

# User manual

## V Bar Tri-color



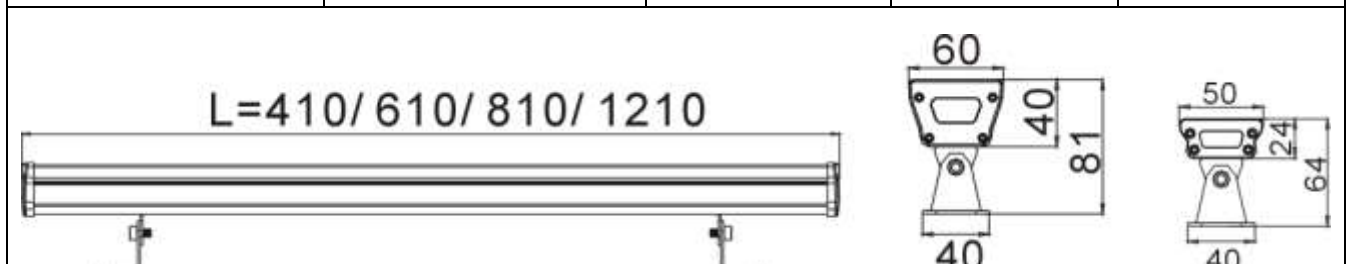
The V Bar Tri-color series feature latest LED Tri-color. Color fading, dimming and mixing can be achieved by V Power controller. With the latest technology, finest components, and user-friendly V power controller, V bar Tri-color series satisfies all your needs to color your imagination. It is ideal for indoor use, such as hotel, bar, club, shop, cabinet etc.

### 1. Attention:

- Do not install the fixture near high inflammable liquids or materials.
- Do not allow anything to rest on the fixture.
- Do not install the fixture near the naked flames.
- Do not install the fixture in dirty, dusty location.
- Do not looking directly into the LED light beam at close range.
- Operate only in places where the sufficient air flow is present.
- The unit is for indoor use only. Use only in a dry location.

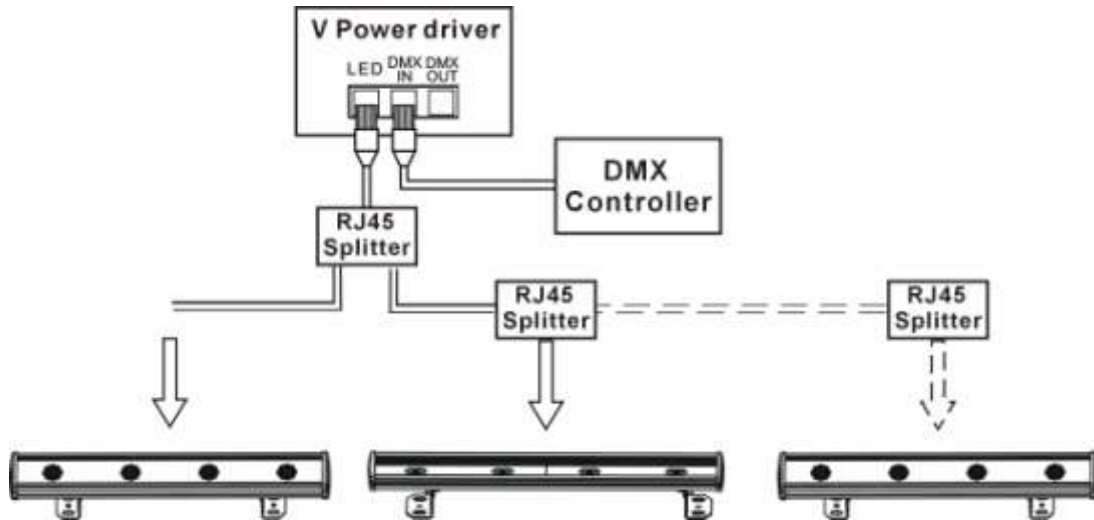
### 2. Technical specifications:

Item	VB-4TC	VB-6TC	VB-8TC	VB-12TC
Max. Input Current	350mA	350mA	350mA	350mA
Input Voltage	DC 48V	DC 48V	DC 48V	DC 48V
Power Consumption	13.1W	19.6W	26.1W	39.2W
Compatible Power Supply	V Power 60, V Power 120, V Power 240, V Power 600			
Number of LEDs	4 x Tri-color	6 x Tri-color	8 x Tri-color	12 x Tri-color
LED Emitter	3W	3W	3W	3W
LED Life Expectancy	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Beam Angle	25°, 40°, 170°	25°, 40°, 170°	25°, 40°, 170°	25°, 40°, 170°
Available LED Colors	RGB (3 in 1)	RGB (3 in 1)	RGB (3 in 1)	RGB (3 in 1)
Power/Data Cable	1.5m, 24AWG x 4P Cat.5e Cable			
Weight	D25/ D40 (with lens): 1.0kg D170: 0.8kg	D25/ D40: 1.4kgs D170: 1.0kg	D25/ D40: 2.0kgs D170: 1.2kgs	D25/ D40: 2.4kgs D170: 1.8kgs
Size	D25/ D40 (with lens) 410 x 60 x 81mm  D170 410 x 50 x 64mm	D25/ D40 610 x 60 x 81mm  D170 610 x 50 x 64mm	D25/ D40 810 x 60 x 81mm  D170 810 x 50 x 64mm	D25/ D40 1210 x 60 x 81mm  D170 1210 x 50 x 64mm



### 3. Installation

The V Bar Tri-color unit should be connected to the V Power driver. See V Power 60 ( or V Power 120, V Power 240, V Power 600) user manual for full details of mains power requirement, built-in programs and DMX operation. Connect the end of the V Bar’s cable directly to the driver or use suitable cable joint box if the cable has to be extended.



For the number of V Bar projectors that can be linked together, please follow the Maximum power output limit of each zone of the V Power.

The RJ45 plug that connects the V Bar unit to the V Power driver has the following wiring:

RJ45 plug (View facing pins)	PIN	Color of wire	RGB
	1	White/Orange	Red LED +
	2	Orange	Green LED +
	3	White/Green	Blue LED +
	4	Blue	White LED+
	5	White/Blue	Red LED -
	6	Green	Green LED -
	7	White/Brown	Blue LED -
	8	Brown	White LED -

### 4. Maintenance

- Clean the front transparent cover at least every 1-2 months. Use a moist, lint-free cloth. Never use alcohol or solvents!