

Installing /Connection with the mains

1. **DANGER TO LIFE!** The electric connection must only be carried out by a qualified electrician!
2. In order to connect the device to the mains, you have to install a power-plug.
3. The occupation of the connection-cables is as follows:

Cable	Pin	International
Brown	Live	L
Blue	Neutral	N
Yellow/Green	Earth	⏏

4. The earth has to be connected!
5. Connect the device to the mains with the power-plug.
6. If the device will be directly connected with the local power supply network, a disconnection switch with a minimum opening of 3 mm at every pole has to be included in the permanent electrical installation.
7. In general, lighting effects should not be connected to dimming-packs.
8. **DANGER TO LIFE!** Before taking into operation for the first time, the installation has to be approved by an expert!

OPERATION:

After you connected the spot to the mains, but you can't control the spots via your lighting controller.

Lamps

Use the following lamp only in MSR PAR fixtures.

Lamp code	W	C-temp	life hours
OSRAM GX9,5 MSR Metal Halide Lamp	575	7.200°K	1000 hour

TECHNICAL SPECIFICATIONS

Power supply:	230VAC, 50Hz
Power consumption	600W
Dimensions (L x W x H)	250 x 250 x 550mm
Weight	12.3 kg
Fitting lamp	MSR Metal Halide Lamp Base: GX9,5
Fuse	250V, 6.3A
Maximum ambient temperature T _a :	25° C
Maximum housing temperature T _s :	140° C
Minimum distance:	2 M


THE END

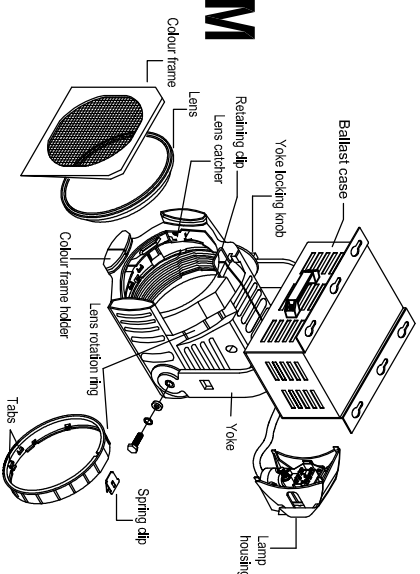
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MSR MULTI BEAM INSTRUCTION

MADE IN CHINA

IMPORTANT SAFETY INSTRUCTIONS

1. Before you initially start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.
2. **CAUTION!** Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires! Keep away from heaters and other heating sources!
3. **Do not** mount the device on or near combustible surfaces. **Do not** operate the device without a lens installed.
4. Always hang the device with the color frame retaining clip in the locked position.
5. This device falls under protection-class I, therefore it is essential that the yellow/green conductor gets connected to earth. The electric connection must be carried out by a qualified employee.
6. Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.
8. 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.
9. Shields, lenses or ultraviolet screens shall be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches.
10. Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
11. 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.
12. 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.
13. **DANGER OF BURNING!** Never touch the device during the operation! The housing heats up to the housing temperature T_{surface}.
14. Don't switch the device on and off in short intervals as this would reduce the lamp's life.
15. **HEALTH HAZARD!** Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics)!
16. Keep away children and amateurs from the device!
17. There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.
18. The symbol  determines the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 2 meter.



Accessories

Color frame	407CF	Wide Flood lens	400-WFL
Very Narrow Spot lens	400-VNSP	Set of four PAR lenses	400LS4
Narrow Spot lens	400-NSP	(VNSP, NSP, MFL, WFL)	
Medium Flood lens	400-MFL		

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