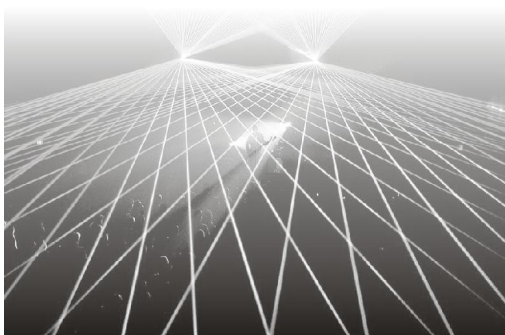


USER MANUAL



Laser show projector Celeb 18

Please read this manual carefully before using the product

Introduction

Thank you for purchasing this product. We always try to develop our product with high-tech and high performance to meet your requirement and exception.

The unit is designed strictly according to the international standard. The control way is single or master-slave in option. The manual include the skill parameter and detail instructions. Please read this manual carefully before using the product.

After reading it, please keep it in a safe place for future reference.

This unit has been tested at our factory before being shipped to you, there is no assembly required.

Once after receiving this product, please take and put carefully. And check cautiously that whether the product was damaged or not during the transportation.

Checking parts

Please check if the following parts are included:

1 x Light

1 x User manual

1 x Power cable

Danger Light Radiation!

Avoid direct eye exposure!

Light radiation can cause eye damage or skin damage

All protective measures for a safe operation of this light must be applied.

Note: based on the policy of our company constantly upgrade the product improvement and contained in this manual. Data is likely to change in the future, and will not notice the alterations, the company keep in Product improvement when change the power of the relevant specification data. If you want to know the specific upgrades, please contact with sales department of the company, thank you. The publisher of this manual will not for the information in this manual is accurate is responsible for, also not due to the information the relevant consequences of any responsibility.

⊙ SECURITY WARNINGS



Green package

Installation

1. Please check the voltage whether is the same with the one showed on the equipment or nor.
2. It must ask for the technical person and set the light safety when installation. And let the light beam at the suitable angle.
3. When install this equipment please make sure there's no flammable surface (decorated things, etc.) within at least 2.5M and maintain minimum distance of 0.5M from the equipment to the walls.
4. Please make sure that there's no other equipment or decoration materials obstructed the exhaust fan and the vent-pipe when the equipment is working.
5. Products should be install immobility and try to avoid strong shake or hit.
6. In case of safety, it's very important that to connect the earth with line.

Attention

1. Please do not open the bottom cover yourself without permission. Operate it according to the user manual. Call the technician when the machine breaks down.
2. Please do not see the light beam directly to avoid any damage.
3. Before connect or disconnect the power, please adjust the luminance of the diode to the least to avoid any damage to the diode.
4. This unit should be kept dry, do not use in the rain and dusty environment. It can be used outdoors with the water-proof cover projector.
5. Before connecting power, check the plug is immovable or not, power cable should be connected well.
6. Please do not open or close the equipment frequently that's to avoid any effect on the life span of the diode, and try the best to avoid long time working.
7. Due to the characteristic of the diode, after 4 hours working, it should be closed at least 25 minutes until the diode cools then work again.
8. Don't touch the light or draw the power cable when your hand is wet. And do not pull the electronic power line.
9. Maintain the distance at least 3M above from the equipment to the object.
10. This equipment does not have any parts that can be repaired by users, please do not open the equipment.
11. When the diode becomes dim or damaged please contact the dealer timely.
12. When you want to re-transfer the products, you'd better use the original packaging to shockproof.

Power supply and signal connection

1. Power supply

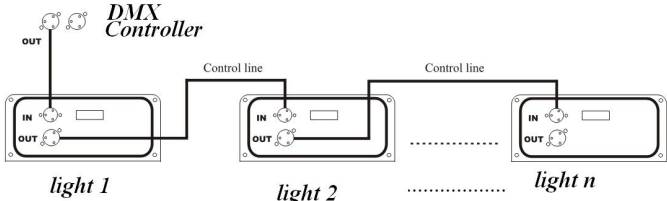
Connect the light to the main of the power supply with a dedicated plug, please make sure the voltage should be the same with the one shown on the equipment.

It's recommended that each fixture has an independent power switch to turn fixture on or off at any time.

2. Signal connection

This device accept DMX512(1990) digital signal, master or slave can work in music mode.

We provide circle 3-pin DMX cable to connect console and equipment. Please check the following picture



● **TFT screen menu list as following**

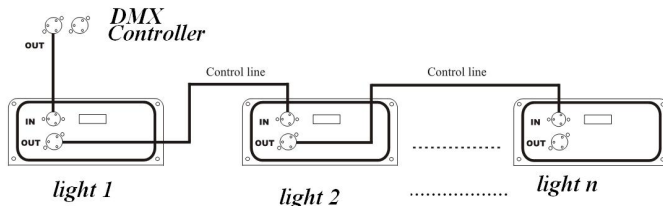
Menu	First menu	Secondary menu
DMX address	1 - 512	
Auto in-play	Fast Beat ON/OFF	
	Medium Beat ON/OFF	
	Slow Beat ON/OFF	
	Animation ON/OFF	
Music in-play	Fast Beat ON/OFF	
	Medium Beat ON/OFF	
	Slow Beat ON/OFF	

	Animation ON/OFF		
SD card Mode	Repeat ON/OFF	ONE / FILE / ALL	
	Music ON/OFF		
	Directory 1/8		
	File 1/48		
Test Mode	Image 1-3		
System Setting	Channel Setting 27CH / 52CH		
	Master / Slave ON/OFF		
	Scan-safety ON/OFF		
	EASY ILDA ON/OFF		
	Language CH/EN		
	Sound Sense 0-100		
	About	Channel Num	
		Operational Mode	
		DMX Address	
		Case temperature	
		Running Time	
Hardware version			
Software version			
Reset Setting			
Master Setting	Color RGB/G		
	Scan 15-40K		

	Brightness	0-255	
	Design		R Fade 0-255
			G Fade 0-255
			B Fade 0-255
			Zoom 0-255
			X Size 0-255
			Y Size 0-255
	Invert X	ON/OFF	
Invert Y	ON/OFF		

DMX Setting

Input DMX signal, and the link the DMX controller and the lights by the control line as the following picture, you can control the lights by the controller.



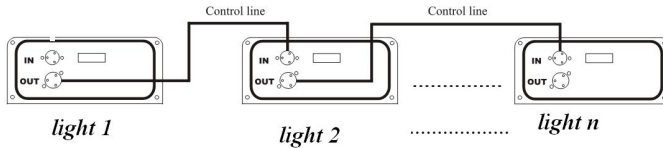
Any controller, each one must be its own address. The first light address is set to 1, the second light address code is set to 28 or 53 (the first light address 1 plus 27 or 52 channel), the third light on the 55 or 105.

DMX - 512 control mode as following :

Number	Address	LCD display(No.)
1	1	001
2	28 or 53	028 or 053
3	55 or 105	055 or 105
⋮	⋮	⋮

Master-slave Setting

Link the lights as the following picture (the light which does not receive signal, only output signal, will be the master light),



- **Using before please must be check power supply link with earth wire correctly.**
- **The specification of the front and rear panel:**
 1. Input rated voltage
 2. Fuse
 3. Power switch button
 4. Ground marking
 5. DMX IN/ DMX OUT: DMX signal output and input

Specification

1. Rated voltage: AC 100V - 240V 50/60Hz
2. Power consumption: 100W
3. Color: single color, RGB
4. Modulation: analog
5. Scanner: 40kpps
6. DMX512 channel: 27CH/52CH
7. Control mode: music/ auto/ DMX512/ ILDA/ master-slave/ SD card
8. Cooling requirements: air-cooled optimized airflow
9. Operating temperature: 0°C up to 35°C

● DMX-512 channel

CH1=32-63, CH2 - CH27 or CH2 - CH52 valid

CH1=64-127, CH2, CH6 valid

Channel	Parameter	Value	Parameter description	
CH1	IPLAY mode	0~31	Black	
		32~63	Manual play	
		64~95	Auto play	
		96~127	Music play	
	SD mode	128~159	Manual play	
		160~191	Auto play	
		192~223	Music play (one file)	
		224~255	Music play (all files loop)	
CH2	Dimmer	0~255	Fade 0% 100%	
CH3	CH28	Red	0~255	Fade 0% 100%
CH4	CH29	Green	0~255	Fade 0% 100%
CH5	CH30	Blue	0~255	Fade 0% 100%

CH6	CH31	List	0~255	Each 32 value be 1 list, total 8 list
		Macro		each 64 value be 1 macro, total 4 macro
CH7	CH32	Cue	0~15	Black
			16~255	Each 12 value be 1 cue, total 20 cues
CH8	CH33	X position	0~255	Left right (128 center)
CH9	CH34	X fine	0~255	X fine position
CH10	CH35	Y position	0~255	Downup (128 center)
CH11	CH36	Y fine	0~255	Y fine position
CH12	CH37	Rotation	0~255	Clockwise rotation (0°-360°)
CH13	CH38	Fine rotation	0~255	Fine rotation
CH14	CH39	Zoom	0~255	100%...0%
CH15	CH40	X flip	0~255	Left...right
CH16	CH41	Y flip	0~255	Down ... up
CH17	CH42	Color	0~7	Default
			8~15	White
			16~23	Red
			24~31	Yellow
			32~39	Green
			40~47	Cyan
			48~55	Blue
			56~63	Purple
			64~127	Each 8 value be 1 color effect, total 8
			128~143	Macro 1
			144~159	Macro 2
			160~175	Macro 3
			176~191	Macro 4
			192~207	Macro 5
208~223	Macro 6			

			224~239	Macro 7
			240~255	Macro 8
CH18	CH43	Write in	0~255	Visible point 100%-0
CH19	CH44	Deformation	0~15	Invalid
			16~31	Macro 1 (valid for 14CH 25CH)
			32~47	Macro 2 (valid for 14CH 25CH)
			48~63	Macro 3 (valid for 14CH 25CH)
			64~79	Macro 4 (valid for 14CH 25CH)
			80~95	Macro 5 (valid for 14CH 25CH)
			96~111	Macro 6 (valid for 14CH 25CH)
			112~127	Macro 7 (valid for 14CH 25CH)
			128~143	Macro 8 (valid for 14CH 25CH)
			144~159	Macro 9 (valid for 14CH 25CH)
			160~175	Macro 10 (valid for 14CH 25CH)
			176~191	Macro 11 (valid for 14CH 25CH)
			192~207	Macro 12 (valid for 14CH 25CH)
			208~223	Macro 13 (valid for 14CH 25CH)
			224~255	Default
CH20	CH45	Wave	0	Invalid
			1~39	Macro 1
			40~79	Macro 2
			80~119	Macro 3
			120~159	Macro 4
			160~199	Macro 5
			200~255	Macro 6
CH21	CH46	Write in	0	Invalid
			1~42	Macro 1
			43~84	Macro 2
			85~126	Macro 3

		Strobe	127~255	Slow... fast
CH22	CH47	X position	0	Invalid
			1~32	Macro 1
			33~64	Macro 2
			65~96	Macro 3
			97~128	Macro 4
			129~160	Macro 5
			161~192	Macro 6
			193~224	Macro 7
			225~255	Macro 8
CH23	CH48	Y position	0	Invalid
			1~32	Macro 1
			33~64	Macro 2
			65~96	Macro 3
			97~128	Macro 4
			129~160	Macro 5
			161~192	Macro 6
			193~224	Macro 7
			225~255	Macro 8
CH24	CH49	Z rotation	0	Invalid
			1~32	Macro 1
			33~64	Macro 2
			65~96	Macro 3
			97~128	Macro 4
			129~160	Macro 5
			161~192	Macro 6
			193~224	Macro 7
			225~255	Macro 8
CH25	CH50	Zoom	0	Invalid
			1~32	Macro 1
			33~64	Macro 2

			65~96	Macro 3
			97~128	Macro 4
			129~160	Macro 5
			161~192	Macro 6
			193~224	Macro 7
			225~255	Macro 8
CH26	CH51	X flip	0	Invalid
			1~32	Macro 1
			33~64	Macro 2
			65~96	Macro 3
			97~128	Macro 4
			129~160	Macro 5
			161~192	Macro 6
			193~224	Macro 7
225~255	Macro 8			
CH27	CH52	Y flip	0	Invalid
			1~32	Macro 1
			33~64	Macro 2
			65~96	Macro 3
			97~128	Macro 4
			129~160	Macro 5
			161~192	Macro 6
			193~224	Macro 7
225~255	Macro 8			

SD card 20CH

Channel	Parameter	Value	Parameter description
CH1	IPLAY mode	0~31	Black
		32~63	Manual play

	SD mode	64~95	Auto play
		96~127	Music play
		128~159	Manual play
		160~191	Auto play
		192~223	Music play (one file)
		224~255	Music play (all files loop)
CH2	Dimmer	0~255	Brightness 0% 100%
CH3	Red	0~255	Brightness 0% 100%
CH4	Green	0~255	Brightness 0% 100%
CH5	Blue	0~255	Brightness 0% 100%
CH6	List	0~255	Each 32 value be 1 list, total 8 list
	Macro		each 10 value be 1 macro, total 25 macro
CH7	Cue	0~15	Black
		16~255	Each 12 value be 1 cue, total 20 cues
CH8	X position	0~255	Left right (128 center)
CH9	X fine	0~255	X fine position
CH10	Y position	0~255	Updown (128 center)
CH11	Y fine	0~255	Y fine position
CH12	Rotation	0~255	Clockwise rotation (0°-360°)
CH13	Fine rotation	0~255	Fine rotation
CH14	Zoom	0~255	100%...0%
CH15	X flip	0~255	Left...right
CH16	Y flip	0~255	Down ... up
CH17	Color	0~31	Default
		32~63	White
		64~95	Red
		96~127	Yellow
		128~159	Green

		160~191	Cyan
		192~223	Blue
		224~255	Purple
CH18	Write in	0~255	Visible point 100%-0
CH19	Speed	0~15	Default
		16~31	Pause
		32~255	25% - 200%
CH20	Scan rate	0~31	Default
		32~223	6k - 29k
		224~255	30k

Auto in-play mode

In LCD display, UP/DOWN to select “Auto In-play”, Fast Beat, Medium Beat, Slow Beat and Animation for option

Music in-play mode

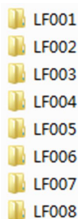
In LCD display, UP/DOWN to select “Music In-play”, Fast Beat, Medium Beat, Slow Beat and Animation for option

SD card play setting

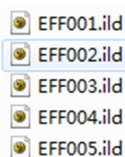
1). SD card with 8 fixed folders, each folder with 48 files(.ild). Select ALL, repeat play all the SD card file. Select ONE, repeat play one file in the folder.

2). The content of SD card can be played by console

1). In SD card, you can find 8 folders, folder naming rule as following



2). Add file (.ild) to folder, (note:file name could be number or letter, and should not exceed 32 letters) as following



3). Folder and content play sequence as following

The files in folder will be played in the order in which the files are copied to the SD card. That is, the first copied, first play. If you want to change the play sequence, you can copy them in the sequence you want. The folders will be played according to the fixed folder number(From LF001 ...LF008) in the sequence of copying.

SD card folder corresponding to English/Chinese name		
Folder	英文名(EN)	中文名(CH)
LF001	Animals	动物
LF002	Abstracts 1	简单几何
LF003	Abstracts 2	抽象几何
LF004	Music+Dancers	音乐&跳舞
LF005	People+Characters	人物&特性
LF006	Themes	主题
LF007	Logos+Text	Logo&文本
LF008	Shows	表演

Master-slave mode

Master

In LCD display, UP/DOWN select “system setting”, master/slave ON

Slave

In LCD display, UP/DOWN select “system setting”, master/slave OFF, set “DMX address” as 001

ILDA mode

ILDA signal prior, connect ilda cable, no need any setting. RJ45 connector, connect our ILDA box, LCD display, UP/DOWN select” system setting”, “EASY ILDA” ON

Maintenance

Maintenance should be performed every 3 month, different period according to the environment. Use a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror.

Always disconnect from the power before maintenance .

Warning

Do not look at the light source directly. Power must be disconnected before install and maintenance.

Declaration

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and the warning note written in his user manual.

We cannot be made liable for damages caused by incorrect installations and unskilled operation!

Product common breakdown comparison table	
breakdown cause	Major breakdown analysis and solution
The fixture no light or no work	<ol style="list-style-type: none"> 1.Check the power cable whether to connect the fixture, whether the fuse does bum out. 2.Check the input voltage whether to assign the voltage match with the fixture.
No sound control	<ol style="list-style-type: none"> 1.Check the address code or the display whether establishes according to the instruction booklet is the voice control pattern. 2.Check the potentiometer possibly moves is smallest, attempt to adjust the potentiometer.
The fixture can bright normally, but it not controlled by controller	<ol style="list-style-type: none"> 1. Please check the fixtures' DIP outset address setting whether correctly. 2.Please check the XLR signal cable whether be damage.
Master-slave mode, the master mode is normal, but slave mode is not normal	<ol style="list-style-type: none"> 1.Please conformed only one for the master and the master without DMX be connected, and to set master as sound control or auto pattern. 2.If the Master-slave setting is right but still have problem, please check the XLR connect cable.
The button malfunction, does not work.	<ol style="list-style-type: none"> 1.Check the buttons whether to have some button not to have the normal reset.
The fixtures' brightness obvious dim	<ol style="list-style-type: none"> 1.Check the LED tubes or the light already whether to be service life. 2.Check the internal and external optical system whether to be clean.
If above method cannot eliminate the fault, please consult the dealer.	