

*LED High Power PAR Light-120*

**Instruction Manual**

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**WARNING**

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!**

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

- Never let the power-cable come into contact with other cables. Handle the power-cable and all mains voltage connections with particular caution!
- Never remove warning or informative labels from the equipment.
- Do not open the equipment and do not modify the equipment.
- Do not connect this equipment to a dimmer-pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available voltage is between 110v/240v.
- Make sure that the power-cable is never crimped or damaged. Check the equipment and the power-cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately. Have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Prolight dealer for service.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- WARRANTY; One year from date of purchase.



DMX Dip Switch Quick Reference Chart

**Dip Switch Position**

DMX DIP SWITCH SET	#9	#8	#7	#6	DMX Address																	
					Dip Switch Position																	
					0=OFF 1=ON																	
					#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1				
0	1	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1	1				
1	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0				
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0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0				
1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0				
0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0				
1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0				

Dip Switch position

DMX Address

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### Notice:

- Be sure to follow figures 2 & 3 when making your own cables. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behaviour.

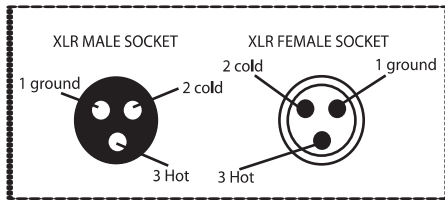
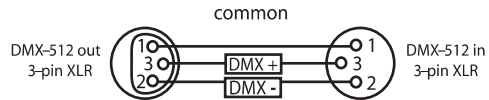


FIGURE 3

XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Negative
Pin 3 = Positive

FIGURE 2

### Special Note: Line termination:

- When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behaviour.



Termination reduces signal transmission problems and interference. It is always advisable to connect a DMX terminal, (resistance 120 Ohm 1/4 W) between pin 2 (DMX-) and pin 3 (DMX+) of the last fixture.

Using a cable terminator (part number CABL90) will decrease the possibilities of erratic behaviour.

### 5-Pin XLR DMX Connectors:

- Some manufactures use 5-pin XLR connectors for data transmission in place of 3-pin. 5-Pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used. The Chart below details the correct cable conversion.

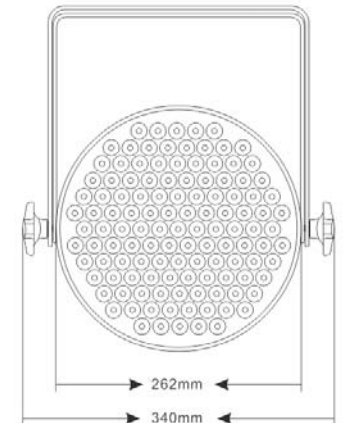
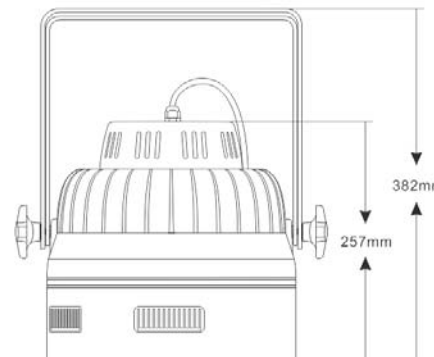
3- Pin XLR to 5-PIN XLR Conversion		
Conductor	3-Pin XLR out	5-Pin XLR in
Ground shield	Pin 1	Pin 1
Negative (-)	Pin 2	Pin 2
Positive (+)	Pin 3	Pin 3

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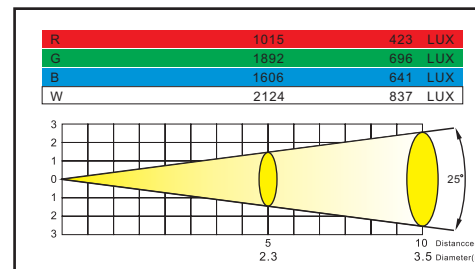
### Specifications:

Voltage : AC110-240V 50/60hz  
 LED : High power 3W LED120 pcs red: 30 blue: 30 green: 30 white: 30  
 Power : 400W  
 Colors : seven colors  
 Channels:8CH  
 Control mode:MDX512, Master/Slave, and auto run built in program via LED display  
 G.W: 7.8KG  
 N.W: 8.5KG  
 Size : 262x262x257mm

### Size Chart:



### Annotated:



**Menu function display instruction:**

(Note: The following operation must be saved each time by press ENTER key.)

1、press “MENU” to display

FF.01

Seven colors gradient: press UP or DOWN to adjust the speed from FF.01 to FF.99.

2、press “MENU” to display

CC.01

Seven color chasing: press UP、DOWN to adjust the speed from CC.01 to CC.99.

3、press “MENU” to display

w000 → w255

White with brightness adjustable

r000 → r255

Red with brightness adjustable

G000 → G255

Green with brightness adjustable

b000 → b255

Blue with brightness adjustable

4、press “MENU” to display

dE00

auto run built-in program

5、press “MENU” to display

S0Ud

sound active: the performance function is emitted by voice.

6、press “MENU” to display

SLAv

Slave: Take one of the light for master(except DMX mode), the Slave should be set for SLAv and connecting lights with 3-pin XLR Cable. The master unit can be run in above mentioned mode for the slave units to follow.

7、press “MENU” to display

8001

DMX512 mode: Through DMX512 console to control 8 channels, press UP、DOWN to set up the values for corresponding functions.

8、press “MENU” to display

d001

DMX512 mode: Through DMX512 console to control 4 channels, press UP、DOWN to set up the values for corresponding functions.

**Channels value table**

Channels	Value	Function
CH1	0-255	Opening light and dimming
CH2	0-255	Red
CH3	0-255	Green
CH4	0-255	Blue
CH5	0-255	White
CH6	0-255	Strobe from slow to fast
CH7	0-255	Speed control (note: working with the channel 8)
CH8	0-51	Stationary state
	52-100	The CH7 operating the colors changes
	101-150	Automatic change colors
	151-200	Color gradient, the CH7 control speed
	201-250	White color
	251-255	Sound active