow ]		
Refresh Rate	Refresh [800HZ ] [2KHZ] [4K HZ] [10 KHZ] [20 KHZ] [25 KHZ]		
Keys Lock	Lock [No ] [ Yes ]		

# CONTROL PANEL OPERATIONS

## Static Color

### **STATIC [Manual] (Static Colors User manual Setting)**

This mode allows the user set intensity of RED, GREEN, BLUE, WHITE, AMBER, PURPLE (UV) separately to get endless color mixing from the control board without DMX controller as well as to set the device to run strobe desired.

Press MENU to select the **Static Color** mode, press ENTER

Use Up and Down to select the **STATIC [Manual]**, press ENTER

"MANUAL [Red]" display, press ENTER again, use UP and DOWN to adjust the numeric value (R = 000-255), press ENTER. Then use UP and Down to select "MANUAL [Green], repeat above setting, do same for BLUE/WHITE/AMBER/PURPLE and STROBE (Value 000-255)

Press MENU to save the setting and go back.

When enter this mode, the device will be set as the Master unit automatically.

### **Static [Solid] (Solid Colors Setting)**

This mode has 63 solid colors to be selected.

Press MENU to select the **Static Color** mode, press ENTER

Use the UP and DOWN to select the solid colors desired, press ENTER, your selection will be saved.

Mode:	Value:	Function:
STATIC [Solid]	Color 1	Red
	Color 2	Green
	Color 3	Blue
	Color 4	White
	Color 5	Amber
	Color 6	Purple
	Color 7	Red + Green
	Color 8	Red + Blue
	Color 9	Red + White
	Color 10	Red + Amber
	Color 11	Red + Purple
	Color 12	Green + Blue
	Color 13	Green + White
	Color 14	Green + Amber
	Color 15	Green + Purple
	Color 16	Blue + White
	Color 17	Blue + Amber
	Color 18	Blue + Purple
	Color 19	White + Amber
	Color 20	White + Purple
	Color 21	Amber + Purple
	Color 22	Red + Green + Blue
	Color 23	Red + Green + White
	Color 24	Red + Green + Amber
	Color 25	Red + Green + Purple
	Color 26	Red + Blue + White
	Color 27	Red + Blue + Amber
	Color 28	Red + Blue + Purple
	Color 29	Red + White + Amber
	Color 30	Red + White + Purple

Mode:	Value:	Function:
SATIC [Solid]	Color 31	Red + Amber + Purple
	Color 32	Green + Blue + White
	Color 33	Green + Blue + Amber
	Color 34	Green + Blue + Purple
	Color 35	Blue + White + Amber
	Color 36	Blue + White + Purple
	Color 37	White + Amber + Purple
	Color 38	Blue + Amber + Purple
	Color 39	Green + White + Amber
	Color 40	Green + White + Purple
	Color 41	Green + Amber + Purple
	Color 42	Red + Green + Blue + White
	Color 43	Red + Green + Blue + Amber
	Color 44	Red + Green + Blue + Purple
	Color 45	Red + Green + White + Amber
	Color 46	Red + Green + White + Purple
	Color 47	Red + Green + Amber + Purple
	Color 48	Red + Green + White + Amber
	Color 49	Red + Blue + White + Purple
	Color 50	Red + Blue + Amber + Purple
	Color 51	Red + White + Amber + Purple
	Color 52	Green + Blue + White + Amber
	Color 53	Green + Blue + White + Purple
	Color 54	Green + Blue + Amber + Purple
	Color 55	Green + White + Amber + Purple
	Color 56	Blue + White + Amber + Purple
	Color 57	Red + Green + Blue + White + Amber
	Color 58	Red + Green + Blue + White + Purple
	Color 59	Red + Green + Blue + Amber + Purple
	Color 60	Red + Green + White + Amber + Purple
	Color 61	Red + Blue + White + Amber + Purple
	Color 62	Green + Blue + White + Amber + Purple
	Color 63	Red + Green + Blue + White + Amber + Purple

## 1. Auto Program (Auto Programs Setting)

This mode runs the built-in automatic programs.

Press MENU to select the **Auto Program** mode, press ENTER.

Use the UP and DOWN to select the built-in automatic programs.

Built-in auto: Pro 01 ~ Pro 10;

Built-in auto programs speed: AUTOSP [ 001 ~ 100 ] (Slow – Fast)

When enter this mode, the device will be set as the Master unit automatically.

## 2. DMX Address (DMX Address Setting)

Press MENU to select the **DMX Address** mode, press ENTER. Then use UP and DOWN to set the desired DMX address : Address [001 – 512]

### 3. DMX Mode (DMX channel Mode Setting)

Use this mode to set the device to be controlled by DMX controller with optional DMX channels..

There are 5 DMX channel modes to be selected.

Press MENU to select the **DMX Mode** mode, press ENTER. Then use the UP and DOWN to set the DMX channel modes.

6 Ch

8 Ch

12 Ch

HSV (H = Hue, S = Saturation, V = Brightness)

HSI (H = Hue, S = Saturation, I = Intensity)

Please refer to DMX VALUES chart for the channels detail.

### 4. Slave Mode

You can use this mode to set the unit to run as Master or Slave model

The unit default setting is "Slave"

Press MENU to select the **Slave Mode** mode, press ENTER. Use UP and DOWN to select the desired setting. Master/ Slave.

### 5. White Balance

This mode is for user to set the custom configurable setting of white balance..

Press MENU to select the White Balance mode, press ENTER.

Use UP and DOWN to select Balance [ Red ] / [ Green ] / [ Blue ], press ENTER

Red [ 000 – 255], Green [ 000 – 255], Blue [ 000 – 255] display, use UP and Down to adjust the numeric value.

Press MENU to save the setting and go back.

### 6. Dimmer Mode (Dimmer Curves setting)

Press MENU to Select Dimmer Mode, press ENTER, then use UP and DOWN to select the following dimmer modes:

[ OFF ] (Linear dimmer mode, close dimmer curves, instant dimmer response)

[Curve 1 ] Dimmer curve1, Square Law dimming.

[Curve 2 ] Dimmer curve2, Inverse-square Law dimming.

[Curve 3 ] Dimmer curve3, S-Curves dimming.

### 7. Refresh Rate ( To set the PWM refresh rate of LED)

This device has optional LED PWM refresh rates for professional camera requirements.

Press MENU to Select Refresh Rate mode, press ENTER, then use UP and DOWN to select the following refresh modes:

Refresh [ 800 HZ ]

Refresh [ 2K HZ ]

Refresh [ 4K HZ ]

Refresh [ 10 KHZ ]

Refresh [ 20 KHZ ]

Refresh [ 25 KHZ ]

### 8. Keys Lock (Keys lock/unlock password)

Press MENU to select the Keys Lock, press ENTER. Then use UP and DOWN to set the keys lock function to Lock [ No ] or [ Yes ].

When select **Lock [ Yes ]**, the keys will be locked after 30 seconds without operating.

Input password UP+DOWN+UP+DOWN, press ENTER to unlock the keys.

When select **Lock [ No ]**, the key lock function is not available.

## DMX VALUES

This device has 5 DMX modes: 12CH(Tour), 6CH, 8CH, HSV and HIS

### 12 CH (Tour) MODE

Channel	DMX Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Red 0 - 100%
3	000 - 255	Green 0 - 100%
4	000 - 255	Blue 0 - 100%
5	000 - 255	White 0 - 100%
6	000 - 255	Amber 0 - 100%
7	000 - 255	Purple (UV) 0 - 100%
8	000 - 009	No function
	010 - 255	Strobe (1~20Hz)
9		Color Macros & White Balance
	000 - 010	No function
	011 - 030	Red 100%, Green 0%~100%, Blue 0%
	031 - 050	Red 100%~0%, Green 100%, Blue 0%
	051 - 070	Red 0%, Green 100%, Blue 0%~100%
	071 - 090	Red 0%, Green 100%~0%, Blue 100%
	091 - 110	Red 0%~100%, Green 0%, Blue 100%
	111 - 130	Red 100%, Green 0%, Blue 100%~0%
	131 - 150	Red 100%, Green 0%~100%, Blue 0%~100%
	151 - 170	Red 100%~0%, Green 100%~0%, Blue 100%
	171 - 200	Red 100%, Green 100%, Blue 100%, White 100%
	201 - 205	White 1
	206 - 210	White 2
	211 - 215	White 3
	216 - 220	White 4
	221 - 225	White 5
	226 - 230	White 6
	231 - 235	White 7
	236 - 240	White 8
	241 - 245	White 9
246 - 250	White 10	
251 - 255	White 11	
10	000 - 015	No function
	016 - 039	Auto Pro 01
	040 - 063	Auto Pro 02
	064 - 087	Auto Pro 03
	088 - 111	Auto Pro 04
	112 - 135	Auto Pro 05
	136 - 159	Auto Pro 06
	160 - 183	Auto Pro 07
	184 - 207	Auto Pro 08
	208 - 231	Auto Pro 09
	232 - 255	Auto Pro 10

Channel	DMX Value	Function
11	000 - 255	Auto programs speed (slow-fast) for Auto 1 ~ Auto 10
12	000 – 051	Default Dimmer (Use the control panel set dimmer mode)
	052 – 101	Dimmer Curves OFF, instant dimmer
	102 – 152	Dimmer speed [ Fast ], Non-Linear Dimmer (Fast)
	153 – 203	Dimmer speed [ Medium ], Non-Linear Dimmer (Medium speed)
	204- 255	Dimmer speed [ Slow ] , Non-Linear Dimmer 3 )

## 8 CH MODE

Channel	DMX Value	Function
1	000 - 255	Master Dimmer
2	000 - 255	Red 0 - 100%
3	000 - 255	Green 0 - 100%
4	000 - 255	Blue 0 - 100%
5	000 - 255	White 0 - 100%
6	000 - 255	Amber 0 - 100%
7	000 - 255	Purple (UV) 0 – 100%
8	000 - 009	No function
	010 - 255	Strobe (1~20Hz)

## 6 CH MODE

Channel	DMX Value	Function
1	000 - 255	Red 0 - 100%
2	000 - 255	Green 0 - 100%
3	000 - 255	Blue 0 - 100%
4	000 - 255	White 0 - 100%
5	000 - 255	Amber 0 - 100%
6	000 - 255	Purple (UV) 0 – 100%

## HSV CH MODE

Channel	DMX Value	Function
1	000 - 255	Hue 0 - 100% (H)
2	000 - 255	Saturation 0 - 100% (S)
3	000 - 255	Brightness 0 - 100% (V)

## HSI CH MODE

Channel	DMX Value	Function
1	000 - 255	Hue 0 - 100% (H)
2	000 - 255	Saturation 0 - 100% (S)
3	000 - 255	Intensity 0 - 100% (I)



# BX-LPP6-10Q6

## COMPACT LED PRO PAR 6x10W Q6 (RGBWA+UV)

### Feature:

The **BX-LPP6-10Q6** Compact LED Pro Par offers a perfect solution for all sorts of stage and club lighting where a reliable RGBWA+UV LED lighting source is being required. This Par differentiate themselves by extra attention for the quality of individual components.

Due to a special selection of LED's the Compact Par can generate very saturated and intense colours. This Compact Par can be used within 30cm truss.

### Application Area:

The BX-LPP6-10Q6 LED Pro Par Compact is very suitable for clubs & bars to large rental applications.

## TECHNICAL SPECIFICATIONS

	<b>BX-LPP6-10Q6</b>
LED Quantity	6 pcs 10W 6in1 LEDs
CCT	RGBWA+UV
Light Angle	25°
Lifespan of LEDs	50.000 Hrs
Display	Blue background LCD
Control	DMX512, Automatic, Static & Master/Slave Mode
Channel	6 / 8 / 12 CHs / HSV / HSI
DMX512 Connection	3-Pin XLR
Dimmer	Master Dimmer 0-100%
Strobe	Slow-Fast (1-30Hz)
Flicker Free	100%
Certification	CE
Protection Level	IP20
Working environment	Indoor
Material	Die-cast Aluminum Housing
Colour	Black
Lens	Tempered glass front cover lens
Input Voltage	AC110~240V AC,50/60Hz
Fuse	T1A, 250V
Cooling System	Smart Cooling system, NO fan!
Power Consumption	60W
Maximum Ambient Temperature Ta	40°C
Maximum housing Temperature TC	65°C
Min. Distance From Flammable Surfaces	0,5m
Min. Distance To Lightes Object	0,1m
Power Connections	Neutrik PowerCon In/Out
Bracket	Double U-Bracket
Accessories	Standard PowerConcable (included)
Dimensions	235 x 110 x 215 mm
Weight	2,6 Kg

BX-LPP6-10Q6

COMPACT LED PRO PAR 6x10W Q6  
(RGBWA+UV)



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