

IP65 18x18w RGBWA+UV 6in1 LED Wireless Bar

Model No : SLS-BAT BAR1818I



User manual

Please read the instructions carefully before use

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Statement

The product has good capability and intact packing when leaving the factory. All user should comply with the warning item and manual, any misuse caused of the damages are not included in our guarantee, and also can't be responsible for any malfunction & problem owing to ignoring the manual.

1. Safety Instruction

Please keep this User Guide for future consultation. If you sell the unit to another user, ensure they 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 the power supply match the unit's power requirements.

Grounding the yellow/green conductor to earth is important 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 50.

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°C. Do not operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C. 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.

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.

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 can support a weight of 10 times the unit's weight. Also always use a safety cable that can hold 12 times the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place that is out of the touch of people.

2. Technical Specifications

Light Sources: 18*18W 6in1 RGBWA+UV LED

Beam Angle: 25/40° Power Voltage: AC 100-

240V, 50/60Hz Net Weight: 6.9Kgs

Control

DMX Channel: 6/10 Channel

Control Modes: DMX512, wireless DMX and Wifi control

Construction

Display: Digital Display

Data In/Out socket: 3-pin XLR sockets

Power Socket: Power-con in/out

Protection Rating: IP65

3. Product Functions

Mobile phone WIFI and DMX512 console control

Support wired and wireless master-slave online control.

Static color selection + strobe function (speed adjustable 0-99)

32 preset colors

Automatic color jump function (speed adjustable 1-99)

Color fade function (speed adjustable 1-99)

Color Sudden change function (speed adjustable 1-99)

3 kinds of sound control functions (jump change, pulse change + strobe, strobe) + sound control sensitivity (0-99) can be adjusted and controlled through the menu (the waterproof version does not have this function)

Color self-check function

2.4G wireless electronic switch, the 2.4G wireless power can be turned on or off through the menu

LED display settings, you can turn on or off the display.

How to Control The Unit

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, DMX in and DMX out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

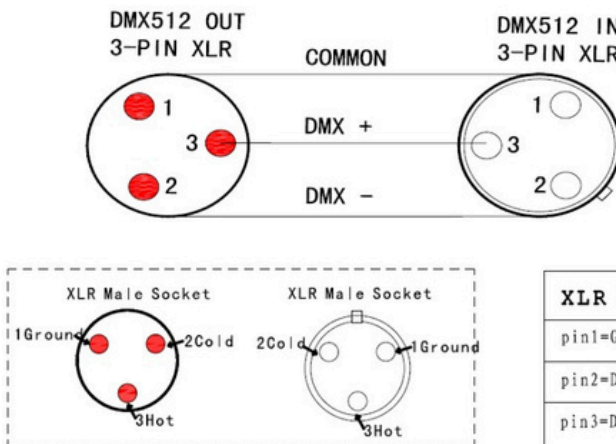


Figure2

XLR Pin Configuration	
pin1=	Ground
pin2=	Data Compliment (negative)
pin3=	Data true (positive)

Display:



Menu key: Main menu function selection/exit submenu

Up key: Select the previous menu/specs increment

Down key: Select the next menu/parameter decreasing

Enter key: Save/Enter the next menu.

Menu Structure

Menu	Up/Down	Enter
"Addr"	"A001"	SAVE
	"A512" "	
"Chnd"	6Ch" "	SAVE
	10Ch"	
"SLAu"		"SLAU"
"StAt"	X=0-255	"rXXX"
		"GXXX "
		"bXXX"
		"UXXX "
		"yXXX"

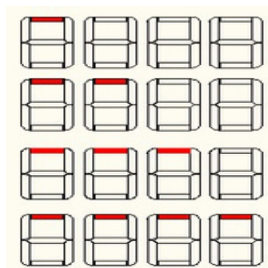
		"PXXX"
	X=0-20	"StXX"
"CoLo"	"xx=1-	CLxx SAVE
"Auto"	32"	SAVE
"FAdE"	"xx=1-	SAVE
"SnAP"	99"	"tEst" "rF24"
"SySt"	"xx=1-	"Tran/Vrec"
	99" "on/oFF"	"Pair" "Link"
	"xx=1-"Tran/Vrec"	"LEd" "rEd"
	99" "yes/no"	"GrEE" "bLuE"
	"yes/no"	"Whit" "yELL"
	"on/oFF"	"PurP"
	"tEst"	

Switch machine operation:

In the off status, after pressing the **MENU** button for 3 seconds, the digital tube lights up will get in the on status, and you can perform the required function operations. If the lamp is not connected to the power cable, you can press the **MENU** button to check the battery level.

In the power-on status, after pressing the MENU button for 3 seconds, the digital tube displays the "OFF" font, and then turns off. It will cut off the battery power supply. If the lamp is connected to the power cable, the digital tube will display the corresponding battery charge level symbol:

25% 50% 75% 100%



Functions operation

To select a preset function, press the **MENU** button to enter the main menu.

The screen will display the corresponding menu function.

When the **MENU** button is pressed again, the next menu function is selected.

If you press the **MENU** button repeatedly, each menu function will be continuously selected. In the main menu mode, you can use

UP/DOWN to set the Specs, After the selection is completed, press the **ENTER** button to save or enter the next menu function.

“Addr”DMX512 dmx address setting Select **“Addr”** (DMX512 Address setting) , Press the **ENTER** button to confirm, the display will show the corresponding address code value. Use the **UP/DOWN** button to adjust the wanted address code between **1** and **512**, and the specs will be automatically saved after selection. If you press the **ENTER** or **MENU** button, the display will exit to the previous menu mode. **“Chnd” DMX channel mode** Select **“Chnd”** (channel mode) , Press **ENTER** to confirm. Press **UP/DOWN**to select **“6Ch”** (**6 dmx channel mode**)、 **“10Ch”** (**10 dmx channle mode**) , After select the dmx channel mode, the specs will be saved automaticly, If press **ENTER** or **MENU** , The display will exit to the previous menu mode.

“SLAu” Slave mode

Select **“SLAu”** (Slave mode) , Press **ENTER** will display **“SLAU”** , Indicates that it has entered the slave signal receiving mode status.

After confirming, the specs will be automatically saved. If you press the **MENU** button, the display will exit to the previous menu mode.

"StAt" Static color selection

Select **"StAt"** (Static color setting), Press the **ENTER** button to enter the next level menu, the display will show the corresponding color value. Press the **ENTER** button repeatedly, the display will switch back and forth between 6 colors ("**rxxx**", "**Gxxx**", "**bxxx**", "**Uxxx**", "**yxxx**", "**Pxxx**") and strobe ("**Stxx**") , When it is displayed in a certain color or strobe value ("**xxx**"=0-255, "**xx**"=0-20), use the **UP/DOWN** button to adjust the required value between **1** and **255**. The greater the brightness, the faster the strobe speed, the static color specs are not saved, and the default value is 255. If you press the **MENU** button, the display will exit to the previous menu mode.

"CoLo" Color selection mode

Select **"CoLo"** (Color selection mode), Press the **ENTER** button to enter the next level menu. Use the **UP/DOWN** button to select "**CL01**" (color 1) to "**CL32**" (color 32), the Specs will be automatically saved after selection, if you press the **ENTER** button, the display will exit to

the previous menu mode. If you press the **MENU** button, the display will enter the next main menu mode. “Auto” Auto jump change mode Select “Auto” (Auto jump change mode) , Press the **ENTER** button to enter the next level menu to adjust the speed, display "SPxx" ("xx"=01-99), use the **UP/DOWN** button to adjust the wanted setting value between **1** and **99**, the larger the value, the faster the speed Quickly, the specs will be automatically saved after selection. If you press the **ENTER** button, the display will exit to the previous menu mode. If you press the **MENU** button, the display will enter the next main menu mode.

“FAde” Color fade mode

Select “FAde” (Color fade change mode) , Press the **ENTER** button to enter the next level menu to adjust the speed, display "SPxx" ("xx"=01-99), use the **UP/DOWN** button to adjust the wanted setting value between **1** and **99**, the larger the value, the faster the speed Quickly, the specs will be automatically saved after selection. If you press the **ENTER** button, the display will exit to the previous menu mode. If you press the **MENU** button, the display will enter the next main menu mode.

"SnAP" Color sudden change mode

Select **"SnAP"** (**Color sudden change mode**), Press the **ENTER** button to enter the next level menu to adjust the speed, display **"SPxx"** (**"xx"**=01-99), use the **UP/DOWN** button to adjust the desired setting value between **1** and **99**, the larger the value, the faster the speed. Quickly, the specs will be automatically saved after selection. If you press the **ENTER** button, the display will exit to the previous menu mode. If you press the **MENU** button, the display will enter the next main menu mode.

"Soud" sound mode

Select **"Soud"** (sound mode), Press the **ENTER** button to enter the next level of menu sound control mode selection, display **"Soux"** (**"x"**=1-3), use the **UP/DOWN** button to select different sound control modes from 1 to 3, **"Sou1"** sound control jumps, **"Sou2"** sound control pulse change + strobe, **"Sou3"** sound control strobe, the specs will be automatically saved after selection, if you press the **ENTER** button, the display will enter the sound control sensitivity setting **"Sexx"**,

("xx"=00-99) , Use the **UP/DOWN** button to select the sound control sensitivity between **0** and **99** according to different requirements, and press the **ENTER** button again to exit to the previous menu mode. If you press the **MENU** button, the display will enter the next main menu mode.

"SySt" system setting mode

Select "**SySt**" (system setting mode), press the **ENTER** button to enter the next menu, display "**teSt**", use the **UP/DOWN** button to choose between "**rF24**", "**FrEq**", "**UIFI**" and "**Led**" When the "**teSt**" display is selected, press the **ENTER** button to confirm, the system will enter the self-test mode, and the display will be in "**red**", "**Gree**", "**blue**", "**Uhl**", "**yeLL**", "**PurP**", "**FuLL**" to switch automatically, and the corresponding color lights will be on when the menu is displayed. Press the **MENU** and **ENTER** buttons to exit to the previous menu mode. At this point the self-test mode stops.

When the "**rF24**" display is selected, press the **ENTER** button, the system will control the power of the 2.4G wireless module, turn on the power when "**on**" is displayed, and turn off the power when "**oFF**" is displayed. If press the **MENU**, **ENTER** button to exit to the previous menu mode.

The parameters will be saved automatically after exiting. If you use the 2.4G wireless module to receive signals, you need to select "rF24" in the "on" state.

When the display of "tran/Vrec" is selected, press the **ENTER** button module transmitter/receiver, use the **UP/DOWN** button to set in "tran/Vrec", if press the to enter the selection between the wireless **MENU, ENTER** button to exit to Up menu mode. The parameters will be saved automatically after exiting.

When the "Pair" display is selected, the wireless module can be re-paired. Press the **ENTER** button and select the "yes" display. Press the **ENTER** button again to enter the re-pairing of the wireless module, that is, cancel the last paired device, and select

"no" is displayed, the operation will be abandoned, and the parameters will be saved automatically after exiting. When the wireless module is selected in the receiver mode, it is only valid for this machine after re-pairing, that is, the machine is released to take effect on the transmitter connected last time, and the wireless signal link has been disconnected. Otherwise, you need to select pairing in the transmitter again, or try again connection to resume normal corresponding operation. When the wireless module is in the transmitter mode, all paired

devices will be unpaired after re-pairing. At this point, the wireless signal link has been disconnected between the transmitter and receiver.

When the "Link" display is selected, the device that has been re-paired with the wireless module can be connected, press the **ENTER** button, select "yes" display, press the **ENTER** button again, it will enter the wireless module automatic connection state, select "no"

display Then give up the operation, and the parameters will be saved automatically after exiting.

When the "UIFI" display is selected, the system turns on the power of the WiFi module and enters the mobile phone dimming control mode. If you press the **ENTER** button, if you press the **MENU** button, you will exit to the previous menu mode. The parameters will be saved automatically after exiting. Open the mobile phone WIFI setting page, click the link with the WLAN name "LEDxxx", after the link is successful, open the LedWIFI software to scan, select single- point

control, and then the corresponding operation interface will be available.

When the "Led" display is selected, press the **ENTER** button and

use the **UP/DOWN** button to select "on" or "oFF". When "on" is selected, the display is always on. When pressed, the display will be automatically turned off for about 15 seconds, and the display will not be turned on until a button is pressed again.

5. DMX512 Console contro

Press the **MENU** button until "Chnd" (channel mode) is displayed on the screen, and press the **ENTER** button to confirm. Use the **UP/DOWN** button to select "6Ch" (6 channel mode) or "10Ch" (10CH channel mode) as required, press the **ENTER** button to exit to the upper menu "Chnd", and then use the **DOWN /UP** button to select "Addr" "(DMX512 address code setting), press the **ENTER** button to confirm, the display will show the corresponding address code value. Use the **UP/DOWN** button to adjust the address code that needs to be set between **1** and **512**, and then you can receive the DMX512 console control signal. If you want to use this function, please refer to the following diagram to set the DMX512 addresses of the first 4 fixtures: 6CH mode: 1: A001, 2: A007, 3: A013, 4: A019 10CH mode: 1: A001, 2: A011, 3: A021, 4: A031

6. Master-slave Built-in Program Control

When connecting multiple fixtures in master-slave mode, select "SLAu" (slave mode) for the other lamps except the first one. The first lamp is used as the host, and all performance modes can be selected, and the slave unit will be controlled by the host to perform the same actions.

7.DMX Channels

6CH mode:

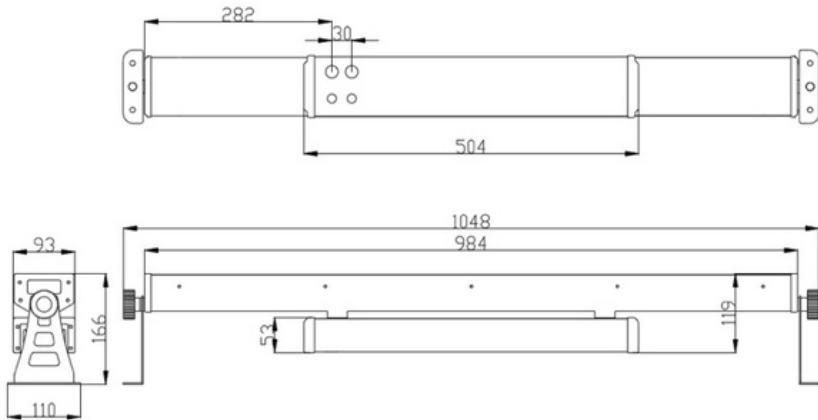
DMX channel	Value	Description
1	0~255	Red dimming
2	0~255	Green dimming
3	0~255	Blue dimming
4	0~255	White dimming
5	0~255	Amber dimming
6	0~255	Purple dimming

10CH Mode:

DMX channel	Value	Description
1	0~255	Dimmer,for dmx channel 9 (0~9)
2	0~9	Strobe off
	10~255	Strobe,10 -255 slow to fast
3	0~255	Red dimming , brightness control by the dimmer
4	0~255	Green dimming, brightness control by the dimmer
5	0~255	Blue dimming , brightness control by the dimmer
6	0~255	White dimming , brightness control by the dimmer
7	0~255	Amber dimming, brightness control by the dimmer

8	0~255	Purple dimming, brightness control by the dimmer
9	0~9	Dimmer mode
	10~49	Color selection : select color by channel 10
	50~89	Jump: speed controlled by channel 10
	90~129	Fade : speed controlled by channel 10
	130~169	Sudden: speed controlled by channel 10
	170~209	Jump change by sound
	210~239	Pulse change + strobe by sound
	240~255	Strobe by sound
10	0~255	The function of this channel depends on the value of the 9th channel: When the 9th channel is 10~49, this channel is used to select color When the 9th channel is 101~250 (jump, fade change, sudden change), the control speed of this channel: 0 is the slowest, 255 is the fastest

8. Shape



9. Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does not work, no light and the fan does not work.

1. Check the connection of the power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on the LED.

B. Not responding to DMX controller.

1. DMX LED should be on. If not, check DMX connectors, and cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside high voltage cables that may cause damage or interference to the DMX interface circuit.

C. One of the channels is not working well.

1. The stepper motor might be damaged, or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

10.How to Contact with Wi-Fi

1.Scan below QR code by phone, download “ LED WiFi “ APP 2.Enter into “ WiFi Mode “ in the lights 3.Enter into “ WLAN “ of the phone, choose “ LED_*** ” (*** means number) 4.Open “ LED WiFi “ APP to control.

**Remind**

*It need to charge a times for each two months, and 50% battery power at least, if for a long time without using. When turned off the lights and charging, the battery information in display shows 100%, please continue charging more than 1 hours, then get maxi.



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