

www.purelightdj.co.uk

TEL: 0871 91 888 92



MODEL: PL182

260mW Tri-Beam Laser
200mW Red – 60mW Green



USER MANUAL

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Distributed within the UK by DDK LEISURE

Maintenance

Clean the Mirrors regularly. Do not use a wet cloth or chemicals; use a damp cloth. The maintenance period depends of the usage. It is recommended that the system should be cleaned every 30 days.

Warning

Power off any related system before maintenance.

Warranty

A full 12 month warranty is included when you purchase this laser. You must keep your receipt. And you must never enter the unit or your warranty will be void. Any problems with this laser should be directed to us on 0871 91 888 92


The end-user of this product should abide by the above instructions and warnings. Performing actions which are advised not to do so as stated by this manual may void the warranty.

Technical parameters

Parameters				
1	LASER diode	Red/Green		
2	Power supply	AC220/110V, 50/60HZ		
3	LASER power	Green Red	532nm 650nm	60mW 200mW
4	Scanner angle	+ / - 18°		
5	Channel	DMX 10 channels		
The detail of channel				
Channel No.		DMX512 value	Content	
1	Control mode	0-69	Shut off the LASER diode	
		70-139	Auto mode (music active)	
		140-209	Auto mode (auto active)	
		210-255	Manual model	
2	Pattern	0-33	Static pattern	
		34-255	Dynamic pattern	
3	Strobe	0-255	8 grade speed (0-255)/30=(0-8)	
4	Dot and line	0-69	Normal display	
		70-139	Dot and line display	
		140-209	Subsection display	
		210-255	Dot display	
5	Horizontal move	1-160	Manual move	
		161-190	Automatic loop (from left to right)	
		191-220	Automatic loop (from right to left)	
		221-255	Automatic loop (from right to left and left to right)	
6	Vertical move	1-160	Manual move	
		161-190	Automatic loop (from down to up)	
		191-220	Automatic loop (from up to down)	
		221-255	Automatic loop (from up to down and down to up)	
7	Zoom	0-2	Original size	
		3-92	Manual zoom	
		93-146	Automatic loop (from small to big)	
		147-200	Automatic loop (from big to small)	

			201-255	Automatic loop (from big to small and small to big)	
	8	Colour	0 ~ 255	Yellow-Green-Subsection(YGR)-Colour counter change(YRG)-Colour counter-Change by music.	
	9	Reset	0-255	The channel value is 200 or bigger Than 200, then the system reset.	
	10	color	0	Noting gradually draw	
			100	Manual setting figure the gradually draw of percent .	
			101-251	Color gradually display-color color take out – color erase effect	
			252-255	Sound switch color gradually display / color	Sound switch color gradually draw gradually erase effect .
6	Control mode		Sound/Auto-play/single pattern by DMX		
7	function		Red, Green and Yellow can be chosen freely. Saving static and dynamic patterns. Can be changed by DMX, easy to operate. when in automatic or sound working mode ,if the time of no sound last 10 second, the color of picture will change automatically.		
8	Effect		Displaying more than 50 light beams and patterns, displaying laser patterns specified by international laser display association, such as diffusing laser network. Slowly rotating color fan, time and space tunnel and fairy flowers. (Can be programmed with customers)		
9	Dimensions (mm)		285*160*230		
1	Net weight/Gross weight (KG)		3.75/4.5		

14. When to be transported, use the original package to avoid damage.

15.  This symbol indicating separate collection for electrical and electronic equipment.

Inspection

Check that the following components are present within the package when receiving system - from the list below:

- | | |
|--------------------------|-----------------|
| 1 x LASER display system | 1 x User manual |
| 1 x Power cable | 1 x DMX cable |

Installation

1. Be sure that there is no flammable or explosive objects nearby. The least clear proximity from the system should be 1.5 meters. At the same time, keep more than half a meter between the wall and LASER display system.
2. Be sure the power socket output voltage matches that off the LASER display system.
 3. The ventilation should not be Blocked by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc;
 4. The LASER display system should be statically fixed.
5. Make sure this laser is earthed through the mains outlet

USER MANUAL

Model: PL 182

Please read this manual carefully before operating the system.

Notices

1. This is class III (3b) Laser Product.
2. Do not dismantle or repair the system. Where there is a problem, please contact your local dealer.
3. Installation should be made by professional technician.
4. Do not exposure the system to wet and a dirty environment.
5. Do not forcefully pull on the power cable.
6. Do not turn the system on and off frequently.
7. Prevent the subjection of strong vibration or G-shock
8. Prevent foreign objects from entering the system.
9. Allow at least 1 meter of clear proximity from the system when installed.
10. Always take the safety key with you when not operating the laser.
11. Connect the power cable only when the system has been installed.
12. make sure the power cable is securely fitted.
13. Turn off the system for 25 minutes after running continuously for three hours; ensure the system is able to cool down in a suitable environment.

ADDRESS DMX address setup

1 .When the 10th dip switch is ON, the function of 1-9 codes are the following:

The 1st code is off---sound control mode

The 1st code is on---AUTO play mode

2. When the 10th code is off---DMX control

On the DMX 512 mode ,the LASER display system will shut off if the DMX 512 signal intermit