

User Manual

Kolor 2500II CTO



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



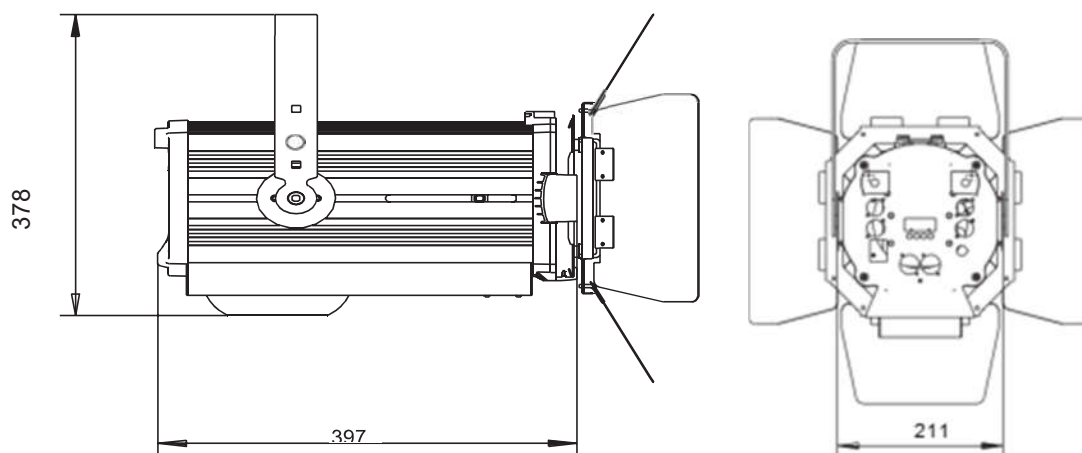
Mechanical

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

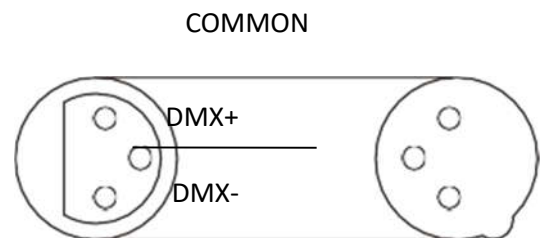
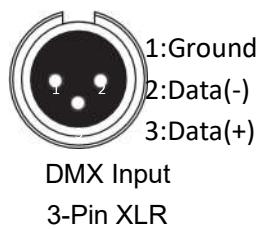
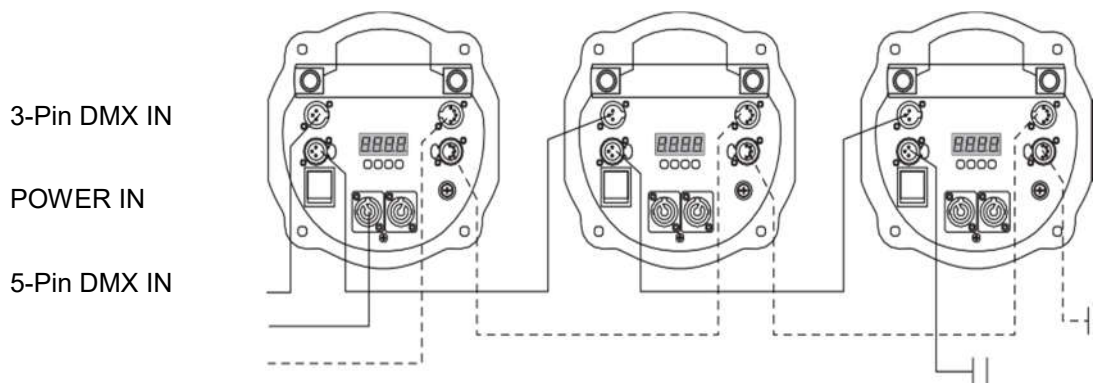
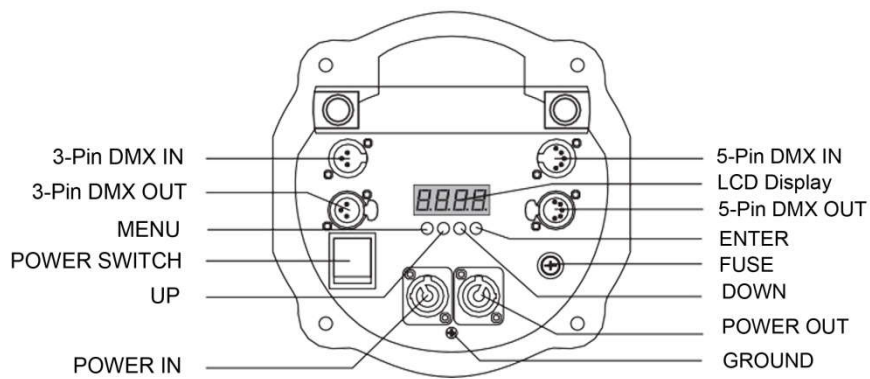
Specification

- Model: Kolor 2500II CTO
- Working Position: Any safe working position
- Voltage: 90-250V / 50~60Hz
- Power: 280W
- LED Lamp : Japanese Citizen 250W 2in1 COB LED
- CTO: 3000K-6000K
- Display: LCD display
- CRI>95
- Noise level: 39db@1meter
- DMX Channel: 3/7CH
- 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:11KGS
- Dimension: 397(D)*211(W)*378(H)mm
- Warranty: **1 Year**

Dimension



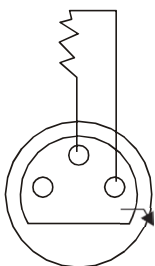
DMX/Power Connections Instruction



DMX512 Out
3-Pin XLR

DMX512 In
3-Pin XLR

120 Ω



DMX Profile & Menu Map

7CH Mode

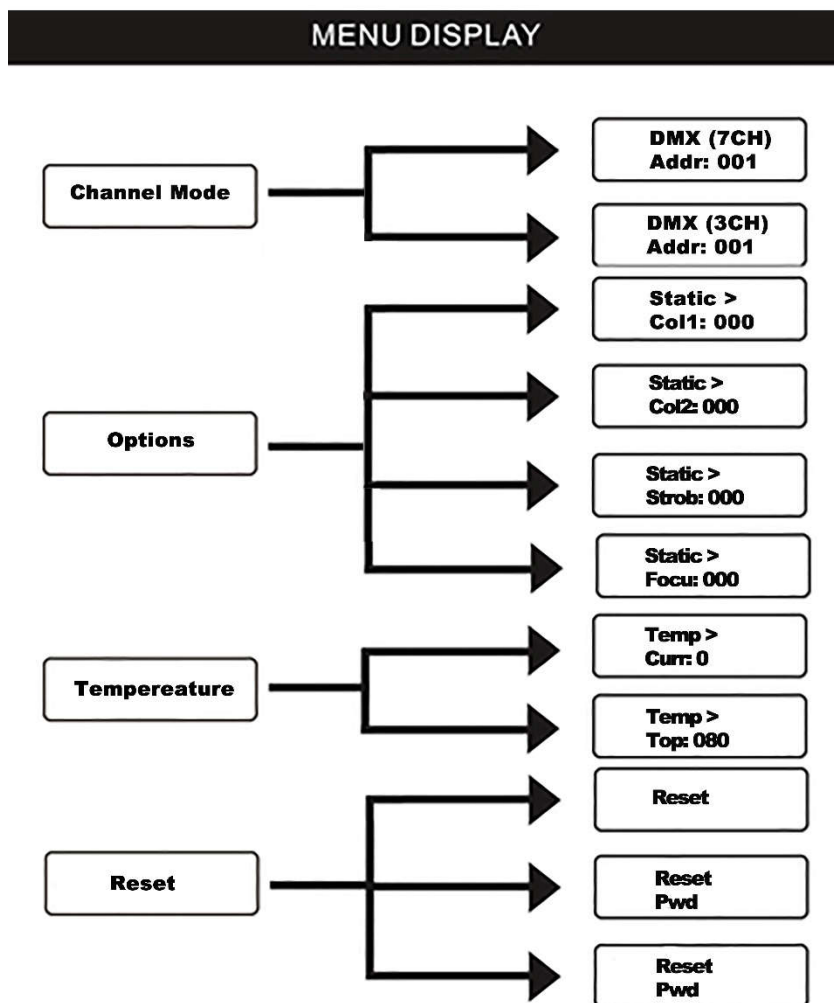
Channel	Function	Description	Value
1	Dimmer	0-100%	0~255
2	CW LED Intensity	0-100%	0~255
3	WW LED Intensity	0-100%	0-255
4	Dimmer Curve	Dimmer Delay	0~10
		Dimmer Without Delay	11~15
		Dimmer Delay Fast to Slow	16~255
5	Strobe	No Function	0~10
		Strobe Speed Slow to Fast	11~255
6	Zoom	15°-55°	0-255
7	Zoom Speed	Fast to Slow	0-255

3CH Mode

Channel	Function	Description	Value
1	CW LED Intensity	0-100%	0~255
2	WW LED Intensity	0-100%	0-255
3	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

DMX (7CH)
Addr: 001

This function allows you to use standard channel mode contains 7 channels. Press key Down/Up to confirm desired value, press Enter to confirm setting.

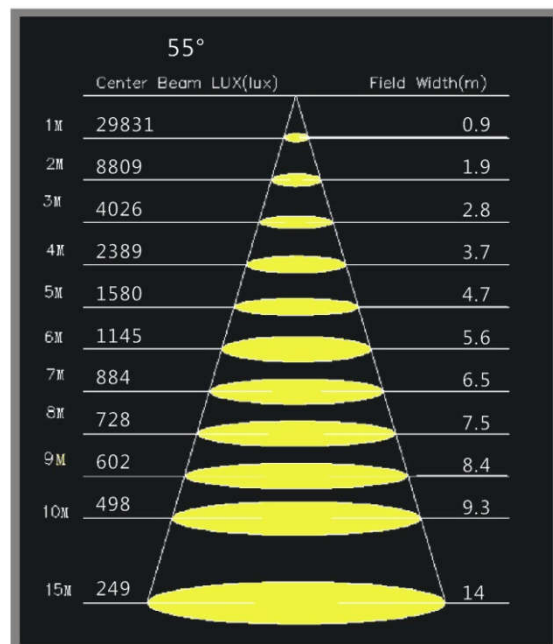
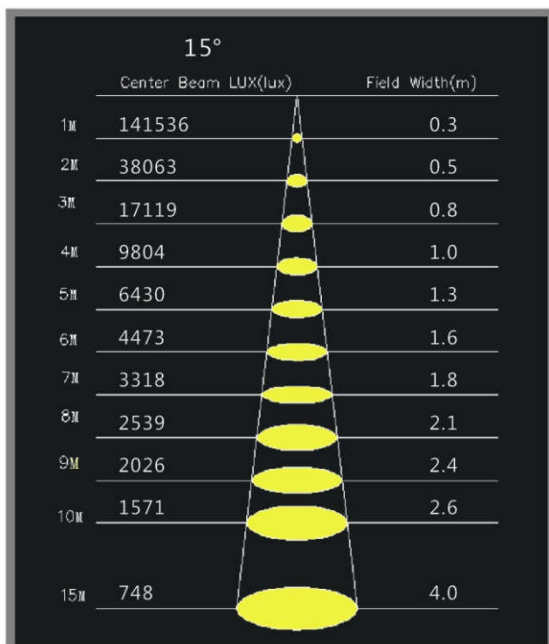
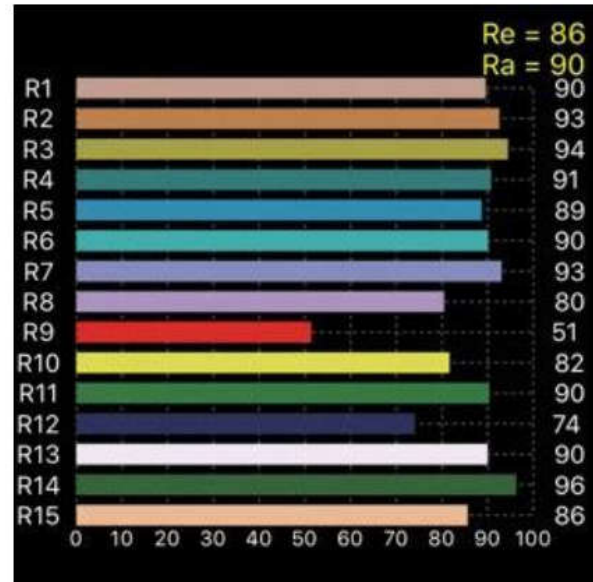
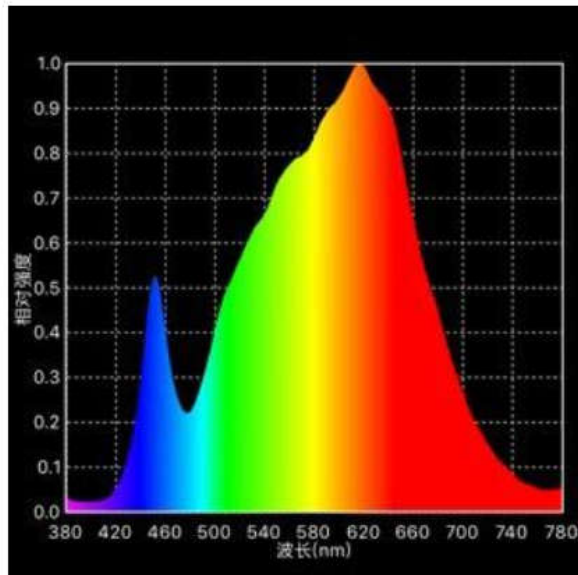
DMX (3CH)
Addr: 001

This function allows you to use basic channel mode contains 3 channel mode. Press key Down/Up to confirm desired value, press Enter to confirm setting.

Static > Col1: 000	This function allows you to control 5600K LED intensity from 000-255. Press keys to set desired value.
Static > Col2: 000	This function allows you to control 3200K LED intensity from 000-255. Press keys to set desired value.
Static > Strob: 000	This function allows you to control strobe speed slow to fast from 000-255. Press keys to set desired value.
Static > Focus: 000	This function allows you to control beam coverage from 15degree to 55degree. Press keys to set desired value.
Temp > Curr: 0	This function issues current working temperature.
Temp > Top: 080	This function allows you to set top self-protection temperature. Press keys to set desired value.
Reset	This function allows you to set fixture back to be factory setting, please contact manufacturer to get password to confirm setting.

Photographic Chart

Ra ≥ 90



Installations

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 threaded through and then hung from the secondary point. Make sure the Gel frame (Gel holder) is clipped

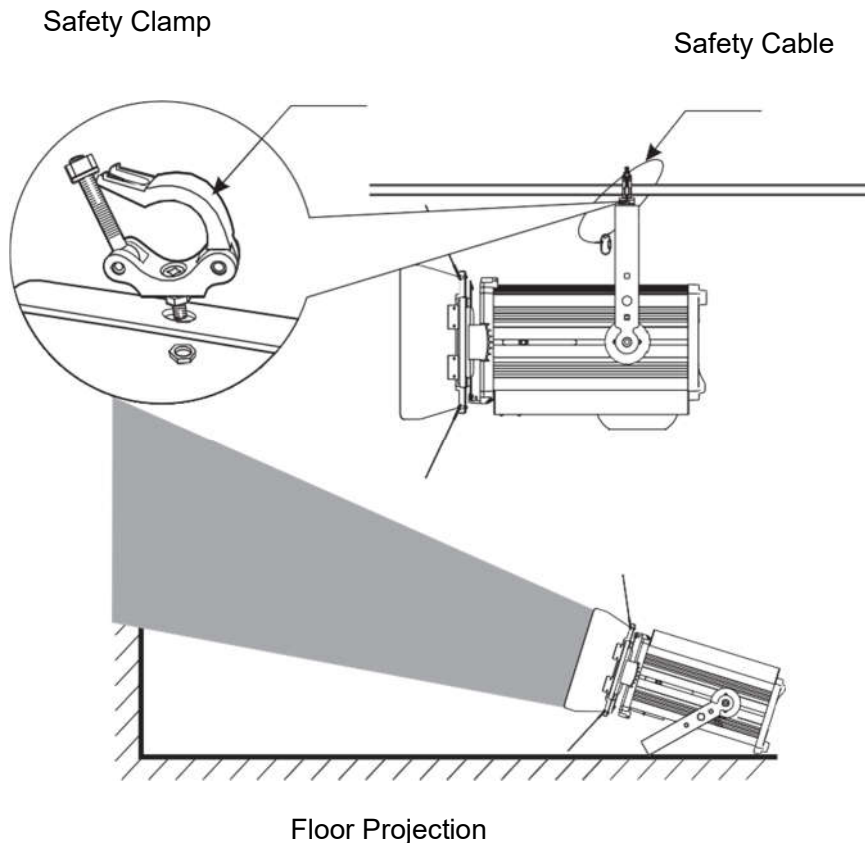
into position correctly and cannot come loose.

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.