



FOS technologies Glow II Ruchomy LED Bar User Manual

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FOS GLOW

FOS technologies Glow II Ruchomy LED Bar



Unpacking

Thank you for choosing our products. For your own safety, please read this manual before installing the device. This manual covers the important information on installation and applications. Please install and operate the fixture with following instructions, make sure the power is off before opening the light or repairing. Meanwhile, please keep this manual well for future needs. It is made of a new type of high temperature strength of engineering plastics and cast aluminum casing with nice outlook. The fixture is designed and manufactured strictly following CE standards, complying with international standard DMX512 protocol. It's available independently controlled and linkable with each other for operation. And it is applicable for large-scale live performances, theater, studio, nightclubs and discos. 8+8 led red laser light which features high brightness and stability. Please carefully unpack it when you receive the fixture and check whether it is damaged during the transportation. And please check whether the following items are included inside the box:

- **Moving head**——One
- **Power cable**——One
- **Omega bracket**——Two
- **DMX signal cable**——One
- **User manual**——One
- **Safety cable**——One

Safety Instructions



CAUTION! Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching wires!

This device has left the factory in 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 warning notes written in this user manual.



Important: 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.

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature. This device falls under protection-class I. Therefore it is essential that the device be earthed. The electric connection must carry out by qualified person. The device shall only be used with rated voltage and frequency. Make sure that the available voltage is not higher than stated at the end of this manual. Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer. Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord. During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually. Please don't project the beam onto combustible substances. Fixtures cannot be installed on combustible substances, keep more than 50cm distance with wall for smooth air flow, so there should be no shelter for fans and ventilation for heat radiation. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Key Features

- **Voltage:** AC110-240V 50/60Hz
- **Max Power:** 80w

- **Source:** 8x3w led warm white, 8x3w led red laser,638nm_500mw
- **LED working lifetime:**50000 hours
- **Color temperature:** 3200k
- **Channel:** 23 channels
- **Laser Pattern:** Various Thick Beam Effect Patterns
- **Control mode:** DMX-512 signal control, self-propelled mode, sound control mode.
- **Working environment:** Indoor
- **Fixture size:** 107*8*6.8CM
- **Packing size(1in1) :** 110*15*21cm
- **N. W:** 9.5kg **G W:** 10.2kg
- **Packing size 2in1 :** 113*34*25cm
- **G W:** 21kg

Operation Instructions

- The moving head is for laser purpose.
- Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature.
- This light should be keep away from strong shaking during any transportation or movement.
- Don't pull up the light by only the head, or it might cause damages to the mechanical parts.
- Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And don't lay any power cables on the floor. Or it might cause electronic shock to the people.
- Make sure the installation place is in good safety condition before installing the fixture.
- Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.
- Make sure the lens are in good condition. It's recommended to replace the units if there are any damages or severe scratch.
- Make sure the fixture is operated by qualified personnel who knows the fixture before using.
- Keep the original packages if any second shipment is needed.
- Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.
- It is not in warranty range if there are any malfunctions from not following the user manual to operate or any illegal operation, like shock short circuit, electronic shock, lamp broke, etc.

Display menu control

- ADDR A001-A512 address code
- SLND MAST, SLAV
- SHND SOUD, AUTO voice control, selections
MANU LASER1-LASER8,STROBE, manual test
- SENS voice control sensitivity (0 off, 100 most sensitive)
- LED ON, OFF background light switch
- TEST automatic test
- VER V100 software version number

DMX Channels

23Channel Mode

CH	Function	DMX Value	Details
1	Tilt Motor	0-255	0—540°
2	Tilt Motor speed	0-255	From fast to slow
3	Dimmer	0-127	close
		128-255	open
4	Strobe	0-15	on
		16-255	From slow to fast
5	LED1	0-127	close
		128-255	open
6	LED2	0-127	close
		128-255	open
7	LED3	0-127	close
		128-255	open
8	LED4	0-127	close
		128-255	open
9	LED5	0-127	close
		128-255	open
10	LED6	0-127	close

		128-255	open
11	LED7	0-127	close
		128-255	open
12	LED8	0-127	close
		128-255	open
13	laser1	0-127	close
		128-255	open
14	Laser2	0-127	close
		128-255	open
15	Laser3	0-127	close
		128-255	open
16	Laser4	0-127	close
		128-255	open
17	Laser5	0-127	close
		128-255	open
18	Laser6	0-127	close
		128-255	open
19	Laser7	0-127	close
		128-255	open
20	Laser8	0-127	close
		128-255	open
21	Built-in effect	0-15	No function
		16-255	Auto effect(128—255Motor controlled by CH1 and CH2)
22	Speed of effect	0-255	From slow to fast
23	Reset	0-249	No function
		250—255	250—255Whole machine reset(Numerical retention 5 seconds)

Maintenance and Cleaning

The following points have to be considered during the inspection:

1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
2. There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling,

suspension, trussing).

3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.




CAUTION! Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

1. Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
2. Clean the fan each week.
3. A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents. There are no serviceable parts inside the device. Please refer to the instructions under “Installation instructions”.

Documents / Resources

 <p>FOS GLOW II L005456</p> <p>NEW PRODUCT PLEASE KEEP THIS MANUAL FOR FUTURE USE</p>	<p>FOS technologies Glow II Ruchomy LED Bar [pdf] User Manual L005456, Glow II, Ruchomy LED Bar, Glow II Ruchomy LED Bar, LED Bar</p>
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