



LED PAR Light User's Manual

Model:LPC004/LPC005/LPC006

Attention

1. Please read these operating instructions carefully to familiarize you with basic operations of this unit BEFORE USE.
2. Without permitted, it is prohibited to spread the contents of this manual to others.
3. This manual is only to provide related information, and the contents of this manual will be changed at any time without notice.
4. Unless the instructions have already stated, please do not freely modified the unit.

Safety Tips

1. Before installation and maintenance, please confirm the power is OFF. make sure that the ventilation around the unit is good.
2. The lighting is designed for indoor demonstration, please do not use this product in a wet environment for long-term.
3. The use and maintenance of this unit should avoid contact with water. when using it outdoor, please take waterproofing measures.
4. Personnel, who to take the installation, operation and maintenance, must be familiar with the lighting performance. Most of the damage is resulted from unfamiliar with its performance.
5. Please do not face up to the luminous unit for a long time, so as not to cause discomfort to your eyes.
6. Please often wipe the unit with a clean cloth.

Button Specification

A : function; B : add C : subtract D : save
 Operate function : press A button will circulation 12 different function effect, digital before decimal point means function (refer to table) behind the decimal point number means function corresponding parameter . Press B or C can change the values. Press D affirm .

Parameters

Parameters	LPC004	LPC005	LPC006
Light source	18*8W 4-in-1 LED (RGBW)	18*8W 5-in-1 LED (RGBWY)	18*8W6-in-1LED(RGBWYUV)
Source life	50,000 hours		
Rating power	180W	200W	200W
Control mode	Auto / Sound/ DMX/ Master-slave		
DMX channel	9	10	11
size	290*290*200MM		
N.W./G.W	2.48/2.95KG	2.56/3.0KG	
PCS/CTN	6pcs/ carton		

LED display function Specification

Model	DISPLAY	Specification
LPC004, LPC005, LPC006	D001	Address code, (001—512) B, C button add and subtract values.
LPC004, LPC005, LPC006	P000	Colors shade, (00—255) B, C button change shade speed
LPC004, LPC005, LPC006	L000	Colors transition, (00—255) B, C change transition speed

Model	DISPLAY	Specification
LPC004, LPC005, LPC006	E000	Colors pulse transform, (00—255) B, C change pulse speed
LPC004, LPC005, LPC006	S0UD	Colors Sound
LPC004, LPC005, LPC006	R000	Red color choose, (000—255) B, C button change brightness
LPC004, LPC005, LPC006	G000	Green color choose, (000—255) B, C button change brightness
LPC004, LPC005, LPC006	B000	Blue color choose, (000—255) B, C button change brightness
LPC004, LPC005, LPC006	U000	White color choose, (000—255) B, C button change brightness
LPC005, LPC006	Y000	Yellow color choose, (000—255) B, C button change brightness
LPC006	P000	Purple color choose (000—255) B, C button change strobe
LPC004, LPC005, LPC006	F000	strobe, (000—255) B, C button change strobe

DMX512 Channels specification

Model	NO	Function	Specification
LPC004, LPC005, LPC006	CH1	General dimming	R, G, B, W, Y Color brightness control
LPC004, LPC005, LPC006	CH2	strobe	From slow to fast
LPC004, LPC005, LPC006	CH3	choose	0—50 : strobe and linear dimming ; 51—100 : shade ; 101—150 : transition ; 151—200 : pulse transform ;
LPC004, LPC005, LPC006	CH4	speed	C corresponding CH3, from slow to fast
LPC004, LPC005, LPC006	CH5	R dimming	R dimming, linear dimming, from dark to bright
LPC004, LPC005, LPC006	CH6	G dimming	G dimming, linear dimming, from dark to bright
LPC004, LPC005, LPC006	CH7	B dimming	B dimming, linear dimming, from dark to bright
LPC004, LPC005, LPC006	CH8	W dimming	W dimming, linear dimming, from dark to bright
LPC005, LPC006	CH9	Y dimming	Y dimming, linear dimming, from dark to bright
LPC006	CH10	P dimming	P dimming, linear dimming, from dark to bright

Current adjustment

User can adjust output current size :
 Via set adjust, press (D save button) keep 5 seconds can come in, then press (D save button) again , can save and quit the table

Model	display	Specification
LPC004, LPC005, LPC006	rL001	Red current, (00—99) B, C change current -limiting size, the bigger values the current subtract
LPC004, LPC005, LPC006	gL001	Green current, (00—99) B, C change current -limiting size, the bigger values the subtract
LPC004, LPC005, LPC006	bL001	Blue current, (00—99) B, C change current -limiting size, the bigger values the subtract
LPC004, LPC005, LPC006	UL001	White current, (00—99) B, C change current -limiting size, the bigger values the subtract
LPC005, LPC006	YL001	Yellow current, (00—99) B, C change current -limiting size, the bigger values the subtract, (00—99)
LPC006	PL001	Purple current, (00—99) B, C change current -limiting size, the bigger values the subtract, (00—99)

Master slave mode: connect by DMX cable, D001 mode is slave light while the first light is master one.

Big Dipper Laser Science And Technology Co., Ltd

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