



MINI LED GOBO SPOT 10 / 30 / 60 W

SAFETY PRECAUTIONS

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture .
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside. Never operate this unit when it's cover is removed.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 15cm between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 25 for cleaning details.
- Heat -This fixture should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

- The fixture should be serviced by qualified service personnel when:
 - A) Objects have fallen, or liquid has been spilled into the appliance.
 - B) The appliance has been exposed to rain or water.
 - C) The appliance does not appear to operate normally or exhibits a marked change in performance.

OPERATING PARAMETERS

- This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- The minimum distance between light output and the illuminated surface must be bigger than 1 meter.
- The maximum ambient temperature of 40°C must never be exceeded.
- The relative humidity must not exceed 50% with an ambient temperature of 40°C
- If this device is operated in any other way than the one described in this manual, the product may suffer damage and the warranty becomes void.
- Any other operation may lead to danger, like short-circuit, burns, electric shock, crash, etc.

Specification	
Power Consumption	30 W / 50 W / 75 W
Supply parameters	100 - 240 V
Supply frequency	50 - 60 Hz
Diode type	Standard LED
Number of diodes	1
Diode power	10 W / 30 W / 60 W
Colour Wheel	7 + white
Gobo Wheel	7 patterns + open
Display	LED - 4 chars
Control	4 buttons
Dimming	smooth 0 - 100%
PAN range	540°
TILT range	270°
Number of DMX channels	9 / 11
Modes	DMX, Auto, Master/Slave, Sound
DMX IN	XLR
DMX OUT	XLR
Enclosure	ABS
Cooling	yes

MOUNTING

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary

safety attachment, e.g. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

The installation should be checked by a skilled person once a year

CONNECTIONS

1. The device has got IEC power input connection.
2. The device has got 3-pin DMX input and output connections.

POWER

1. You should connect this fixture with attached IEC -powerplug cable.
2. Please ensure all parameters of provided power supply match those required by the device.
3. In case of power cable damage, one should not attempt to fix those. Exchange or repair of power cable should be carried out only by qualified personnel.

MAINTENANCE

For best performance keep the unit clean. Otherwise the fixtures light-output will be significantly reduced. Disconnect the mains power supply, and then wipe the cover with a damp cloth.

Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Do not use alcohol solvents.

The front lens will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light-output very quickly.

The cooling fans, colour wheel, gobo wheel should be cleaned with a soft brush monthly. Please clean internal components once a year with a light brush and vacuum cleaner.

Keep connections clean. Disconnect electric power, and then wipe the DMX connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

FIXTURE MENU

The device has got an LCD display and four buttons to navigate its internal menu.

A - MENU

B - UP

C - DOWN

D - ENTER

Display	Value	Function
<i>Addr</i>	<i>ADD 1-R5 12</i>	DMX adress setting
<i>CHnd</i>	<i>11CH</i>	11 channel mode
	<i>9CH</i>	9 channel mode
<i>SLnd</i>	<i>Auto</i>	Master mode
	<i>SL 1</i>	Slave 1 mode
	<i>SL 2</i>	Slave 2 mode
<i>SHnd</i>	<i>SH 0</i>	built-in show #0
	<i>SH 1</i>	built-in show #1
	<i>SH 2</i>	built-in show #2
	<i>SH 3</i>	built-in show #3
<i>Sound</i>	<i>on</i>	Sound mode enabled
	<i>oFF</i>	Sound mode disabled
<i>SENS</i>	<i>0- 100</i>	Setting of internal microphone sensitivity
<i>bLnd</i>	<i>bLRc</i>	After DMX signal loss – blackout activated
	<i>Auto</i>	After DMX signal loss – automatic mode enabled
	<i>Sound</i>	After DMX signal loss –sound mode enabled
	<i>HoLd</i>	After DMX signal loss – hold last values received
<i>LEd</i>	<i>oFF</i>	Display Off
	<i>On</i>	Display On
<i>dISP</i>	<i>no</i>	Display normal
	<i>YES</i>	Display reversed by 180°
<i>rPAN</i>	<i>no</i>	PAN movement – standard
	<i>YES</i>	PAN movement - reversed
<i>rTIL</i>	<i>no</i>	TILT movement - standard
	<i>YES</i>	TILT movement - reversed
<i>rEST</i>	<i>YES</i>	Fixture reset

DMX CHANNELS

9CH	11CH	Value	Function
1	1	000-255	Pan
	2	000-255	Pan fine
2	3	000-255	Tilt
	4	000-255	Tilt fine
3	5	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129 130-139 140-255	Open Red Yellow Blue Green Orange Pink Cyan Cyan/Pink Pink/Orange Orange/Green Green/Blue Blue/Yellow Yellow/Red Color scroll; slow to fast
4	6	000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-255	Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Open Gobo 1 shake Gobo 2 shake Gobo 3 shake Gobo 4 shake Gobo 5 shake Gobo 6 shake Gobo 7 shake Gobo scroll; slow to fast
5	7	000-255	Strobe
6	8	000-255	Dimmer
7	9	000-255	P/T speed; fast to slow
8	10	000-059 060-084 085-109 110-134 135-159 160-184 185-209 210-234 235-255	no function Auto 3 Auto 2 Auto 1 Auto 0 Sound 3 Sound 2 Sound 1 Sound 0
9	11	000-249 250-255	no function Reset