

Owner's manual

LED PAR SPOT

Thank you for choosing one of our LED PAR spot lights. Please read this user manual carefully and follow the instructions to avoid danger or damage to the unit due to mishandling. Keep this user guide for future reference. If you give the unit to another user, be sure that he also receives this instruction booklet.

Safety instructions



You have to carefully read the instruction, which includes important information about the installation, usage and maintenance, **BEFORE** operating this device.

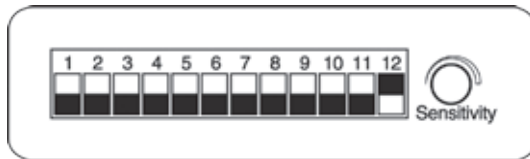
- ▶ This device is exclusively meant to be used as an effect light unit within the limits given in this manual. Using it in any other way you risk electric shock and warranty will become void.
- ▶ Unpack and check carefully there is no transportation damage before using the unit.
- ▶ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit as stated in this manual.
- ▶ It's important to ground the yellow/green conductor to earth in order to avoid electric shock. Never sever or manipulate any part of the mains connection. If a power cord is provided with an earth lead, this is mandatory to ensure safe operation! Otherwise a **LIFE THREATENING** situation exists!
- ▶ The unit is for indoor use only. Use it only in a dry location. Exposing the device to rain or moisture would cause the risk of electrical shock or fire.
- ▶ **DO NOT** let any liquids or objects enter the unit. Should any liquid be spilled on the unit, **DISCONNECT** the power supply to the unit immediately and contact the service company.
- ▶ The unit must be installed in a location with adequate ventilation, at least 15 cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- ▶ Check the surrounding area and make sure there are no flammable liquids, water or metal objects that could enter the fixture. If a foreign object or substance enters the unit, immediately disconnect the mains power.
- ▶ Disconnect the device from the mains power before any servicing or maintenance.
- ▶ Notice regarding power disconnection:
To disconnect the device from the power source the mains adaptor must be removed from the power socket. For this reason the device must be placed in a position where a constant unobstructed access to the

power socket is assured, thus in an emergency situation you are able to immediately pull out the mains adaptor. To eliminate the risk of fire you must completely disconnect the mains adaptor from the power socket after the device has been used.

- ▶ Always grasp the mains adaptor by the plug. Do not pull on the adaptor cord and never touch the mains adaptor with wet hands as this could result in a short circuit or an electrical shock. Do not place the device, speaker cabinets or anything else on the adaptor cord and make sure that it does not become clamped. Place the adaptor cord in a position where it can not be trod on. A damaged mains adaptor can cause a fire or an electrical shock. Check the mains adaptor and the adaptor cable from time to time. Should it become damaged contact our customer service centre to have it replaced.
- ▶ You have to ensure, that the mains adaptor never becomes wet during operation.
- ▶ Before a storm and/or a thunderstorm with a risk of lightning, disconnect the device from the mains power supply.
- ▶ Under no circumstances may you open the housing of the device. Should you do so your safety would not be assured and the warranty will become void. There are no operational components whatsoever inside, only ***dangerous voltages that can give you a deadly shock!***
- ▶ Never attempt any repairs by yourself. If the fixture shows any visible damage or in the unlikely event, that your fixture may require service, please contact your nearest dealer. Always use genuine spare parts.
- ▶ NEVER use the unit under the following conditions:
 - > In places subject to vibrations or bumps.
 - > In places with a temperature of over 45 °C or less than 2 °C.
 - > In places subject to excessive dryness or humidity (ideal conditions are between 35% and 80%).
- ▶ Never submerge the device in water or any other liquid. Only wipe it with a slightly damp cloth.
- ▶ This appliance must not be used by individuals (including children) with restricted physical, physiological or intellectual abilities or deficiencies in experience and/or knowledge unless they are supervised by a person responsible for their safety or receive from this person instruction in how the appliance is to be used.
- ▶ Keep children away from the device and mains adaptor! Children frequently underestimate the dangers of electrical devices. Also keep the plastic packaging well away from small children. There is a risk of suffocation!

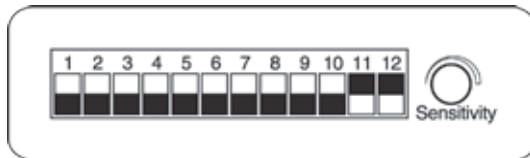
- ▶ In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance centre. Always use the same type spare parts.
- ▶ Never leave this device running unattended.
- ▶ Never look directly into the light source (sensitive persons may suffer an epileptic shock).

Sound action mode



Set dip switch 12 to ON. The LED PAR is controlled by music beat. With every music beat, another colour is shown. You may adjust the sensitivity with the potentiometer.

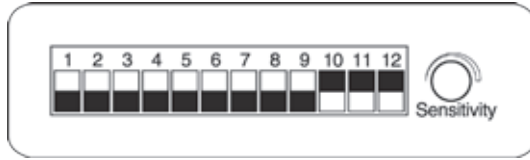
Mix colour mode



Set dip switches 11 and 12 to ON. The LED PAR is in fading mode then. Set dip switch 1 to ON to set the fading time to 2.5 seconds. The fade time may be selected by setting dip switches 1 to 9. The time is added.

DIP	1	2	3	4	5	6	7	8	9	1-9 OFF
time	2.5 s	5 s	7.5 s	10 s	15 s	20 s	40 s	80 s	160 s	640 s

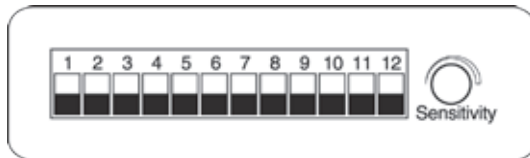
Manual mode



Set dip switches 10, 11 and 12 to ON. The unit is in manual mode then. In this mode you can set the colour brightness according to the following table:

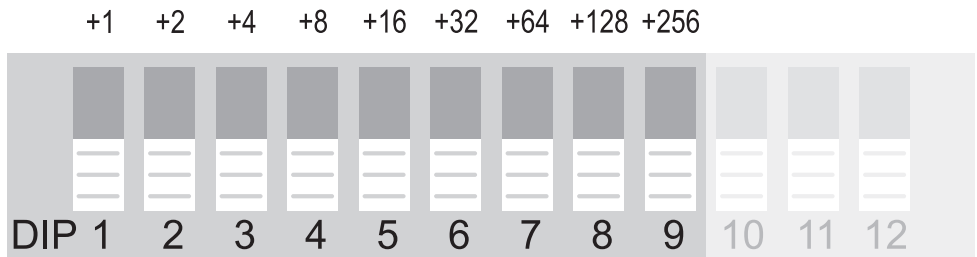
RED	DIP 1, 2	OFF/OFF	OFF/ON	ON/OFF	ON/ON
GREEN	DIP 3, 4				
BLUE	DIP 5, 6				
BRIGHTNESS		0	25%	50%	100%

DMX mode



Set dip switches 10, 11 and 12 to OFF. The unit is in DMX mode then and may be controlled by any DMX controller.

The DMX channels may be set in a range of 1 - 507 by dip switches 1 to 9. Dip switch 1 is the first channel, switch 9 is channel 256.



Channel usage is set up according to the following table:

CH-1	CH-2	CH-3	CH-4	CH-5	CH-6	CH-7
RED	GREEN	BLUE	MACRO	Speed/Strobe	MODE	Master DIM
0 = OFF	0 = OFF	0 = OFF	0-15 macro off	0 = OFF	0-31 = colour setting	0 - 255
1-255 = DIM	1-255 = DIM	1-255 = DIM		16-255 = strobe 16 steps of speed		
0-15 = OFF	0-15 = OFF	0-15 = OFF		0-255 speed		
16-255 = ON	16-255 = ON	16-255 = ON			64-95 = fade in	
0-15 = OFF	0-15 = OFF	0-15 = OFF			69-127 = fade in out	
16-255 = ON	16-255 = ON	16-255 = ON			128-159 = auto mix	
0-15 = OFF	0-15 = OFF	0-15 = OFF			160-191 = 3 colour chase	
16-255 = ON	16-255 = ON	16-255 = ON			192-223 = 7 colour chase	
n/a	n/a	n/a			n/a	
				8-255 = macro 31 steps of macro	16-255 = strobe 16 steps of speed	

Fixture cleaning

The cleaning of the fixtures must be carried out periodically to optimise light output. Cleaning frequency depends on the environment in which the fixture operates: a damp, smoky or particularly dirty surrounding can increase the accumulation of dirt.

- ▶ Clean with soft cloth using normal glass cleaning fluid.
- ▶ Always dry the parts carefully.
- ▶ Clean the fixture at least every 20 days.

Disposal

Do not dispose of the device at the end of his operating life in your normal domestic waste. This device is subject to the European Guidelines 2002/96/EC.

- ▶ Have the product disposed of by a professional disposal company or by your communal disposal facility.
- ▶ Observe the currently applicable regulations. In case of doubt contact your disposal facility.
- ▶ Dispose of packaging materials in an environmentally responsible manner.

