KUDUX®
STAGE TECHNOLOGY

AURA 200

200W LED Wash + Aura



! Please read the manual before installing and using this lighting

Keep it for future reference

Remark:

Errors and omissions for every information given in this manual except.

All information is subject to change without prior notice.

CE

Manual instruction

V1.1

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1. General Information:

Thank you very much for choosing our product. For safety purpose, please read this manual carefully before your operation. This manual included installation and using information. Please install and operate it according to this manual.

Unpacking: Once receive it,please handle it carefully and check if there is some shatter because of transportation and the following fittings are OK.

In the carton,there are four things available:

Moving head light: 1PC

Power cable: 1PC

Fast Lock: 2PCS

User manual: 1 PC

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself. Doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact us.

2. Safety Instructions



Please read carefully the instruction, which includes important information about the installation, usage and maintenance.

- Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit is for indoor use only. Use only in a dry location.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect main power before replacement or servicing.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

- Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.
- Maximum ambient temperature is Ta: 40℃. DO NOT operate it where the temperature is higher than this.
- Unit surface temperature may reach up to 85℃. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.
- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- DO NOT touch any wire during operation as high voltage might be causing electric shock.

Warning:

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- DO NOT open the unit within five minutes after switching off.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

Caution:

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

If using a 230V 50Hz power supply, DO NOT connect in series more than 11 units; use another main supply for the next 11 fixtures.
If using a 120V 60Hz power supply, DO NOT connect in series more than 5 units; use another main supply for the next 5 fixtures.

Installation:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

3. Technical Specifications

- Input Voltage: AC100-240V,50/60 Hz
- LED Source: 1pc 180W RGBL 4in1 LEDs,
- with 36pcs RGB Aura LEDs,LED Chase, rainbow flow effects
  Power Consumption: 200W
- Beam Angle: 35-60degree
- Variable CTO: 2800K-8500K
- Dimmer: 0-100% dimming
- Strobe: 1~25HZ
- Movement: Pan 540°, Tilt 270°, 8 bit smooth and
- 16 bit precise resolution for Pan/Tilt movement
- Control Mode: Standard DMX512, Automatic, Master/ slave, Sound active, Support RDM
- Display: LCD display
- DMX Channel: 18CH/24CH
- IP Rate: IP20
- Cooling Mode: Fan cooling
- Size: 29*20*42cm
- Weight: 7.5kg

4. Menu Function:

The main functions are showing below:

Main Menu	Second	Third	Fourth
Dmx Address	000 - 512		
Fixture	Dmx Mode	STD / HSI	
	Run Mode	DMX / Host / Sound	
	Pan Invert	Close / Open	
	Tilt Invert	Close / Open	
	Sound Control	1- 30	

Manual	Pan	000 – 255	
	Pan Fine	000 – 255	
	Tilt	000 – 255	
	Tilt Fine	000 – 255	
	〃	〃	
Information	Time	Current Time	xxxH
		Total Time	xxxH
	Sensor	Pan	FALSE / TURE
		Tilt	FALSE / TURE
		Zoom	FALSE / TURE
		Temp	FALSE / TURE
		Fan	FALSE / TURE
	Temperature	Head Temp	xxxC
	Software Version	Panel	Vx.xx
			Vx.xx
			Vx.xx
	Password	000 – 255	
	Pan	000 – 255	
	Tilt	000 – 255	
	Zoom	000 – 255	

Factory	Zoom Rotation	000 – 255	
	Red	000 - 255	
	Green	000 - 255	
	Blue	000 - 255	
	White	000 - 255	
Fixture Reset	Motor Reset	Off/ Run	
	Factory	Off/ Run	
Display	Language	CH / EN	
	Display Flip	Normal / Reverse	
	Display Mode	60s / Show	

5. DMX channel table

STD (24CH)	HSI (18CH)	Function	Value	Description
1	**1**	**Pan**	0 - 255	Pan
2	**2**	**Pan Fine**	0 - 255	Pan Fine
3	**3**	**Tilt**	0 - 255	Tilt
4	**4**	**Tilt Fine**	0 - 255	Tilt Fine
5	**5**	**PT Speed**	0 - 255	PT Speed
6	**6**	**Dim**	0 - 255	0-100% dimmer from dark to brighter
			0 - 3	OFF
			4 - 103	Strobe from slow to fast
			104 - 107	ON

7	**7**	**Strobe**	108 - 207	Pulse strobe from slow to fast
			208 - 212	ON
			213 - 225	Random slow strobe
			226 - 238	Random medium strobe
			239 - 251	Random fast strobe
			252 - 255	ON
8	/	**Red**	0 - 255	Red dimmer
9	/	**Green**	0 - 255	Green dimmer
10	/	**Blue**	0 - 255	Blue dimmer
11	/	**White**	0 - 255	White dimmer
/	**8**	**Hue**	0 - 255	Hue
/	**9**	**Saturation**	0 - 255	Saturation
12	/	**CCT**	0	Unused
			1 - 27	8500K
			28 - 55	7500K
			56 - 83	6800K
			84 - 111	6200K
			112 - 139	5600K
			140 - 167	5000K
			168 - 195	4500K
			196 - 223	3600K
			224 - 251	3200K
			252 - 255	2800K

13	/	**Macro**	0 - 255	Macro color
14	**10**	**Zoom**	0 - 255	Zoom
15	/	**Effect**	0	OFF
			1-25	Wave Effect
			26-51	Fantasy Effect
			52-77	Color Chase
			78- 103	Red Wave Effect
			104- 129	Green Wave Effect
			130- 155	Blue Wave Effect
			156- 181	Yellow Wave Effect
			182-207	Magenta Wave Effect
			208-233	Cyan Wave Effect
			234-255	White Wave Effect
16	/	**Effect Speed**	0 - 255	Effect speed
17	**11**	**Reset**	0-239	No Function
			240-244	Motor reset after 5s
			245-249	Sound Control(Sensitive from low to high)
			250-255	Auto Running
18	**12**	**Ls Dim**	0 - 255	Aura LED Dimmer
19	**13**	**Ls Strobe**	0 - 255	Aura LED Strobe
20	**14**	**Ls Red**	0 - 255	Aura Red LED Dimmer
21	**15**	**Ls Green**	0 - 255	Aura Green LED Dimmer
22	**16**	**Ls Blue**	0-255	Aura Blue LED Dimmer

23	**17**	**Ls Effect**	0 - 255	Aura LED Effect
24	**18**	**Ls Effect Speed**	0 - 255	Speed from slow to fast

6. Difficulty Resolutions

The following is a list of problems and resolutions should only be preformed by professionally qualified staff.

- Bulb not working
  a) Check whether approaching the service life of LED, then change it
  b) Check whether LED circuitry is not loss or connect poorly
- Beam appears flash or is patchy
  a) The LED maybe approach the service life, then change it, or the optical components are unclean.
  b) LED has an accumulation of dust, so the LED and other parts inside the lamp should be cleaned and maintained in regular period.
- LCD Display works intermittently
  a) Check whether the fan running
  b) Check inner temperature-response control plug is off
  c) Check whether the circuitry is good and contacted properly
- The computer lamp not controlled by controller during lighting
  a) Check numeral starting address and the connection of communication control circuit
  b) The corresponding channel button of controller is open or not
  c) Check whether the fuse on power supply input jack is broken off

7. Cleaning

To make sure the stable run of the moving head, you should keep it clean. All fans, lens and color filters, do not use any soluble detergent when cleaning the color filter avoiding the damage to LED.

8. CONTACT:

Please check who is our dealer in your country at our website

www.kudux.com

or write direct to us by email: office@kudux.com