

Troubleshooting

1. If the power supply indicator doesn't light up and the light doesn't work, please check the power supply, the input voltage and the fuse.
2. In Stand-Alone operation, if the power supply indicator is light up and sound active indicator isn't light up, but the light is shut off doesn't work.
 - A. Because sound is too small make for light shut off in sound active, please increase the music volume or increase audio sensitivity with sensitivity knob, please check as below.
 - B. Please check if unit has been set up in slave mode, then set up in master mode.
3. In Master-Slave operation, slave unit don't function, please check as below.
 - A. Make sure to there's only one master in the chain, and the others are set in slave mode.
 - B. Make sure to control the unit without DMX console controlling.
 - C. Make sure to take a good quality power cable and connection.

Warranty Warnings:

1. Damages caused by the disregard of this user manual are not subject to Warranty. The dealer will not accept liability for any resulting defects or problems.
2. Please consider that unauthorized modifications on the device are forbidden due to safety reasons. Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.
3. If this device will be operated in any way different to the one described in this manual, it may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns electric shock, etc.

After trying the above solution you still have a problem, please contact your dealer or our company for service.



LNGB16

16lens GB Mobile Laser net

User's Manual

ATTENTION: Read this manual before using. Do not attempt to open the housing or repair this device by yourself without contact us!

General Instructions









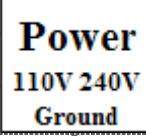

Unpacking:

Thank you for purchasing this product. Please read user guide for safety and operations information before using the product. Keep this manual for future reference. This product can create perfect light programs and effects since it has passed a series of strictly tests before delivery. Please check the attachments listed on the page after opening the carton. Immediately upon receiving a fixture, carefully unpack the box. Check the box contents to ensure that all parts are present and that they are in good condition. If any part appears damaged from shipping, or if the box shows signs of mishandling, notify the shipper immediately. In addition, retain the box and all the packing material for inspection. In any event, save the carton and all packing material because, in case that you have to return the fixture to the factory, you will have to do so in its original box, with its original packing.

What is included: 1* Light, 1*Power Cable, 1*User Guide

Safety Notice:

Please read the following notes carefully because they include important safety information about the installation, usage and maintenance of this product. It is important to read all these notes before starting to work with this product.

	There are no user serviceable parts inside the light. Any reference to servicing this unit you may find from now on in this User Manual will only apply to properly C we certified technicians. Do not open the housing or attempt any repairs unless you are one of them.
	Please refer to all applicable local codes and regulations for proper installation of the light.
	Keep this manual for future consultation. If you sell the light to another user, make sure that they also receive this manual.
	Avoid direct eye exposure to the light source while the fixture is on. Always disconnect the light from its power source before servicing. Always connect the light to a grounded circuit to avoid the risk of electrocution.
	This product is for indoor use only! Use only in dry locations. Keep this device away from rain and moisture, excessive heat, humidity and dust. Do not allow contact with water or any other fluids, or metallic objects.
	Make sure there are no flammable materials close to the fixture(s) while operating.
	Please prevent this light away from electrical shock
	When hanging this fixture, always secure it to a fastening device using a safety cable (not provided).
	Always make sure that you are connecting the light to the proper voltage, as per the specifications in this manual or on the product's sticker. Never connect the light to a dimmer pack. Make sure that the power cable is not cracked, crimped or damaged. Never disconnect the fixture by pulling or tugging on the power cable.
	The maximum ambient temperature (Ta) is 104 F (40 C). Do not operate the fixture at a higher temperature. In case of a serious operating problem, stop using this product immediately!

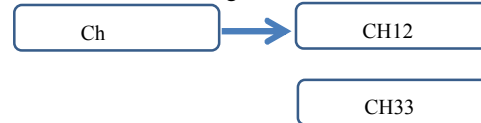
5. Numbers of laser lens



*On MENU mode, press MENU to display [**nUnb**] , Press ENTER to select the numbers of laser lens. Normally it can set 4—32.

*On the Numbers of laser lens mode, press UP/DOWN to increase or decrease numbers of laser lens 4 to 32pcs. Press ENTER to save the settings. Press MENU back to the previous setting.

6. DMX channel Setting

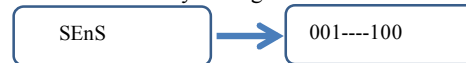


Actually this CH33 is CH17

*On the MENU mode, press MENU to display [**Ch**] , Press ENTER to set DMX512 channel.

*Press UP/DOWN to select CH12 or CH33. Press ENTER to save the setting. Press MENU back to the previous setting.

7. Sound sensitivity setting



*On the MENU mode, press MENU to display [**SEnS**] , Press ENTER to Sound sensitivity setting.

*Press UP/DOWN to increase/decrease the sensitivity value 001---100. Press ENTER to save the value. The higher value, the more sensitive the light is.

SodA	Sound random running the effects So.01---So.21
So.01	All flash
So.02	Odd number Sound flash, Even number ON
So.03	Odd number ON, Even number Sound flash
So.04	Odd and even number Sound flash alternately
So.05	Odd and even number Sound Jumping
So.06	Odd number Sound ON one by one, Even number ON
So.07	Odd number ON, Even number Sound ON one by one
So.08	Each one Sound moving
So.09	Each one Sound stream ON
So.10	4 Section Sound Jumping: 1,2,3,4
So.11	8 Section Sound Jumping: 1,2,3,4,5,6,7,8
So.12	8pcs/group Sound moving 1 position each time
So.13	2sections, 4pcs/group Sound moving 1 position each time
So.14	Sections, one by one Sound stream ON
So.15	One by one Sound ON from two sides to the middle
So.16	One by one Sound ON from the middle to the two sides
So.17	4sections/group moving
So.18	4sections/group moving 1 position each time
So.19	4sections/group ON
So.20	8sections/group moving
So.21	8section/group ON
So.22	4pcs/group ON/OFF Sound Stream
So.23	8pcs/group ON/OFF Sound Stream

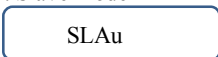
3. DMX512 mode



*On MENU mode, press MENU to select [dxxx] (xxx:001--512) , Press ENTER to DMX512 mode.

*On DMX512 mode, press UP/DOWN to increase or decrease DMX value 001---512. Press ENTER to save the value. Press MENU back to the previous mode.

4. Slave mode



*On the MENU mode, press MENU to display [SLAu], press ENTER to Slave mode.

	Use cleaning tissue to remove the dust absorbed on the external lenses periodically to optimize light output.
	Always replace with the exact same type fuse, replacement with anything other than the specified fuse can cause fire or electric shock and damage your unit, and will void your manufactures warranty.
	Do not remove or break the warranty label, otherwise it void the warranty.
	There are no serviceable parts in the light. Please have all servicing and adjustments made by a qualified service engineer.
	Don't throw this product away just as general trash, please dispose of this product following the abandon electronic product regulation in your country.
	To protect the environment, recycle packing material wherever possible.

Laser Expected Lifespan

Laser gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, Laser exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason when all color Laser are used at their fullest intensity, life of the Laser is significantly reduced. It is estimated that a viable lifespan of 5,000 to 10,000 hours will be achieved under normal operational conditions. If improving on this lifespan expectancy is of a higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity.

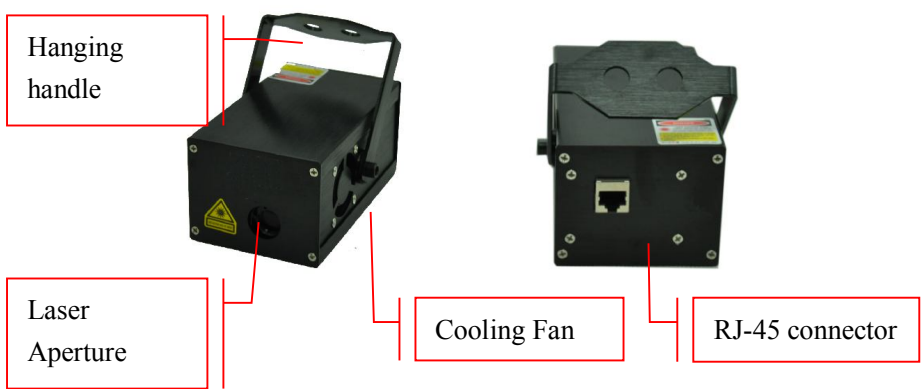
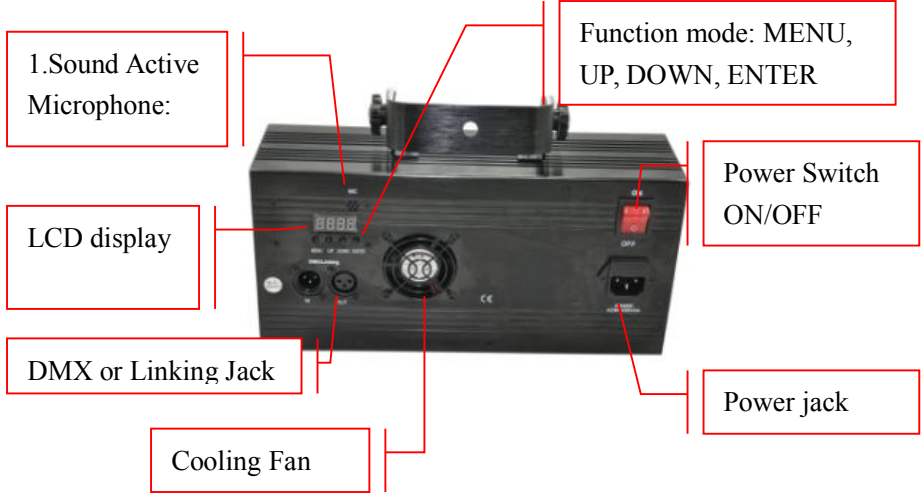
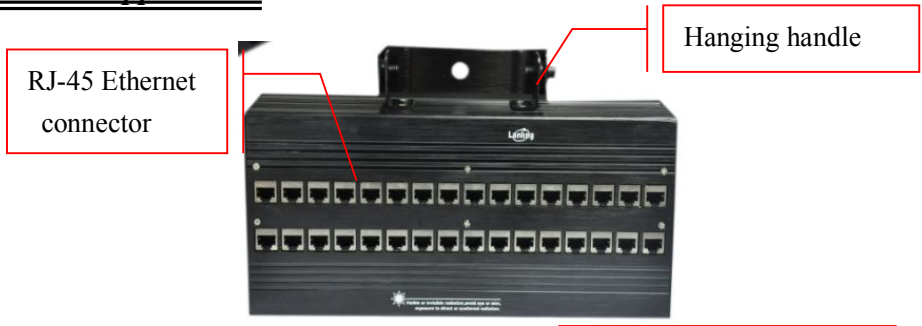
Technical Specification

Description: 16-Head Mobile Fat-Beam Laser Net

Laser power: 6000mW GB (8pcs 250mW Green + 8pcs 500mW Blue)

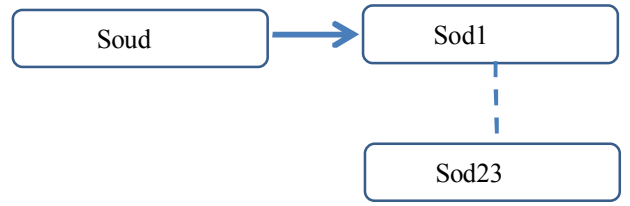
- ◆ Feature This laser net is an advanced fat beam show light which can create laser curtain effects. Support each laser controllable. n the DMX settings, it can set to the effects of all beams ON, one by one ON, flashing, crossing, etc. All the lasers can be mobile set into different corner with many kinds of laser shapes via RJ45 cables, such as circle, square, wave, crossed net, random shape, etc.
 - ◆ Play Mode Sound Active, AUTO, DMX, Master/Slave
 - ◆ DMX channel: 12 and or 33
 - ◆ 4 digital display
 - ◆ Power Supply Bi-Voltage 110V to 220V-250V, 50/60HZ, 50W
 - ◆ Net Weight 17Kg
 - ◆ Gross Weight 20Kg
 - ◆ Volume Weight 5.2Kg (/5000) or 4.4Kg(/6000), main control box
0.95Kg (/5000) or 0.8Kg(/6000), each small box
 - ◆ Inner Box Main Control Box: 450*224*198(0.02cbm)
Each small laser box:188*123*126(0.003cbm)
 - ◆ Outer Box Main Control Box: 450*224*198(0.02cbm)
16pcs small laser box: 518*394*548(0.112cbm)
- *Applicable Place: DJs, Bands, Bars, Pubs, Clubs, KTV, Family party, etc.

Fixture Appearance



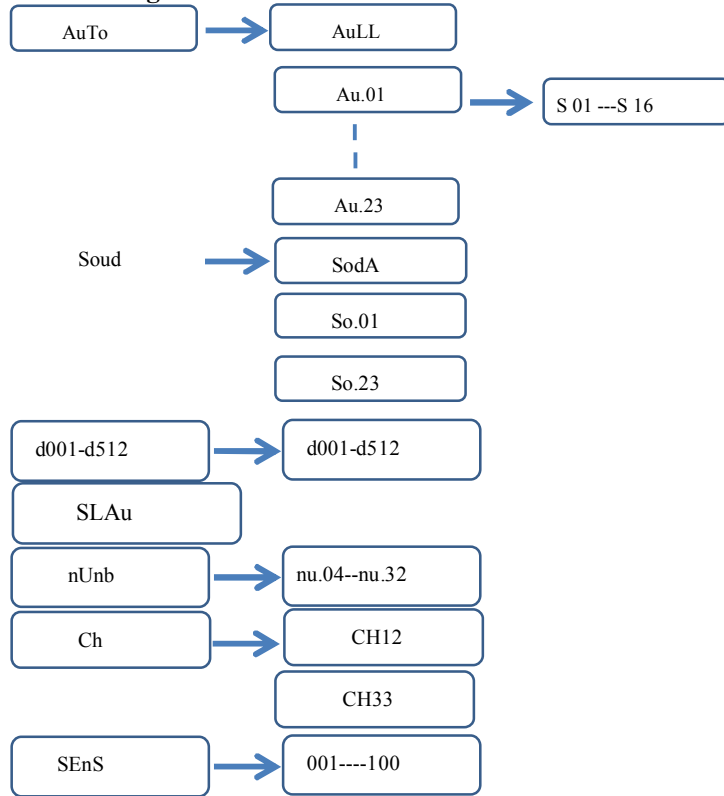
AuLL	AUTO random running the effects Au.01---Au.22
Au.01	All flash
Au.02	Odd number AUTO flash, Even number ON
Au.03	Odd number ON, Even number AUTO flash
Au.04	Odd and even number flash alternately
Au.05	Odd and even number Jumping
Au.06	Odd number ON one by one, Even number ON
Au.07	Odd number ON, Even number ON one by one
Au.08	Each one moving
Au.09	Each one ON stream
Au.10	4 Section Jumping: 1,2,3,4
Au.11	8 Section Jumping: 1,2,3,4,5,6,7,8
Au.12	8pcs/group moving 1 position each time
Au.13	2sections, 4pcs/group moving 1 position each time
Au.14	Sections, one by one stream ON
Au.15	One by one ON from two sides to the middle
Au.16	One by one ON from the middle to the two sides
Au.17	4sections/group moving
Au.18	4sections/group moving 1 position each time
Au.19	4sections/group ON
Au.20	8sections/group moving
Au.21	8section/group ON
Au.22	4pcs/group ON/OFF Stream
Au.23	8pcs/group ON/OFF Stream

2. Sound Mode



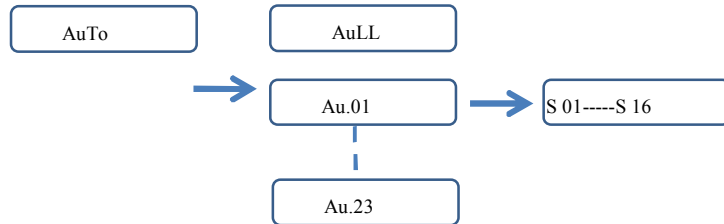
* On MENU mode, press MENU to [Soud], press ENTER to Sound mode. No light if there is no sound.
 * Press UP/DOWN to select 22kinds of sound modes: Soda So.01---So.21. Press ENTER to save.

Full LCD digital chart:



Digital function details:

1. AUTO mode:



* On the MENU, press the MENU to [AuTo], press ENTER to confirm this AUTO mode.

* Press UP/DOWN, select AuLL Au.01---Au.22 to run 23 kinds of AUTO mode.

* On the Speed setting mode, press UP/DOWN to set 15 kinds of speed level 01—16. The higher value, the faster speed is. Press ENTER to save speed value. Press MENU back to AUTO running mode.

Function & Setting

Sound Active

The change of the pattern is controlled by sound, that is, the rhythm of the sound control the effect of the changing light pattern.

AUTO

Auto cycles the built-in programs without being controlled externally. It has no light OFF.

Stand-Alone Operation (Sound Active, AUTO mode)

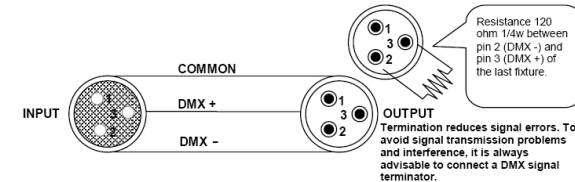
The mode allows a single unit to react to the beat of the music in the master mode.

1. Install the units in a suitable position (laying or appending).
2. Set dipswitch to select Sound Active or AUTO mode.
3. Turn on the unit power, the unit begins reset, then the unit begins working.
4. The unit will react to the low frequencies of music via the internal microphone. Adjust the audio sensitivity knob on the back of the unit to make the unit more or less sensitive in sound active. The panel has LED indicating for sound active.

Master-Slave Operation

This mode will allow you to link up to 32 units together without controller.

1. Install the units in a suitable position (laying or appending).
2. Choose a unit to function as Master mode, set dipswitch to select Sound Active or AUTO mode. The others must be set to Slave mode, set dipswitch to select Slave mode.
3. Use standard XLR microphone cable chain your units together via the XLR connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture.



Caution: Do not allow contact between the common and the fixture's chassis ground. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

4. Turn on the all units' power, the units begins reset, and then the unit begins working. The slave units will re-act the same as the master unit.
5. The units will react to the low frequencies of music via the internal microphone. Adjust the audio sensitivity knob on the back of the master unit to make the unit more or less sensitive in sound active. The panel has LED indicating for sound active.

Universal DMX Operation (DMX mode)

The system only accepts the DMX512 signal of international standard to control the system. This mode allows you to use universal DMX-512 console to operate.

1. Install the units in a suitable position (laying or appending).
2. Use standard XLR microphone cable chain your units together via the XLR connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture.
3. Turn on the all units' power, the units begins reset, and then the unit begins working.
4. Use DMX console to control your units.

DMX Control:

The light only accepts the DMX512 signal of international standard to control the light.

DMX Control Parameter Chart

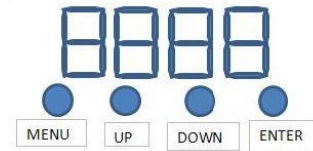
CH12 description:

Channel	Function	Value	Description		
1	Mode	0---63	All OFF		
		64---127	Sound mode, running SodA		
		128---191	AUTO mode, running AuLL		
		192---255	DMX512 mode, CH 2---12 working		
2	Stream Effect Selection	0---9	All flash		
		10---19	Odd Number flash, Even Number ON		
		20---29	Odd number ON, Odd number flash		
		30---39	Odd and even number flash alternately		
		40---49	Odd and even number Jumping		
		50---59	Odd number ON one by one, Even number ON		
		60---69	Odd number ON, Even number ON one by one		
		70---79	Each one moving		
		80---89	Each one ON		
		90---99	4 Section Jumping: 1,2,3,4		
		100---109	8 Section Jumping: 1,2,3,4,5,6,7,8		
		110---119	8pcs/group moving 1 position each time		
		120---129	2sections, 4pcs/group moving 1 position each time		
		130---139	Sections, one by one stream ON		
		140---149	One by one ON from two sides to the middle		
		150---159	One by one ON from the middle to the two sides		
		160---169	4sections/group moving		
		170---179	4sections/group moving 1 position each time		
		180---189	4sections/group ON		
		190---199	8sections/group moving		
		200---209	8section/group ON		
		210---219	4pcs/group ON/OFF Stream		
		220---229	8pcs/group ON/OFF Stream		
		230---255	Number 1--32 selection, 4pcs/section, CH4--CH12 working		
		3	Stream effects Control	0---127	AUTO stream, speed from slow to fast
				128---255	Sound Stream

17CH description

Channel	Function	Value	Description
1	Mode	0---63	Laser OFF
		64---127	Sound mode, running SodA
		128---191	AUTO mode, running AuLL
		192---255	DMX512 mode, CH2---CH33 working
2 to 17	laser1---laser16	0--63	Laser OFF
		64--127	Laser ON
		128--223	AUTO flash
		224--255	Sound Flash

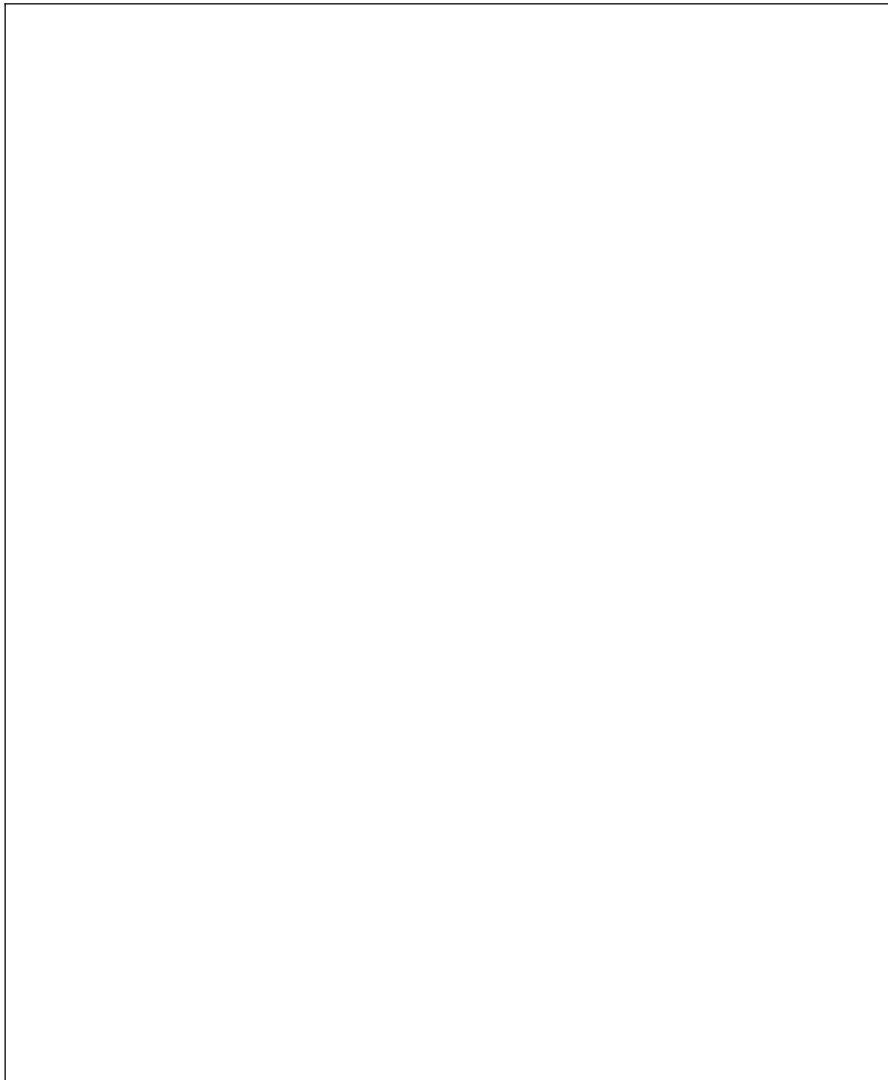
LCD Digital Display



MENU: Function mode selection, such as DMX512/Masterslave, AUTO strobe, Sound Active Strobe, Constant light on, brightness adjustment
DOWN/UP: previous or next, increase or decrease
Enter: confirm and save the selection

Sections on 32pcs lasers with details:

Odd number: laser1 laser3 laser5 laser7 laser9 laser11 laser13 laser15 laser17 laser19 laser21 laser23 laser25 laser27 laser29 laser31
Even number: laser2 laser4 laser6 laser8 laser10 laser12 laser14 laser16 laser18 laser20 laser22 laser24 laser26 laser28 laser30 laser32
2 sections: (1) section 1: laser1---laser16 (2) section 2: laser17---laser32
4 sections: (1) section 1:laser1---laser8 (2) section 2: laser9---laser16 (3) section 3:laser17---laser24 (4) section 4:laser25---laser32
8 sections: (1) laser1---laser4 (2) section 2: laser5---laser8 (3) section 3: laser9---laser12 (4) section 4: laser13---laser16 (5) section 5: laser17---laser20 (6) section 6: laser21---laser24 (7) section 7: laser25---laser28 (8) section 8: laser29---laser32



Channel	Function	Value	Description
4	Section1 laser1---laser4	0---15	Laser OFF
		16---31	laser1 ON
		32---47	laser2ON
		48---63	laser3 ON
		64---79	laser4 ON
		80---95	laser1 laser2 ON
		96---111	laser1 laser3 ON
		112---127	laser1 laser4 ON
		128---143	laser2 laser3 ON
		144---159	laser2 laser4 ON
		160---175	laser3 laser4 ON
		176---191	laser1 laser2 laser3 ON
		192---207	laser1 laser2 laser4 ON
		208---223	laser1 laser3 laser4 ON
224---239	laser2 laser3 laser4 ON		
240---255	laser1 laser2 laser3 laser4ON		
5	Section2 laser5---laser8	0---15	OFF
		16---31	laser5 ON
		32---47	laser6 ON
		48---63	laser7 ON
		64---79	laser8 ON
		80---95	laser5 laser6 ON
		96---111	laser5 laser7 ON
		112---127	laser5 laser8 ON
		128---143	laser6 laser7 ON
		144---159	laser6 laser8 ON
		160---175	laser7 laser8 ON
		176---191	laser5 laser6 laser7 ON
		192---207	laser5 laser6 laser8 ON
		208---223	laser5 laser7 laser8 ON
224---239	laser6 laser7 laser8ON		
240---255	laser5 laser6 laser7 laser8ON		

Channel	Function	Value	Description
6	Section3 laser9---laser12	0---15	OFF
		16---31	laser9 ON
		32---47	laser10ON
		48---63	laser11 ON
		64---79	laser12 ON
		80---95	laser9 laser10 ON
		96---111	laser9 laser11 ON
		112---127	laser9 laser12 ON
		128---143	laser10 laser11 ON
		144---159	laser10 laser12 ON
		160---175	laser11 laser12 ON
		176---191	laser9 laser10 laser11 ON
		192---207	laser9 laser10 laser12 ON
		208---223	laser9 laser11 laser12 ON
224---239	laser10 laser11 laser12 ON		
240---255	laser9 laser10 laser11 laser12ON		
7	Section4 laser13---laser16	0---15	OFF
		16---31	laser13 ON
		32---47	laser14 ON
		48---63	laser15 ON
		64---79	laser16 ON
		80---95	laser13 laser14 ON
		96---111	laser13 laser15 ON
		112---127	laser13 laser16 ON
		128---143	laser14 laser15 ON
		144---159	laser14 laser16 ON
		160---175	laser15 laser16 ON
		176---191	laser13 laser14 laser15 ON
		192---207	laser13 laser14 laser16 ON
		208---223	laser13 laser15 laser16 ON
224---239	laser14 laser15 laser16 ON		
240---255	laser13 laser14 laser15 laser16ON		
8	Section5	No use	

Channel	Function	Value	Description
9		No use	
10		No use	
11		No use	
12	Flash	0---63	No flash
		64---223	AUTO flash, speed from slow to fast
		224---255	Sound flash