LED 12x60W
RGBW BSW Moving Head Bar

Item Number: LL1260BAR

USER MANUAL

This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safety and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacture or dealer will not be held responsible.

Installation:

Ensure the fixture is powered off before installation or maintenance. Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces.

The applicable temperature for this fixture is between -13°F to 113°F. Do not use the fixture under or above this temperature range.

To hang the fixture using the quick lock cam, ensure that the lock fasteners are securely turned into the quick lock holes.

The truss used for hanging this fixture must be able to hold 10 times the weight of this fixture without deformation one hour after installation. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
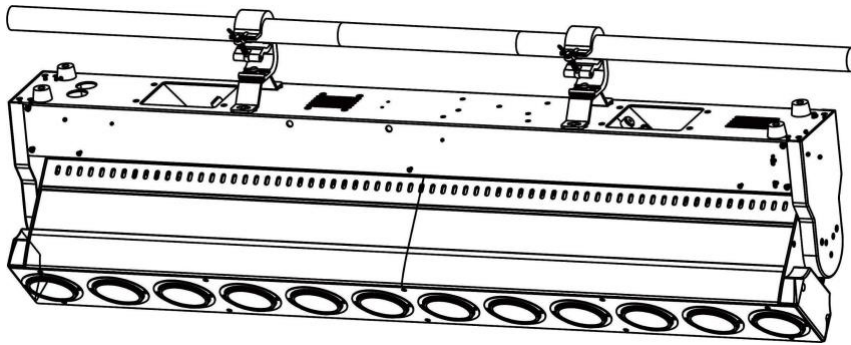
Rigging:

Install the quick lock handle with the light hook on the fixing base plate.

Insert the quick lock buckle into the two holes of the fixing plate and tighten the quick lock buckle clockwise.

Clamp the installed lamp hook to the holder.

Pass the safety rope through a connecting hole in the center of the fixture base. Hang it on the fixing bracket or another fixing point. It is recommended to use a second safety-hanging device in order to guarantee maximum safety.

Product specifications:

Voltage: 100-240V, 50/60HZ

Power Socket: PowerCon in/out

Power Consumption: 680W

Average Lifespan: 50,000 hours

DMX Channel: 18/56 CH

Beam Angle: 3 - 40 degrees

Pixel Control

Tilt: 220° (16bit precise scanning)

Display: 1.8-inch color LCD display, 180° rotation

Control Mode: DMX512 /Auto Run/Music

Strobe: 1-23Hz or random strobe

Dimming: 0% - 100%

DMX Connector: 3-pin XLR input/output

IP Rating: IP20

Working Temperature: 14º - 113ºF

Net Weight: 46.52 lbs.

Dimensions: 42.5 x 8.75 x 10 in. (Width x Depth x Height)

Maximum Number of Linked Units: 8 units at 220V. 4 units at 120V.

120V: within 4 units, the wire needs to be 2.5 mm²

Effects: LED point control, temperature control protection, overheat protection, high-efficiency cooling system. The fan detects the temperature of the light head and will automatically adjust the speed.

Display Operation:

UP: select the previous option
DOWN: select the next option
ENTER: confirm the selected option
MENU: Enter menu and select option
LEFT: Display 180° reverse

Main Menu	Secondary Menu	Tertiary Menu/Perameter
DMX Address	001 - 512	
System setting	Operation Mode	DMX/Sound/Auto1/Auto2
	Channel Mode	18CH/56CH
	Effect inversion	On/Off
	Tilt inversion	On/Off
	Hall Error Correction	On/Off
	Optocoupler Error Correction	On/Off
	Signal Hold	On/Off
	Screen saver	On/Off
	Screen Flip	On/Off/Auto
	Synchronize Updates	On/Off

	Language	CN/EN
	Default	Confirm/Cancel
Manual Mode	Current Channel Mode	0 - 255
System Calibration	Enter Password (No Password)	Light Calibration
System Reset	Effect Motor Reset	
	Scan motor reset	
	All motors reset	
System information	Reset error information	Display reset error information
	DMX data monitoring	Receive the channel value of the console
	Sensor information	Hall information
		X optocoupler information
		Y optocoupler information
	Hardware version	Display the hardware version
	Software Version	Display the software version

18 Channel Mode

18CH	Function	Value	Description
CH1	Til	0-255	0-270°
CH2	Tilt fine	0-255	0-1.0°
CH3	Tilt speed	0-255	slow to fast
CH4	Foc	0-255	Linear focus
CH5	Dim	0-255	0-100% Linear dimming
CH6	Dimmer fine	0-255	0-100% Linear dimming
CH7	Strobe	0-3	No function
		4-200	Flash strobe: slow to fast
		201-205	No function
		206-255	Random strobe: slow to fast

CH8	R	0-225	Red from dark to bright
CH9	G	0-255	Green from dark to bright
CH10	B	0-255	Blue from dark to bright
CH11	W	0-255	White from dark to bright
CH12	Effect	0-11	Dimmer mode
		11-13	Effect 1
		14-16	Effect 2
		…	…
		212-214	Effect 68
		215-217	Effect 69
		218-220	Effect 70

		221-255	Effect 71
CH13	Speed	0-255	Effect speed from slow to fast
CH14	Effect direction	0-127	Clock-wise direction
		128-255	Anti clock wise direction
CH15	Frontground color	0-255	From red to purple rainbow fading
CH16	Background color	0-255	From red to purple rainbow fading
CH17	Background dimmer	0-255	0 -100% Background dimmer
CH18	Reset	0-100	No function
		101-160	Motor reset
		161-255	No function

56 Channel Mode

56CH	Function	Value	Description
1	Tilt	0-255	0-220°
2	Tilt fine	0-255	0-1.0°
3	Tilt speed	0-7	Default speed
		8-247	From slow to fast
		248-255	Default speed
4	Focus	0-255	Linear focus
5	Dimmer	0-255	0-100% Linear dimming
6	Dimmer fine	0-255	0-100% Linear dimming
7	Strobe	0-31	No function
		32-63	No function
		64-95	Ordinary strobe: slow to fast
		96-127	No function
		128-159	Flash strobe: slow to fast
		160-191	No function
		192-223	Random strobe: slow to fast
		224-255	No function
8	Reset	0-100	No function
		101-160	Motor reset
		161-255	No function

9	LED1R	0-255	LED1 Red dimming from dark to bright
10	LED1G	0-255	LED1 Green dimming from dark to bright
11	LED1B	0-255	LED1 Blue dimming from dark to bright
12	LED1W	0-255	LED1 White dimming from dark to bright
13	LED2R	0-255	LED2 Red dimming from dark to bright
14	LED2G	0-255	LED2 Green dimming from dark to bright
15	LED2B	0-255	LED2 Blue dimming from dark to bright
16	LED2W	0-255	LED2 White dimming from dark to bright
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53	LED12R	0-255	LED12 Red dimming from dark to bright
54	LED12G	0-255	LED12 Green dimming from dark to bright
55	LED12B	0-255	LED12 Blue dimming from dark to bright
56	LED12W	0-255	LED12 White dimming from dark to bright

Symbol Instruction on Fixture:

CE certificate

RoHS certificate