User Manual

Kolor 8000CC

Protection Against 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

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

Protection Against Mechanical Hazards

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 shock

Specifications:

Model: Kolor 8000CC
Light source: TX RGBW 10W LED X 60pcs
Input voltage: 90-250v/50-60Hz
Lens: 15degree/25degree/45degree
Display: LCD display
DMX Channel: 4/6/9 CH
Dimmer: 0-100%;16bit
Connector: True-one Power Input/Out; IP 65 rated DMX XLR
Protection rating: IP65
Dimension: 557.5x147x379.5mm
N.W: 16KGS

Features

- ●Multi-Colors
- ●Color Strobe
- ●Electronic Dimming 0-100%
- ●DMX-512 protocol
- ● Master/Slave synchronization
- ● LED operation menu with function buttons
- ● Daisy Chain Units Together in DMX Mode
- ●Sound control

Set UP

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the voltage required for your every suit. Every unit is available in 90V-240v version. Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you unit.

DMX Linking: To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a unit is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Operating Instructions

Operating Modes: You can use the suit in 4 ways:

- Auto Mode-The unit will automatically chase through the different colors.
- DMX control mode – This function will allow you to control each individual units traits with a standard DMX 512 controller.
- Sound control mode- When music play. The unit will work with music beat.
- Master-slave mode – One unit will work as the master in the one of the above three modes, other units in the chain will work in synchronization towards the master.

Main Power Connection

Caution!

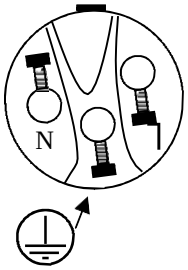
1. Do not connect fixture to a dimmer system.
2. This unit has Auto switching power supply. It will respond to 110V or 220V automatically This unit must be earthed.
3. (electronically grounded)
4. Replace fuse only with the specified type and rating.

The occupation of the connection-cable is as follows:

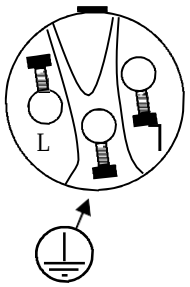
This fixture is equipped with an electronic power supply that will let the unit operate from 90V to 240V from 50Hz to 60Hz

Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground	⏚	⏚

110V Connection



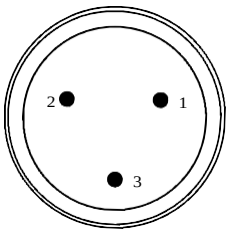
220V Connection



DMX-512 Connection

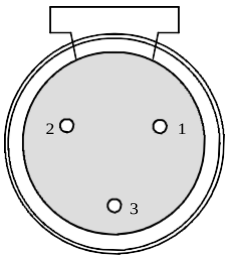
The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input



1. Shield
2. Signal (-)
3. Signal (+)

DMX—output



Caution!

At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 pin XLR plug and plug it in to the last fixture on the signal run. Pre-manufactured terminator plugs are available.

Menu Map

Main Control Menu

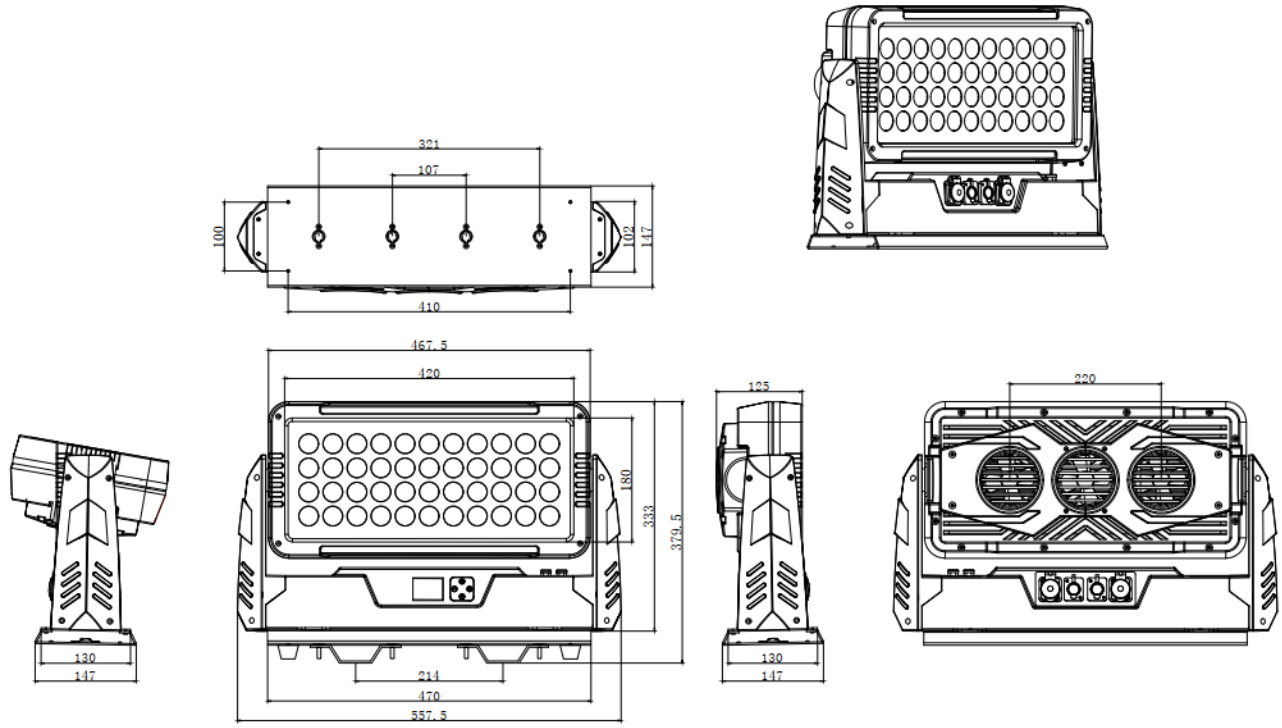
The control board on the fixture base is your Interface to access and control all the functions on the unit. Its LCD display gives you a code view of the options and functions. The following will explain each function and its options

Main Menu	Sub-menu	Functions
DMX	Address	001~512
	Channel Mode	4 Channel
		6 Channel
		9 Channel
Manual	1.Dimmer	0-255
	2.Strobe	0-255
	3.Red	0-255
	4.Green	0-255
	5.Blue	0-255
	6.White	0-255
Macro	Run Mode	Stop
		Flash
		Fade
		Pulse
	Speed	0-255
System	Host Mode	OFF/ON
	Language	English/Chinese
	Backlight setting	Auto/Keep on
	Cuve	Cuve 1
		Cuve 2
		Cuve 3
		Cuve 4
	Blackout Time(ms)	0-200
Information	Devide Tou(min)	
	About	Soft version

DMX Profile

4CH	6CH	9CH	Function	Value	Explanation
*	1	1	Dimmer	000-255	0-100%
	2	2	Strobe	000-003	No function
				004-255	Slow to Fast
1	3	3	LED Color	000-255	Red
2	4	4	LED Color	000-255	Green
3	5	5	LED Color	000-255	Blue
4	6	6	LED Color	000-255	White
*	*	7	Fixed Color	000-031	No function
				032-063	Red
				064-095	Green
				096-127	Blue
				128-159	White
				160-191	Red+Green
				192-223	Red+Blue
				224-255	Green+Blue
		8	Macro	000-050	No function
				101-150	Color Change
				151-200	Color Fade
				201-255	Color Snap
		9	Speed	000-255	Slow to Fast

Fixture Dimension(mm)



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).

Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

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.