

USER'S MANUAL



Model: BC-Retro-AW
2in1 LED Retro wall washer

Package Includes:

- 1 x led wall wash light
- 1 x power cable
- 1 x DMX cable

Please read this manual before use

● Features

1. Voltage:AC 110-260V, 50/60Hz
2. Max Power:420W
3. Lamp:Amber(1800K,300Watt)+White(6500K,300Watt)
4. Packing Size: 110*15*21CM
5. Net Weight: 9.5Kg
6. Gross weight:10kg
7. Colorful color
8. automatic / online synchronization Strobe mode
9. multi-channel mode DMX512 Console

● Safety precautions

1. To ensure that the local voltage and the required voltage for product is consistent.
2. If a product's power cord is damaged, please do not try to use the product. Do not try to unplug the power cord from the ground plug. Plug is used to reduce short-circuit electric shocks and fire prevention.
3. Before making any connections disconnect the main power supply.
4. In any case, please do not remove the lid, which is not part of the user can use.
If the product of the shell is missing, please do not run product.
5. Do not stuff the products to the dimmer package.Guarantee that the product in the ventilate place ,and maintained between the product and the wall 6 feet (15 cm) distance.
6. If damaged, please do not run product.
7. If the long-term non-use products, please disconnect the power.
8. Make sure the product located in a safe and stable place.
9. Special attention to the power cord from being pinched or out of product.
10. Cleaning :

In accordance with the manufacturer's recommendation to clean products' fixed position. Please read the "cleaning" in detail.

● Heat output

1. Devices should be away from heat sources such as radiator, heater, warm furnace or other devices generate heat.
2. In the following circumstances, the fixed installations are required to qualified service personnel overhaul:
 - A. When the power cord or plug is damaged.
 - B. The product fall or when the liquid outflow the device.
 - C. When the device does not work correctly, or have some change in the exhibition.

● Installation of power

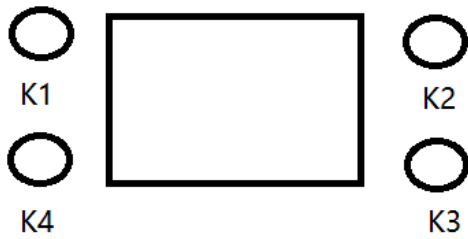
At the time of switching in power, make sure that the voltage in your area is consistent with the the led spot light's voltage. This for AC110-240V. Since different parts of the voltage is different, so products in operation, make sure your wall outlet voltage consistent with the product.

● DMX combination

In order to ensure a fixed DMX data transmission, when using several DMX device to the fullest extent possible use the shortest cables. Fixtures connected to the DMX channel order does not affect the choice of DMX. For example:when the allocation of fixed installations DMX 1 channel, DMX will be located in any location, in the front, back or middle of anywhere. When the fixed installations assigned to DMX 1 channel, whether it is located in which of the DMX channels, DMX controller is aware that the data sent on the channel one.

● LED Screen

Diagram section



When displayed normally

Button:

K1: Menu and Return

K2 & K3 : Adjust options and their numerical values

K4: Determine

When flipping the display

Button:

K3 : Menu and Return

K1&K4: Adjust options and their numerical values

K2: Determine

Attention:

1. Lock screen password:

When displayed normally, K2-K3-K2-K3

When flipping the display, K4-K1-K4-K1

● MENU

Main menu	Second menu	function
DMX mode	DMX Address 001	001-512
	Channel Mode CH8	CH8/CH18/CH10
Auto Run Setting	Turn to DMX	
	Dimmer 100	000-100
	Effect 00 ✓	00-33 00: Black field, no execution effect 01: Gradual 02: Pulse 03: Jump 04: Effect polling 05-33: Various effects
	Speed 100	000-100: effect speed
	Dimmer 255	000-255
	color 00	00-03 00: Color polling (color effects will be displayed during pattern polling) 01: WW 02: CW 03: WW & CW
Quick Color	Turn to DMX	Press the determine button to return to the main interface of DMX mode
	Dimmer 100	000-100
	Shutter 000	000-255 000-010 empty; 011-255 Normal strobe, from slow to fast (the fastest is 25Hz)
	Warm W 000	000-255
	Cold W 000	000-255
Voice	Dimmer 100	000-100
	Effect 00	00-05 00: Black field, no execution voice control effect 01-04: Various voice control effects 05: voice control effects polling
	SENS 100	000-100
Settings	Language	Chinese
		English
	MOSI Switch	Switching between master and slave devices, only one device is allowed to be used as the host in a group of lighting fixtures, and control panel signals cannot be connected

		Off	
		On	
	Screensaver	Off	
		On	Enter screensaver after 30 seconds without button operation
	Screenflip	Off	
		On	
	Screenlock	Off	
		On	Lock after 30 seconds without button operation
	DMX Fail	In DMX mode, the data status of the LED after signal interruption	
		Clear	The data will be cleared later
		Hold	Data hold
		Lit up	
	Light Order	The direction of running and dimming of the lamp beads	
		Positive	
		Reverse	
	Dimmer Curve	The power curve	
		Linear	
		Square	
		Anti-square	
		S-line	
	Dimmer Bit	The process of changes in LED bead data	
		8Bit	Direct switching of LED data
		16Bit	Smooth conversion of LED bead data
	Dimmer Resp.	The speed of light changes	
		Led	
		Medium	
		Halogen	
	LED Frequency	1kHz	
		2kHz	
		4kHz	
		12kHz	
		16kHz	
		25kHz	
	Fan	Auto	The fan can reach its maximum speed. If the current selected fan in the

			<p>background is a three wire fan, and there is no temperature control connected and the light bulb is on, the fan will rotate; After connecting the temperature control resistor, when the temperature exceeds 44 °C, the fan starts to rotate and accelerates its speed as the temperature increases. When the temperature drops below 40 °C, the fan stops rotating.</p> <p>If the current selected fan in the background is a two-wire fan, and there is no temperature control connected and the light bulb is on, the fan will rotate; After connecting the temperature control resistor, when the temperature exceeds 44 °C, the fan rotates. When the temperature drops below 40 °C, the fan stops rotating.</p>
		Continue	
LED Mode		Set the power limit in the background to full power	
		Lower Power	
		High Power	
Restore		Factory reset, backend parameters and language settings are not restored, and the interface jumps to the main interface	
		Off	
		On	
Firmware VER		251103DKV1	
RDM ID			Each device has a different ID number, consisting of 6 hexadecimal digits
Temperature		LED: xx°C/xx°F MAX: xx°C/xx°F	
Power on time		0: 00	
Fan state		Stop	Run/Stop
Errors			If the temperature control resistor detection fails, the failed temperature control will be displayed

	Dim Mode 16Bit	8Bit/16Bit 8Bit: 8bit dimming 16Bit: 16bit dimming
	Dim Speed 000	000-255
	M/S Mode Slave	Master/Slave
	Fan Mode Control	Control/Continue Control: fan under temperature control Continue: fan without control
	Backlight 1Min	10S/30S/1Min/Always
	Display Invert NO	YES/NO
	Language 中文	中文/English
	Lock 1Min	10S/30S/1Min/OFF
	Factory NO	YES/NO
	Output Pos R/GBW	R/GBW / RG/BW
	Ver RSL240910C1 DIS F6Y4D18Z06 LED Temp 00°C Max Temp 00°C Use Hour 0	

● CHANNEL TABLE

◆ 8 CHANNEL

CH	Function	Description
1	Total Dimmer	
2	Strobe	000-010 empty; 011-255 Normal strobe, from slow to fast (the fastest is 25Hz)
3	Effect	0-5, empty; 6-173, Optional color patterns 174-255, Not optional color patterns /***** Optional color patterns *****/ *****/ 4, 5-7 channels need to be pushed up for assistance 6-11, Pattern summary 12-17, Pattern 1 18-23, Pattern 2 24-29, Pattern 3 30-35, Pattern 4 36-41, Pattern 5 42-47, Pattern 6

		<p>48-53, Pattern 7</p> <p>54-59, Pattern 8</p> <p>60-65, Pattern 9</p> <p>66-71, Pattern 10</p> <p>72-77, Pattern 11</p> <p>78-83, Pattern 12</p> <p>84-89, Pattern 13</p> <p>90-95, Pattern 14</p> <p>96-101, Pattern 15</p> <p>102-107, Pattern 16</p> <p>108-113, Pattern 17</p> <p>114-119, Pattern 18</p> <p>120-125, Pattern 19</p> <p>126-131, Pattern 20</p> <p>132-137, Pattern 21</p> <p>138-143, Pattern 22</p> <p>144-149, Pattern 23</p> <p>150-155, Pattern 24</p> <p>156-161, Pattern 25</p> <p>162-167, Pattern 26</p> <p>168-173, Pattern 27</p> <p>/* ****/ /* Not optional color patterns ****/ 4 channel need to be pushed up for assistance 174-179, Grad 180-185, Pulse 186-191, Jump 192-197, Colorful pattern 1 198-203, Colorful pattern 2 204-213, Voice control 1 214-223, Voice control 2 224-233, Voice control 3 234-243, Voice control 4 244-255, Voice control summary */</p>
4	Effect speed	
5	color selection (priority over main light color dimming)	<p>0, empty</p> <p>1-85, WW (from dark to bright)</p> <p>86-170, CW (from dark to bright)</p> <p>171-255, WW & CW (from dark to bright)</p> <p>When performing lighting effects, it can serve as the base color for optional color patterns in the main lighting effect</p>

6	WW Dimmer	When performing lighting effects, it can be used as a color selection for optional color patterns in lighting effects
7	CW Dimmer	When performing lighting effects, it can be used as a color selection for optional color patterns in lighting effects
8	Reversion and light effect refresh	Set the current direction of the LED sequence as positive 1-128: Run forward with dimming and lighting effects, 129-255: Run backward with dimming and lighting effects. After a certain amount of light effect reversal, there is no significant difference When the push rod exceeds 50 or changes direction, the light effect refreshes

◆ 18 CHANNEL

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		<p>138-143, Pattern 22 144-149, Pattern 23 150-155, Pattern 24 156-161, Pattern 25 162-167, Pattern 26 168-173, Pattern 27</p> <p>/***** ****/ /***** Not optional color patterns *****/</p> <p>4 channel need to be pushed up for assistance</p> <p>174-179, Grad 180-185, Pulse 186-191, Jump 192-197, Colorful pattern 1 198-203, Colorful pattern 2</p> <p>204-213, Voice control 1 214-223, Voice control 2 224-233, Voice control 3 234-243, Voice control 4 244-255, Voice control summary</p> <p>/*****/</p>
4	Effect speed	
5	color selection (priority over main light color dimming)	<p>0, empty 1-85, WW (from dark to bright) 86-170, CW (from dark to bright) 171-255, WW & CW (from dark to bright)</p> <p>When performing lighting effects, it can serve as the base color for optional color patterns in the main lighting effect</p>
6	WW Dimmer	When performing lighting effects, it can be used as a color selection for optional color patterns in lighting effects
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9	WW1 Dimmer	
10	CW1 Dimmer	
.....	
17	WW5 Dimmer	
18	CW5 Dimmer	

◆ 18 CHANNEL

CH	Function	Description
1	WW1 Dimmer	
2	CW1 Dimmer	
.....	
9	WW5 Dimmer	
10	CW5 Dimmer	

● Maintenance

As the smoke and dust corrosion, internal and external vision lens must be cleaned out to make the light output power optimization.

1. Use the glass cleaner and soft cloth to clen the package.
2. Every 20 days, use the glass cleaner and soft cloth to clean the external lens.
3. When you insert the power is always to ensure that every part of the product dry.
4. When Fixtures run, require regular cleaning according to the different environments.

● Statement

The product has well capability and intact packing when leave factory. All of the user should comply with above warning item and manual,any misuse cause of the damages are not included in our guarantee,and also can't be responsible for any malfunction & problem owing to ignore the manual. Please forgive that we will not be notice for technical change

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