



FOS Glow



Thank you for choosing our products. For your own safety, please read this manual before installing the device. This manual contains 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.

Safety Instructions

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

Note: Damages caused by disregard this manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

The electric connection must carry out by qualified person. The device shall only be used with rate 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

- Power supply: AC110-240V 50/60Hz
- Power consumption: 80w
- Source: 8x3w led warm white, 8x3w led red laser, 638nm_500mw
- LED working lifetime:50000 hours
- Color temperature: 3200k
- Channel: 7/9/18/24 four channel mode
- Laser Pattern: Single thick beam for each laser output
- Control mode: DMX-512 signal control, auto mode, sound, control mode.
- Cooling system: fan forced cooling system
- Working environment: indoor
- Fixture size: 1070 x 80 x 68 mm
- Packing size (1in1) : 1150 x 160 x 260 mm
- Net Weight: 8.3kg, Gross Weight: 9.5kg
- Packing size (2in1) : 1200 x 390 x 290 mm

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 kept 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 is 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

Addre	001-512	512 address setting
Chnd	07CH	07CH settings
	09CH	09CH settings
	18CH	18CH settings
	24CH	24CH settings
Slnd	Auto	Auto mode
	Sound	Sound mode
	Slve 1	Console mode
	Slve 2	Auxiliary machine
Shnd	Sh 0-9	Effect 0 - Effect 9
Auto Speed	0-100	Auto speed
Sound Sense	0-100	Sound sensitivity
Nodmx Set	Blac	No 512 signal to
	Auto	No 512 signal Auto
	Sound	No 512 signal
LED	OFF	Open off the screen

	ON	Close off the screen
Disp	Yes	Turn off the display
	ON	Turn on the display
RPan	OFF	X motor is turning
	ON	X motor reversal
Rest	YES	System reset

DMX Charts

7 Channels

CH	DMX Value	Function
1	0-255	<i>X motor operation</i>
2	0-255	<i>X motor speed</i>
3	0-255	<i>0-255 overall</i>
4	0-127	<i>LED Auto built-in</i>
	128-255	<i>LED sound control</i>
5	0-127	<i>Auto built-in effect</i>
	128-255	<i>Sound control built-in</i>
6	128-255	<i>Speed/sound</i>
7	128-255	<i>Reset</i>

9 Channels

CH	DMX Value	Function
1	0-255	<i>X motor operation</i>
2	0-255	<i>X motor speed</i>
3	0-255	Overall brightness
4	0-255	Strobe speed
5	0-255	Laser Auto effect
6	0-255	Laser Auto speed
7	0-255	LED Auto effect
8	0-255	LED Auto speed
9	250-255	Reset

18 Channels

CH	DMX Value	Function
1	0-255	X motor operation
2	0-255	X motor speed
3	0-255	BAR1 brightness
4	0-255	BAR2 brightness
5	0-255	BAR3 brightness
6	0-255	BAR4 brightness
7	0-255	BAR5 brightness

8	0-255	BAR6 brightness
9	0-255	BAR7 brightness
10	0-255	BAR8 brightness
11	0-255	Group 1 white bright
12	0-255	Group 2 white bright
13	0-255	Group 3 white bright
14	0-255	Group 4 white bright
15	0-255	Group 5 white bright
16	0-255	Group 6 white bright
17	0-255	Group 7 white bright
18	0-255	Group 8 white bright

24 Channels

CH	DMX Value	Function
1	0-255	X motor operation
2	0-255	X motor speed
3	0-255	Overall brightness
4	0-255	BAR1 brightness
5	0-255	BAR2 brightness
6	0-255	BAR3 brightness
7	0-255	BAR4 brightness
8	0-255	BAR5 brightness
9	0-255	BAR6 brightness

10	0-255	BAR7 brightness
11	0-255	BAR8 brightness
12	0-255	Group 1 white bright
13	0-255	Group 2 white bright
14	0-255	Group 3 white bright
15	0-255	Group 4 white bright
16	0-255	Group 5 white bright
17	0-255	Group 6 white bright
18	0-255	Group 7 white bright
19	0-255	Group 8 white bright
20	0-255	Strobe speed
21	0-127	LED Auto built-in
	128-255	LED sound control
22	0-127	LED Auto built-in
	128-255	Sound control built-in
23	0-127	Speed/sound
24	128-255	Reset

Maintenance and Cleaning

The following points must be considered during the inspection:

1. All screws for installing the devices or parts of the device must 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 must be adhered by a skilled installer and any safety problems must be removed.

Note: Disconnect mains before starting maintenance process!

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

- Clean the inside and outside lens each week to avoid the weakens of the lights due to accumulation of dust.
- Clean the fan each week.
- 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”.