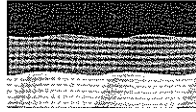


lightmaXX

PLATINUM LINE



Bedienungsanleitung

Seite: 1-5



User Manual

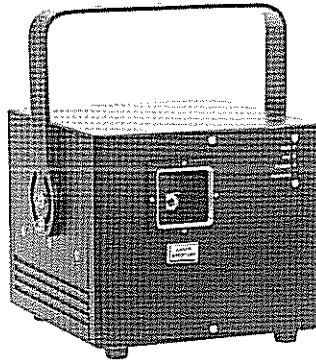
Q.LASE

400 RGB

Q.LASE

600 RGB

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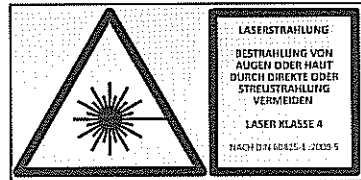
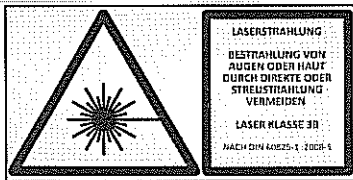
Lieber Kunde,
vielen Dank das Sie sich für ein Produkt von LightmaXX entschieden haben. In der folgenden Anleitung erhalten Sie wichtige Informationen über dieses Produkt sowie deren Eigenschaften und Funktionen.

!ACHTUNG!

Laserschutzbestimmungen:

Durch die starke Bündelung des Laserstrahls ist die gesamte Lichtenergie auf eine geringe Fläche konzentriert. Wird das menschliche Auge von diesem Strahl getroffen, kann dies Schädigungen hervorrufen. Insbesondere besteht die Gefahr von Augenverletzungen beim Blick in den direkten Strahl. Ist der Strahl abgelenkt, was bei den kompakten Showlasersystemen durch die Scanning Einheit fast immer der Fall ist, ist die Wirkung und somit die Gefahr des Strahls um ein Vielfaches geringer.

Entsprechend der möglichen Gefährdung werden Laser bzw. Geräte, die einen Laser enthalten, gemäß Unfallverhütungsvorschrift Laserstrahlung [BGV B2] in Klassen eingeteilt. 99% der aktuell auf dem Markt erhältlichen kompakten Showlaser und auch alle von uns angebotenen Laser gehören zur Schutzklasse 3b und 4. Diese Geräte sind somit genehmigungspflichtig. Zum sicheren Betrieb bei öffentlichen Veranstaltungen ist ein Laserschutzbeauftragter [Strahlenschutz gemäß VBG 93 §6 (BGV-B2)] zu bestellen. Bei Installationen in öffentlichen Gebäuden (Discotheken, Mehrzweckhallen, Gaststätten etc.) sind die Systeme vom örtlich zuständigen TÜV oder der Berufsgenossenschaft abzunehmen. Die in Deutschland gültigen Bestimmungen zum Betrieb einer Showlaser Anlage müssen beachtet werden. Informieren Sie sich hierzu bei Ihrer örtlichen Berufsgenossenschaft und der zuständigen TÜV Behörde.



Technische Daten:

Laserleistung: Q.LASE 400 RGY 400mW
Q.LASE 600 RGB 600mW

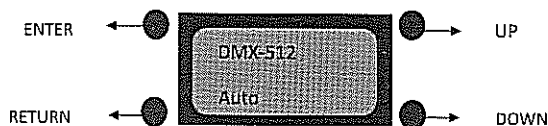
Scanner System: 30k High Speed Galvo Motoren
Funktions Modis: Sound to Light, Automatik Modus, Master/Slave, DMX 512, ILDA
Konventionelle Kühlung, KEINE LÜFTER!!!

Anschlusswerte: 240 V, 50 Hz / 40 Watt

Gewicht: 6,0 Kg

Betriebseinstellungen:

LCD FUNCTION SETTING



Mit den Tasten UP und DOWN wechseln Sie zwischen den Menü Unterpunkten
Mit der Taste ENTER bestätigen Sie Ihre Einstellung
Mit der Taste RETURN gelangen Sie wieder einen Menüschrift zurück

Menüführung:

1. Menü Ebene	2. Menü Ebene	3. Menü Ebene	4. Menü Ebene	
DMX512	Running A001 (DMX address)			
AUTO (auto running mode)	Running Effect 1 (Full show) Effect 2 (only beam) Effect 3 (only cartoon)			
Music (sound activate mode)	Running Effect 1 (Full show) Effect 2 (only beam) Effect 3 (only animation)			
Setting	Address	Choose DMX address		
	Light (LCD backlight setting)	OFF ON ON 5S (ON for 5 seconds) ON 10S (ON for 10 seconds)		
	Cartoon (Running speed)	Press UP and down to choose running speed from 1~99, 99 is the fastest		
	Master (set master unit)	OFF ON		
	LASER (size and color setting)	Size		(press up or down to choose the size of graphics)
		Color		1.Single color (7 colors) 2.RGY 3.GBC 4.RBP 5.RGB
Default (Restore default setting)	Yes No			

DMX Protokoll:

CH1	LASER OFF	0~41	LASER OFF
	Auto Activate	42~83	DMX mode, CH2~CH12 valid
		84~125	Build-in cartoon graphics auto running mode
		126~167	Build-in beam graphics auto running mode
	Sound Activate	168~209	Build-in beam graphics auto running mode
		210~251	Build-in cartoon graphics auto running mode
252~255		DMX mode, CH2~CH12 valid	
CH2	Pattern select	0~255	Selecting built-in patterns
CH3	Rotation	0~127	Manual rotation
		128~191	Auto counter-clockwise rotation (from slow to fast)
		192~255	Auto clockwise rotation (from slow to fast)
CH4	X axis rolling	0~127	Manual rolling
		128~255	Auto rolling (from slow to fast)
CH5	Y axis rolling	0~127	Manual rolling
		128~255	Auto rolling (from slow to fast)
CH6	X axis moving	0~127	Manual choose moving position
		128~255	Auto moving (from slow to fast)
CH7	Y axis moving	0~127	Manual choose moving position
		128~255	Auto moving (from slow to fast)
CH8	Pattern size	0~63	Choose pattern size, 0 is normal size, 1 is the smallest, 63 is the biggest
	Zooming	64~127	Auto zooming (-) from slow to fast
		128~191	Auto zooming (+) from slow to fast
		192~255	Manual zooming (+/-) from slow to fast
CH9	Drawing	0~255	Auto drawing from slow to fast
CH10	Scanning speed	0~127	Choose scanning speed from slow to fast
	Display dot	128~255	Choose the length of dot
CH11	Color setting	0~24	Normal color
		25~199	Choose every single color
		200~224	Every single color changing one by one
		225~255	All the colors together changing alternatively in one pattern
CH12	Color change speed	0~255	Adjust color changing speed from slow to fast

Service and repair

The Laser Show equipment has no major serviceable parts. Repair of electronic- components (transistors, IC's) or changing other parts are not allowed by untrained persons. If there is a problem with the Laser Show equipment, your local service engineer will help you with repair or replacement. We recommend shipping the Laser Show equipment to the manufacturer for reparation.

Attachments:

- | | |
|-----------------|------|
| 1. Laser Light: | 1PCS |
| 2. Power Cable: | 1PCS |
| 3. User Guide: | 1PCS |

WARNINGS

- Visible and invisible laser-light, direct beam can damage the human eye and the eyes of animals. Do not look at any Laser light directly.
- Do not touch the laser aperture with the hand. When cleaning the laser aperture, please use a soft cloth with alcohol or camera lens paper.
- Do not take apart or modify the equipment. Fire or electrical shock may result.
- In the unlikely event that you hear unusual noise, see smoke, feel excessive heat or smell anything unusual, immediately unplug the power source and contact your retailer. Continued use may result in fires or electrical shock.
- Do not use flammable sprays near this equipment. Also do not spill water, liquids, or flammable liquids on the equipment. If fluids enter this equipment and contact the electrical parts, fires or electrical shock may result. If anything enters the equipment, immediately unplug the power supply and contact your retailer.

Installation

1. Carefully inspect your Laser Show equipment after you unpack it. If any damage is evident, such as dents or scratches on the covers or broken knobs, etc., immediately notify your carrier and your local sales distributor.
2. Hang up the equipment in a safe place. Ensure there are no barriers in front of the laser aperture.

Features of the product:

1. Scanner system: 30K high speed optical scanner
2. Working Modes: Sound Active, Auto run, DMX512 (12 CH), Master/slave mode, ILDA mode.
3. Interface: 3 pins XLR jack for DMX or Maser-Slave linking; DB25 ILDA interface for PC control
4. Input power: AC 110V~240V, 50/60Hz. Rated power: 40W.
5. Packing Size: L*W*H=32*26*26CM; Weight: 6KG

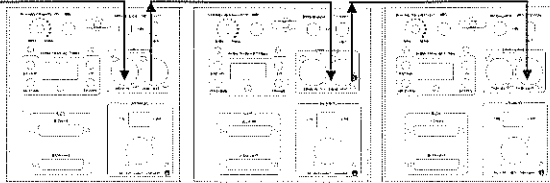
First Menu	Second Menu	Third Menu	Fourth Menu	
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	LASER (size and color setting)	Size		(press up or down to choose the size of graphics)
		Color		1.Single color (7 colors) 2.RGY 3.GBC 4.RBP 5.RGB
	Default (Restore default setting)	Yes No		

Universal DMX Operation (DMX mode)

This mode allows you to use universal DMX-512 console to operate.

1. Install the units in a suitable position.
2. Use standard XLR cable to connect your units together via the XLR connector on the rear of the units. For longer cable we suggest a terminator at the last fixture.
3. Assign a DMX address to each the unit using dipswitches.
4. Turn on all units. Use DMX console to control your units.

DMX Signal



Instruction for DMX channels

CH1	LASER OFF	0~41	LASER OFF
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		128~255	Auto rolling (from slow to fast)
CH6	X axis moving	0~127	Manual choose moving position
		128~255	Auto moving (from slow to fast)

CH7	Y axis	0~127	Manual choose moving position
	moving	128~255	Auto moving (from slow to fast)
CH8	Pattern size	0~63	Choose pattern size, 0 is normal size, 1 is the smallest, 63 is the biggest
	Zooming	64~127	Auto zooming (-) from slow to fast
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	Display dot	128~255	Choose the length of dot
CH11	Color setting	0~24	Normal color
		25~199	Choose every single color
		200~224	Every single color changing one by one
		225~255	All the colors together changing alternatively in one pattern
CH12	Color change speed	0~255	Adjust color changing speed from slow to fast

TROUBLE SHOOTING

1. If the power indicator is off and the laser doesn't work, please check the power supply and the input.
2. In Stand-Alone operation, if the power supply indicator is ON and sound active indicator is OFF, but the laser doesn't work.
 - A. The sound may be too small and cannot activate the laser running, please increase the music volume or increase sound sensitivity on rear panel.
 - B. Please check if unit has been set up in slave mode, or DMX mode.
3. In Master-Slave operation, slave units don't running, please check as below.
 - A. Make sure there's only one master in the chain, and the others are set in slave mode.
 - B. Make sure to use a good quality power cable and XLR connector.
4. In DMX operation, the unit can't be controlled by the DMX console, but the DMX signal indicator is flashing, please make sure the DMX console and unit have the same channel.

After trying the above solution you still cannot sort out the problem, please contact your dealer or our company for service

www.musicstore.com