



User manual



LED Par 14 x 8W

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1. Safety instructions



- This device is suitable for indoor use only.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 32°F /0°C, or ex ceeding 104°F /40°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

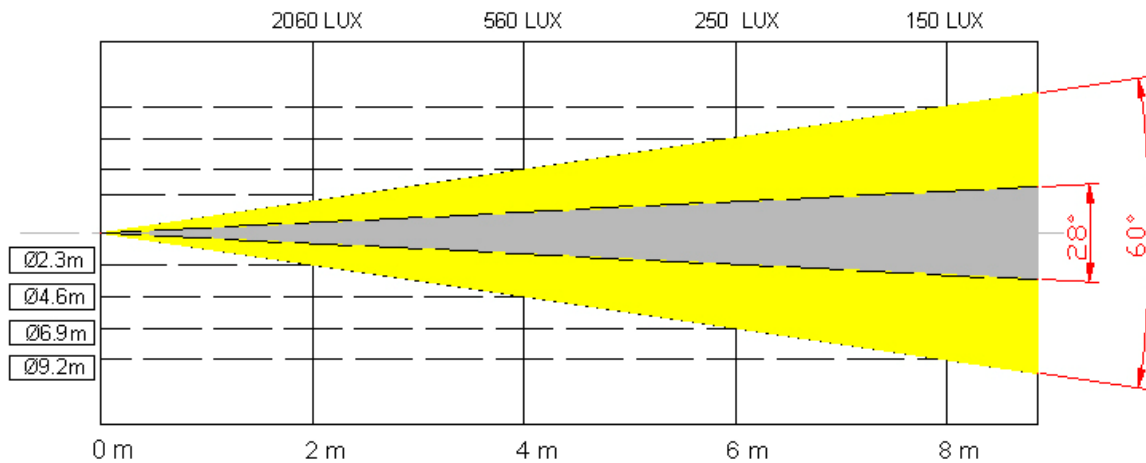
Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. Technical data

| Technical specifications: | | |
|---------------------------|------------------------|------------------------------|
| Output | Lux@2m | 2060Lux |
| | Lux@4m | 560Lux |
| | Lux@6m | 250Lux |
| | Lux@8m | 150Lux |
| Light source | LED Qty. | 14*8W (4in1 LEDs) |
| | Driver current | 500mA |
| | Color range | 16.7million color |
| Electrical | Input voltage | 100-240VAC |
| | Power | 90W |
| Control | On-board | Four digital display |
| | Control protocol | DMX512 |
| | Channel mode | 8 Channels |
| Optical system | dimmer | 0-100% |
| | strobe | 0-20Hz |
| | Beam angle | 25° |
| | Weight | 5kg |
| | Size | 240*190*280mm |
| | Housing | Die-cast aluminum |
| | Fixture connection | Signal in/out power in/out |
| | Fixture Connection Qty | 220VAC : 36pcs, 110VAC:18pcs |
| | Cooling | Convective heat transfer |
| | Certificate | CE and IP65 |
| | Environment | IP65 |
| | Operation Temperature | -40°C~50°C(operation) |
| | Temperature | -20°C~50°C(start up) |



4. Operating Instruction:

1. Four Buttons: Menu, Up, Down, Enter
2. Four digital display dormant state after one minutes working.

4.1. Auto function

MENU is a function key to enter the functions menu.

Press UP, DOWN keys to scroll the menu points

These menus are described as follows:

- Addr: DMX function. Press ENTER key to display Axxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for DMX address quickly.
- rL-- Red Dimmer. Press ENTER key to display rLxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for Brightness quickly. There are 16 steps for brightness from rL00 up to rL15.
- gL -- Green Dimmer. Press ENTER key to display gLxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for Brightness quickly. There are 16 steps for brightness from gL00 up to gL15.
- bL -- Blue Dimmer. Press ENTER key to display bLxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for Brightness quickly. There are 16 steps for brightness from bL00 up to bL15.

| | |
|-------|---|
| oL -- | White Dimmer. Press ENTER key to display oLxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for Brightness quickly. There are 16 steps for brightness from oL00 up to oL15. |
| FLAS | Strobe effect. Press ENTER key to display FLxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for Strobe speed quickly. There are 16 steps for speed from FL00 up to FL15. |
| ASC- | Seven Colors running effect. Press ENTER key to display ASxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for program speed quickly. There are 16 steps for speed from AS00 up to AS15. |
| CE-- | Chasing way effect. Press ENTER key to display CExx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for the way of chasing quickly. There are 16 kind of chasing from CE00 up to CE15. |
| FAdE | Fade in and Fade out. Press ENTER key to display FAxx. Press UP to increase the data, Press DOWN to reduce the data, press and hold UP or DOWN to adjust the value for Fade speed quickly. There are 16 steps for speed from FA00 up to FA15. |

4.2. Master/Slave Function

Set up the DMX address 1 for all slave items. The unit which you told to work in program or setting as described above is automatically the master sending dmx data to the slaves. Make sure that the master is always the first item in line. If you use other fixtures controlled by dmx in this line they will do strange stuff because they will get the same dmx data as the other par cans.

5. Dmx Chart

| | | |
|-----|--|---|
| CH1 | 0-255 | Main dimmer |
| CH2 | 0-255 | Red dimmer |
| CH3 | 0-255 | Green dimmer |
| CH4 | 0-255 | Blue dimmer |
| CH5 | 0-255 | White dimmer |
| CH6 | 1-14 : pure white 15-29 : White 30-44 : light blue 45-59 : Blue 60-74 : Purple | |
| | 75-89 : Bluish violet 90-104 : reddish violet 105-119 : peach blossom | |
| | 120-134 : pink 135-149 : red 150-164 : orange | |
| | 165-179 : yellow 180-194 : lime 195-209 : light green 210-224 : green | |
| | 225-239 : bluish green 240-254 : cyan | |
| CH7 | 0-255 | strobe peed from slow to fast(grey scale is set by CH1, CH2, CH3,CH4,CH5 and CH6) |
| CH8 | 6-240 | gradual change speed from slow to fast; |
| | 241-254 | Running |
| | 255 | off |

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