

# **User Manual**

## **Kolor 2500II**



## Check that the unit has not been damaged during transport



Read all cautions and warnings  
prior to operation of this  
equipment

### Protection against Fire



Fire

1. Maintain a minimum of 1 50cm distance from any type of flame
2. Replace fuse only with the specified type and rating
3. Do not install the unit to close a heat source
4. Make sure cable are properly secured away from unit movement
5. Maximum surface operating temperature 80°

### Protection Against Electrical



Electrical

1. Disconnect power before servicing
2. The unit must be earthed (electronically grounded)

### Protection against Mechanical Hazards



Mechanical

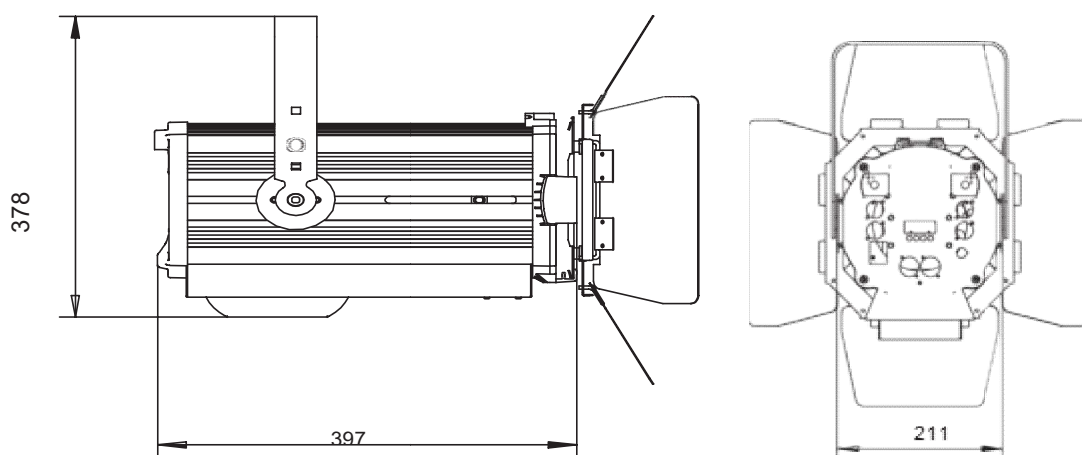
1. Use safety chain when hanging unit
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical sh

## Specification

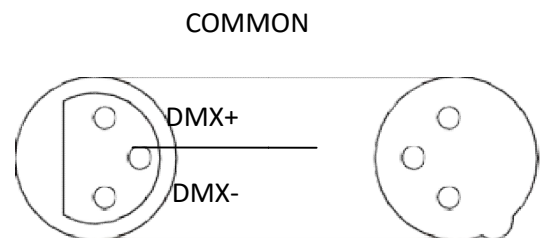
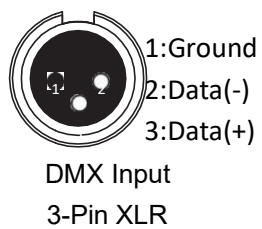
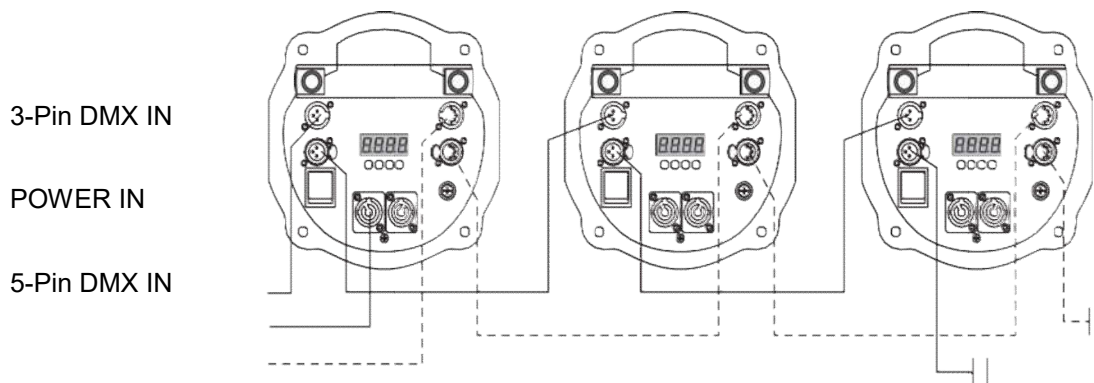
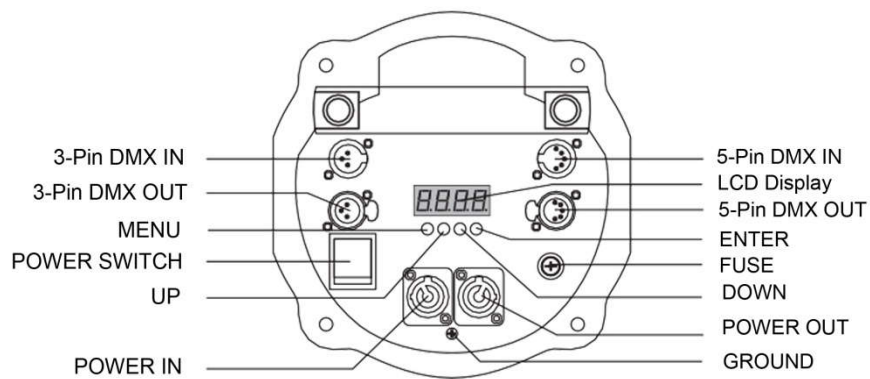
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- Model: Kolor 2500II
- Working Position: Any safe working position
- Voltage: 90-250V / 50~60Hz
- Power: 280W
- LED Lamp : Japanese Citizen 250W COB LED
- CCT: 3200K
- Display: LCD display
- CRI>95
- Noise level: 40db@1meter
- DMX Channel: 2/5CH
- DMX Control Zoom Range: 15° -55°
- Manual Dimmer: 0-100%
- Protection rating: IP20
- Connector: PowerCon In+Out; 3Pin+5Pin DMX
- Control Mode: DMX512; Master/Slave; Sound Control; Stand-alone
- Accessories: Barn-door/Frame gel included
- N.W: 8.5KGS
- G.W:10KGS
- Dimension: 397(D)\*211(W)\*378(H)mm
- Warranty: **1 Year**

## Dimension

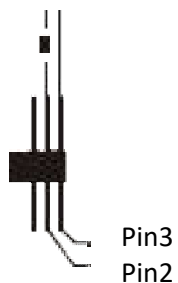
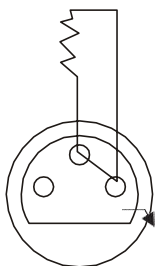


## DMX/Power Connections Instruction



DMX512 In  
3-Pin XLR

120  $\Omega$



## DMX Profile & Menu Map

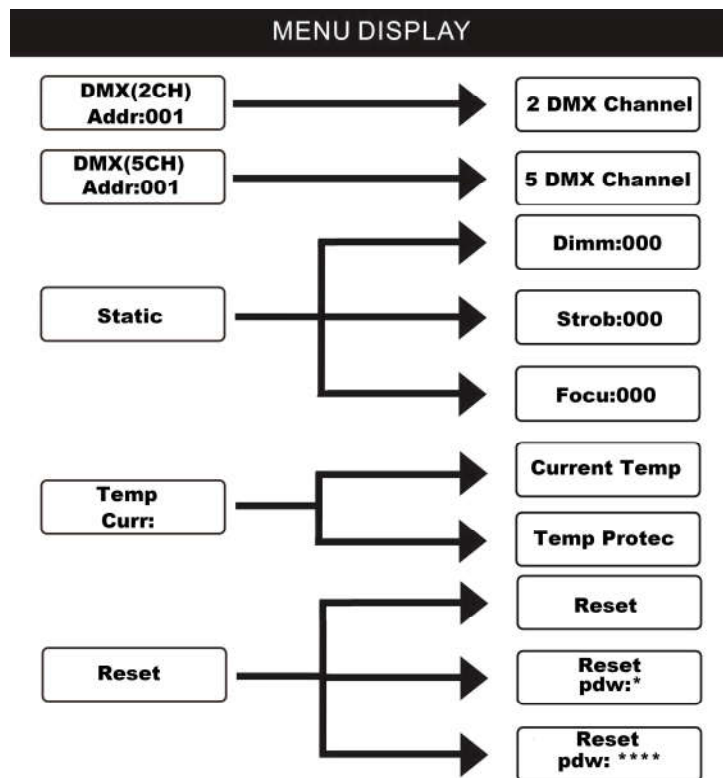
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### 5CH Mode

| Channel | Function     | Description               | Value   |
|---------|--------------|---------------------------|---------|
| 1       | Dimmer       | 0-100%                    | 0~255   |
| 2       | Dimmer Curve | Dimmer Curve 2 Default    | 0~9     |
|         |              | No Function               | 10~29   |
|         |              | Dimmer Curve 1            | 30~69   |
|         |              | Dimmer Curve 2            | 70~129  |
|         |              | Dimmer Curve 3            | 130~189 |
|         |              | Dimmer Curve 4            | 190~255 |
| 3       | Strobe       | No Function               | 0~10    |
|         |              | Strobe Speed Slow to Fast | 11~255  |
| 4       | Zoom         | 15°-55°                   | 0-255   |
| 5       | Zoom Speed   | Fast to Slow              | 0-255   |

### 2CH Mode

| Channel | Function | Description | Value |
|---------|----------|-------------|-------|
| 1       | Dimmer   | 0-100%      | 0~255 |
| 2       | Zoom     | 15°-55°     | 0-255 |



## Starting Status

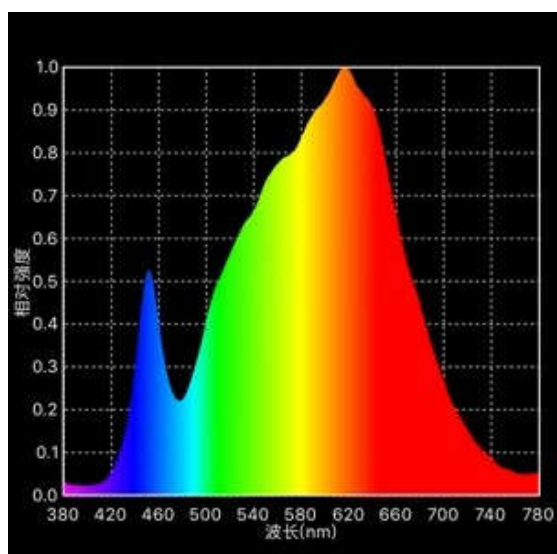
- Turn fixture power on to start motor reset, display will issue “ Hall Checking” , go in main menu after 3 seconds.
- If reset failed, the display will issue “ Hall(Failed), go into main menu after 3 seconds
- If reset successful, go into main menu directly.

## Menu Instructions

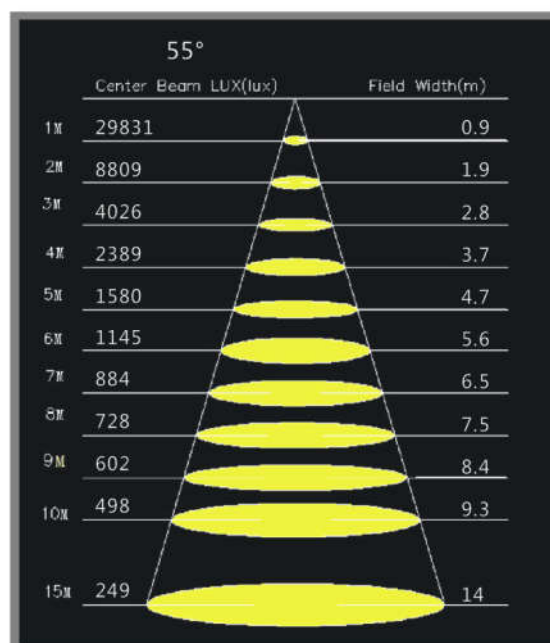
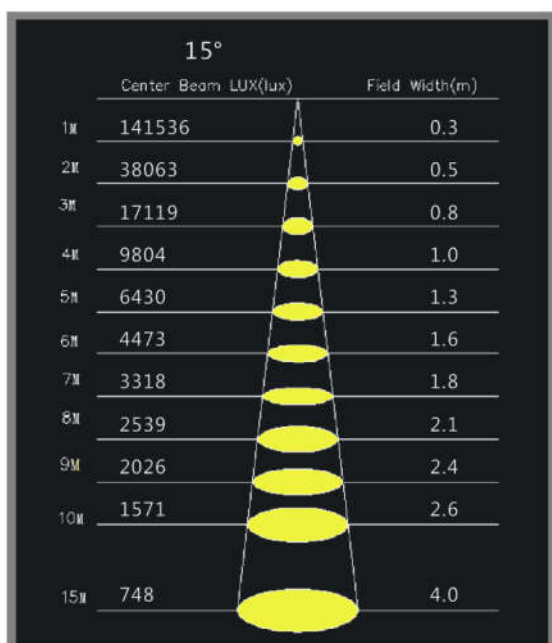
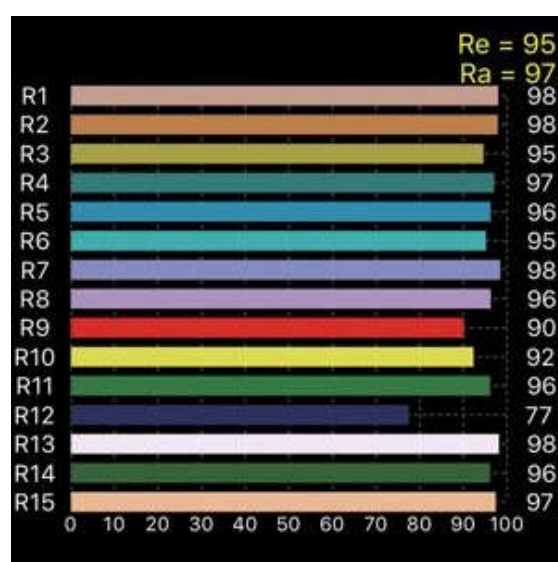
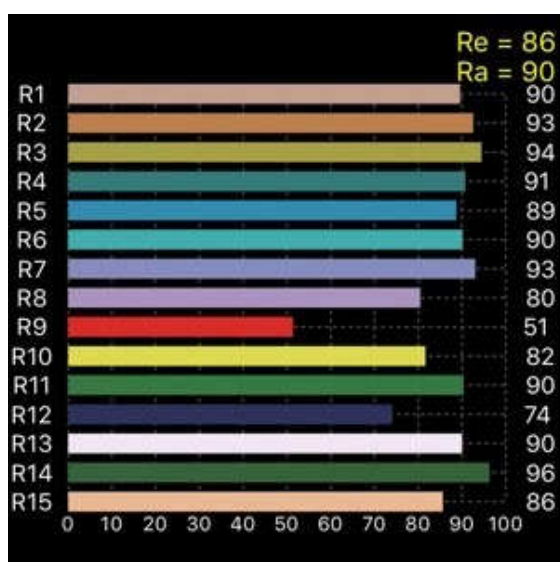
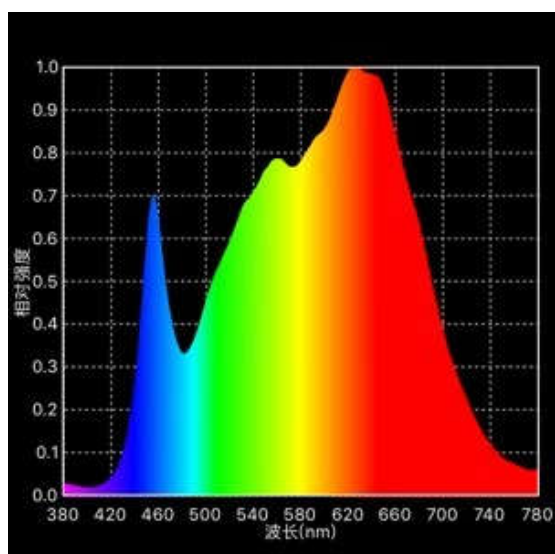
|                                    |   |
|------------------------------------|---|
| <b>DMX(2CH)</b><br><b>Addr:001</b> | This function allows you to use fixture by 2 channel mode. Press key Down/Up to confirm desired value, press Enter to confirm setting.              |
| <b>DMX(5CH)</b><br><b>Addr:001</b> | This function allows you to use fixture by 5 channel mode. Press key Down/Up to confirm desired value, press Enter to confirm setting.              |
| <b>Static</b>                      | This function allows you to control Dimmer/Strobe/Zoom manually via keys. Press keys to set desired value.  |
| <b>Temp</b><br><b>Curr:</b>        | This function issues current working temperature, it also allow you to set degree to turn on temperature protection, press Enter to confirm setting |
| <b>Reset</b>                       | This function allows you to set fixture be factory setting, please contact manufacturer to get password to confirm setting.                         |

## Photographic Chart

**Ra ≥ 90**



**Ra ≥ 95**



## Installations

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Please ensure that the fixture is hung by the fit clamp. A safety chain or cable should also be used as a secondary point of holding the fixture in case the clamp comes loose. Never hang the fixture without a safety chain or cable.

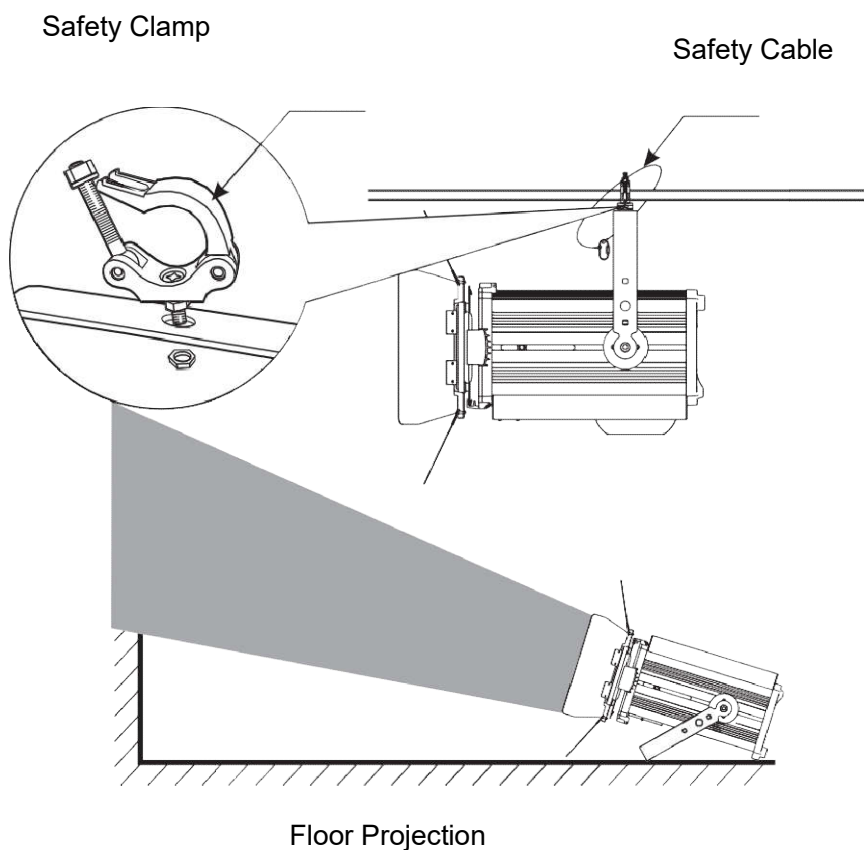
There is an eye-bolt on the back of the fixture to which the safety chain or cable can be threaded through and then hung from the secondary point. Make sure the Gel frame (Gel holder) is clipped into position correctly and cannot come loose.

If you are not qualified or have any doubts about hanging the fixture then do NOT hang it.

Do not clamp the safety cable to the U bracket or clamp. That is not a secondary safety point.

A secondary safety point is any point that will adequately hold the fixture if the clamp fails.

Then the safety cable would be the backup and stop the fixture from falling to the ground. So do NOT fix the safety cable to the same place that the clamp is attached.



## Cleaning!

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe off the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.



3. Always be sure to dry all parts completely before plugging the unit back in. Cleaning frequency depends on the environment in which the unit operates (i.e. smoke, fog residue, dust, dew).

**Unit not responding to DMX:**

Check that the DMX cables are connected properly and are wired correctly (pin 3 is “hot”; on some other DMX devices pin 5 may be “hot”). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.