



JB LIGHTING M18 Profile with Multi Spectral Instructions

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Safety instruction



WARNING: For your own safety, please read this safety instructions carefully before you initial start-up. !

This device has left our company 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 manual.

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

Please consider that damages caused by manual modifications to the device are not subject to warranty.



WARNING: This device is for professional use only! Protection rating IP 20 – only for indoor use!

WARNING: JB-Lighting Lichtenlagentechnik GmbH does not authorize or warrant its products for use in life support systems. Life support systems are equipment intended to support or sustain life, and whose failure to perform, when properly used in accordance with instructions provided, can be reasonably expected to result in personal injury or death. This product conforms to the European Community Directives:

- Low voltage directive 2014/35/EU
- Electromagnetic Compatibility 2014/30/EU

WARNING: Disconnect the fixture from mains before you remove any cover of the fixture. With a high voltage you can suffer a dangerous electric shock when touching alive wires and electrical parts under covers!

Make sure that the available voltage is not higher than listed on the specification plate of the fixture. This fixture should be operated only from the type of power source indicated on the specification plate. If you are not sure of the type of power supplied, consult your authorized distributor or local power company

Always disconnect the fixture from AC power before cleaning, removing or installing the fuse, or any part.

The power plug has to be accessible after installing the fixture. Do not overload wall outlets and extension cords as this can result in fire or electric shock. Do not allow anything to rest on the power cord. Do not locate this fixture where the cord may be damaged by persons walking on it.

Make sure that the power cord is never crimped or damaged by sharp edges. Check the fixture and the power cord from time to time.

Refer servicing to qualified technician!



WARNING: This fixture falls under protection class I. Therefore this fixture has to be connected to a mains socket outlet with ! a protective earthing connection.

Do not connect this fixture to a dimmer pack.

During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.

Do not touch the device's housing bare hands during its operation (housing becomes hot)!

For replacement use a fuse of same type and rating only. It's a SMD fuse soldered on the head board. Refer servicing to qualified technicians!



CAUTION: EYE DAMAGE! Do not look into the light source for an extended period of time. This may be harmful to the eyes.

Warning: potentially hazardous radiation – risk group 2 based on DIN EN 62471

If the fixture has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

If the M18 Profile is operated below 20° the gobo / prism changing and the gobo / prism rotation is reduced in speed. This is a protective mechanism of the M18 Profile because at low temperatures, the lubricant is relatively tough in the rotation effects and thus can cause a “swallow” of the effect. From 21° internal temperature of the headlight is running normally! This temperature is reached quickly after a short operation time!

Do not shake the fixture. Avoid brute force when installing or operating the fixture.

This fixture was designed for indoor use only, do not expose this unit to rain or use near water.

When choosing the installation spot, please make sure that the fixture is not exposed to extreme heat, moisture or dust.

Air vents and slots in the fixture's head and base are provided for ventilation, to ensure reliable operation of the device and to protect it from overheating.

Do not block the front objective lens with any object when the fixture is under operation.

The openings should never be covered with cloth or other materials, and never must be blocked.

The fixture becomes hot during operation. Allow the fixture to cool approximately 20 minutes prior to manipulate with it.

This fixture should not be placed in a built-in installation unless proper ventilation is provided.

Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.

Always use a secondary safety cable when mounting this fixture.

Make sure that the area below the installation place is blocked when rigging, disassembling or servicing the fixture.



WARNING: The minimum distance between light output and the illuminated surface must be more than 2 meters.

The maximum ambient temperature 45°C must never be exceeded.



WARNING: The lens has to be replaced when it is obviously damaged, so that its function is impaired, e. g. due to cracks or deep scratches!

Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device.

Most damages are the result of unprofessional operation!

Please use the original packaging or special designed flight cases if the device is to be transported.



WARNING: To avoid damage of the internal parts of the fixture head, never let the sunlight lights directly to the front lens, even ! when the fixture is not working!

Unpacking

This package contains the M18 Profile, two omega brackets with 1/4 turn fasteners, as well as a power cable with PowerCon connector (no cable in US model only PowerCon connector) and this security instruction. A manual is included one time per shipment. Open the top of the box and remove the omega brackets and the inlay. Remove the unit from the box. For any damage occurring during transport, report to the transport company immediately

Rigging the fixture

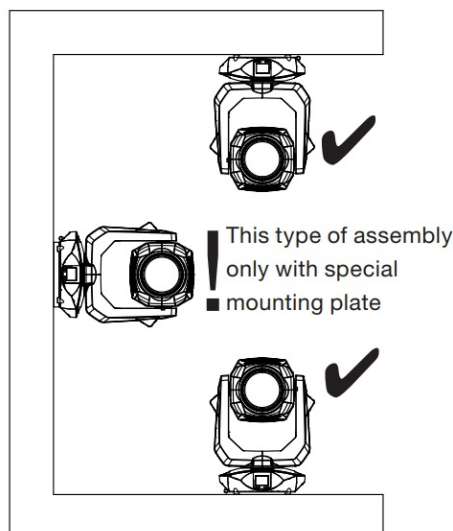
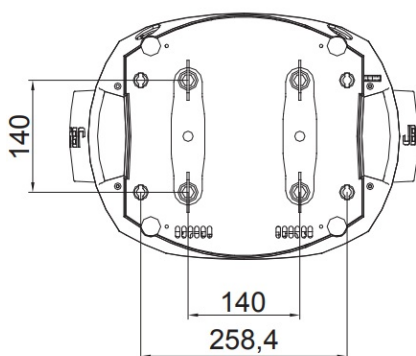


WARNING: Keep fixtures at least 0,5 meter away from high inflammable material! !

The M18 Profile can either be placed on the floor or hang on a trussing system. A mounting horizontally to a truss system is only with our special Camlock plate allowed (see picture).

When placing the unit on the floor make sure that it stands on rigid ground, because the air inlets in the base must not be covered with anything! To mount the unit on a trussing system use two of the original JB-Lighting omega brackets with original Camloc-connectors. The Camlocs must snap in to be locked properly. Ensure that the structure (truss) to which you are attaching the fixture is secure.

If you install the fixture to a truss always attach a safety cable, that can hold at least 10 times the weight of the fixture.




Read these safety instruction and the M18-Profile-manual before initial operation,.

You will find the manual under following link:

https://www.jb-lighting.de/download/Handbuch/M18_manual.pdf



Documents / Resources

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|  | <p>JB LIGHTING M18 Profile with Multi Spectral [pdf] Instructions</p> <p>M18 Profile with Multi Spectral, M18, Profile with Multi Spectral, Multi Spectral, Spectral</p> |
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References

- [User Manual](#)

Manuals+, Privacy Policy

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