



TriColorBar Wall Washer



The Colorbar Tri-Color is a 39" IP65 rated exterior linear LED fixture featuring tri-color RGB LED diodes. With a total power consumption of 80 Watts the Colorbar Tri-Color is an energy efficient fixture capable of providing a smooth linear wall wash effect. Set up and control is done via a wireless remote IR receiver which is on the face of the unit. Once set up, the unit can be operated from DMX with 4 different DMX control modes, and features built in macro programs all of which can be accessed via DMX or the optional wireless remote IR controller. Designed and built with a rugged aluminum die cast housing and internal thermal protection to ensure long life and operation.

Specification

- 3W Tri-color Outdoor LED BAR
- Input power: AC90V-240V/60HZ-50HZ
- Power consumption: 80W
- LEDs: 18PCS 3W (3 in one)
- Beam angle: 40 degree
- IR signal and DMX signal available
- Selectable built-in programs, dimming mode, auto run, DMX mode, M/S mode by IR remote
- IP rate: IP 65
- Housing: aluminum
- Thermal protection
- Weight: 11lbs
- Dimension: 40" x 3.15" x 3"



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FUNCTION SELECTION:

1. AUTO RUN mode

Press "AUTO RUN" to choose Auto run mode. Press FLASH to turn on/off the flash of the Auto Run, and then pressing "+" and "-" buttons to adjust flash speed. Press SPEED to control the speed of the Auto Run, and then pressing "+" and "-" buttons to adjust it.

Select program Mode

Press PROG to go into built-in program select mode.

1. Press "+" or "-" to choose the 24 built-in programs(8 static colors,8 color dreaming modes and 8 color changing modes)or button 0-9 to choose the static color and the two built-in programs.

0---black 1--- red 2---green 3---blue 4--- cyan 5--- yellow 6---purple

7---white 8---the eighth color changing mode 9---the eighth color dreaming mode

2. Press FLASH to turn on/off flash and press "+" or "-" to adjust the flash speed.

3. Press SPEED to set the program running speed (effective when the unit is in color dreaming or color changing mode)and press "+" or "-" to adjust it.

Master/Slave mode

Press SL to display SLAV mode. The R/G/B lights are off when without master light.

Select light program mode

Press R/G/B to choose program mode, and pressing "+" and "-" buttons to adjust the intensity of the light. Press FLASH to turn on/off flash effect to in this situation, pressing "+" and "-" buttons to adjust the flash speed.

Black Out mode

Press "BLACK OUT" to set the LED lights power on or power off by pressing this button.

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Set Address

Press this button to set the DMX address or initialize the program, then the red, green and blue lights will flash 2~3 times. Please put in 3 number ,for example, 1 2 3. After the red LED is on, please put in the first number. After the first number is accessed the green LED will be on, then put in the second number. When the blue LED will be on, please put in the third number. After all the three number are put in, all the red, green and blue lights will flash 2~3 times, which indicate that the DMX address is right and it go in to the DMX MODE automatically. If the address is wrong the red LED will be on. New DMX address should be put in.

If the 951 are put in, red and green lights will be on. Put “0” to initialize the program. If the wrong address is put in, the red light will be on, indicating new address should be put in. Then the system will run in the designed mode.

DMX MODE

There are four DMX modes: a 3 Channel mode, 4 Channel mode, 5 Channel mode and 6 Channel mode. You must set the DMX Channel mode before you address the fixture. To select your desired DMX Channel mode press the DMX mode button, and then press the “+” or “-” buttons to scroll through the DMX Channel modes. Once you find your desired DMX Channel mode, set your desired DMX address

- If Red LED’s glow you are in DMX Mode 1: 3 DMX Channels
- If Green LED’s glow you are in DMX Mode 2: 4 DMX Channels
- If Blue LED’s glow you are in DMX Mode 3: 5 DMX Channels
- If Red and Green LED’s glow you are in DMX Mode 4: 6 DMX Channels

Now you may connect the fixture via XLR connections to the Tri-color Outdoor LED BAR, please read the corresponding fixture in this manual to find out about the DMX modes, values and straits.

DMX Mode 1: 3 CHANNEL MODE

CH No.	DMX value	Function
CH1	0 - 255	Red
CH2	0 - 255	Green
CH3	0 - 255	Blue

DMX Mode 2: 4 CHANNEL MODE

CH No.	DMX value	Function
CH1	0 - 255	Red
CH2	0 - 255	Green
CH3	0 - 255	Blue
CH4	0 - 255	Dimming

DMX Mode 3: 5 CHANNEL MODE

CH No.	DMX value	Function
CH1	000~255	Red(dim→bright)
CH2	000~255	Green(dim→bright)
CH3	000~255	Blue(dim→bright)
CH4	000~255	Dimming(dim→bright)
CH5	000~015	No function
	016~255	Strobe slowest to fastest flash frequency is 0.1HZ-20HZ

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DMX MODE

DMX Mode 4: 6 CHANNEL MODE

CH6			CH5	CH4	CH3	CH2	CH1
MODE	DMX VALUE	FUNCTION					
1	0-15	No function	Strobe slowest to fastest 16-255 flash frequency is 0.1HZ-20HZ	Dimming	Blue 0-255 (dim→bright)	Green 0-255 (dim→bright)	Red 0-255 (dim→bright)
2	16-31	Red					

2	16-31	Red		0-255 (dim→bright)			
3	32-47	Green					
4	48-63	Blue					
5	64-79	Cyan					
6	80-95	Yellow					
7	96-111	Purple					
8	112-127	White					
9	128-135	Color dreaming 1					
10	136-143	Color dreaming 2					
11	144-151	Color dreaming 3					
12	152-159	Color dreaming 4					
13	160-167	Color dreaming 5					
14	168-175	Color dreaming 6					
15	176-183	Color dreaming 7					
16	184-191	Color dreaming 8					
17	192-199	Color change 1					
18	200-207	Color change 2					
19	208-215	Color change 3					
20	216-223	Color change 4					
21	224-231	Color change 5					
22	232-239	Color change 6					
23	240-247	Color change 7					
24	248-255	Color change 8					

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Photometric Beam Angle Data

40° Beam Angle

LUX x 0.0929 = FC

R (6)	24 FC / 250.8 LUX	11 FC / 121.2 LUX	5 FC / 49.6 LUX
G (6)	33 FC / 360 LUX	16 FC / 172.2 LUX	6 FC / 69.8 LUX
B (6)	7 FC / 70.8 LUX	3 FC / 34.5 LUX	1 FC / 14.01 LUX
Full (18)	55 FC / 593 LUX	26 FC / 285.1 LUX	11 FC / 115.2 LUX

