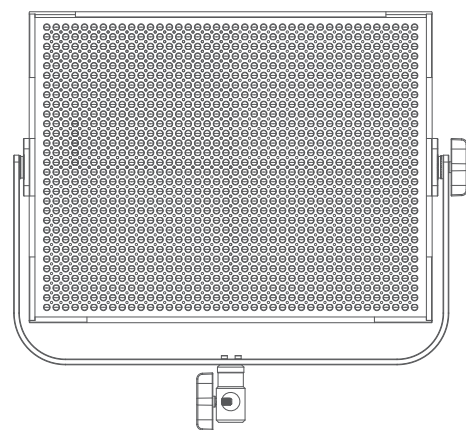


Professional LED Light VL-D85B / VL-D85T



Use Manual

Viltrox VL-D85B/T adopts multi high quality LED lamps which features lower energy consumption and accurate color temperature. It is also energy-saving, environmental and long-lived, supporting DMX control function. The Color temperature and brightness can be easily adjusted according to the need. It is suitable for light filling of varieties of scenes like micro-film, MV video, studio, wedding video, interview and product photography, etc.

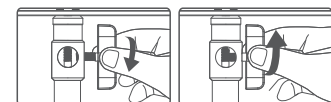
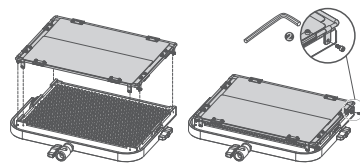
Main Features:

- * FSK 2.4GHz wireless remote control system, 6 groups 19 channels group control, support DMX control function
- * Dual power supply system (1200 pcs lamps): lithium battery / DC power supply
- * HD LCD screen to make operation more convenient and accurate
- * Standard equipped with remote controller which can remote control parameters of single or the whole group of LED lights
- * Adopting the light barrier design, to control the direction of light better
- * Appearance of high-quality metal material, better heat dissipation, durable

Before you start

Remove the light barrier: Use standard hex key to loosen the screw and take it upward.

Install the Light: First please observe the six screw holes arranged on the sides of the main body (Figure ①). Lay flat the light barrier aligned to the screw holes of the main lamp, then twist standard screws into the holes and finally tighten the screws firmly by hex key (Figure ②).

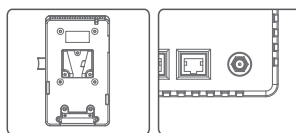


Rotate the Tilt knob to mount the light on the light holder, and then fasten the knob by turning it to the opposite direction.



Rotate the light body: Rotate the light to a proper angle by the tilt knob on the right.

Lithium Battery: Select the batteries which support V-type mount according to the battery model marked on the LED light, then fix the batteries referring to the power polarity marked on the battery compartment.

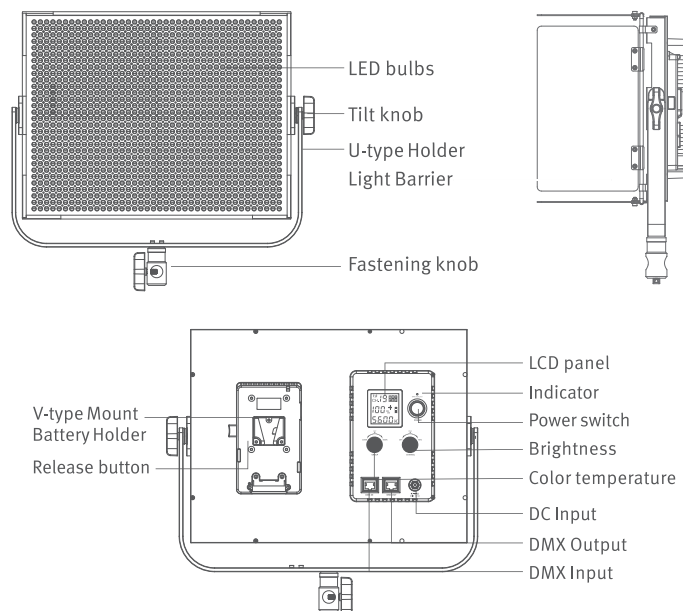


DC Source: Connect the DC source cable into the DC IN on the back of the LED light.

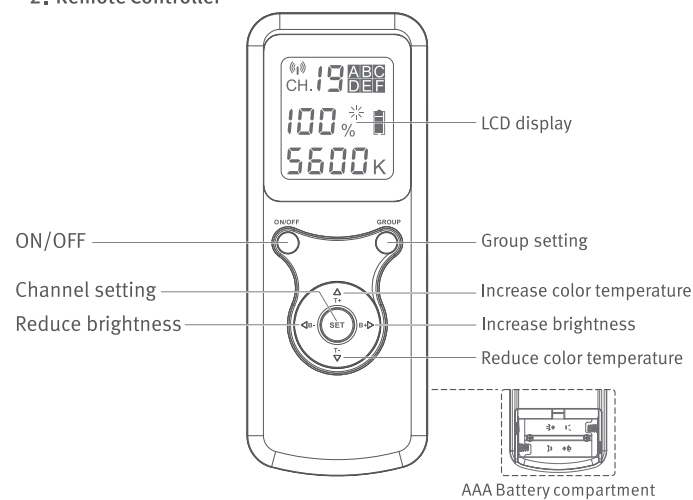


Parts

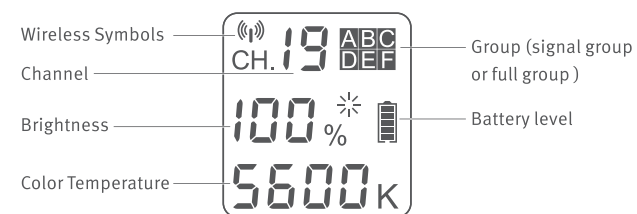
1. Body



2. Remote Controller



3. LCD Panel

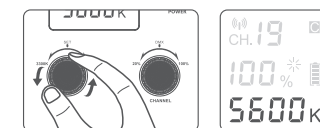


LED Light Setting

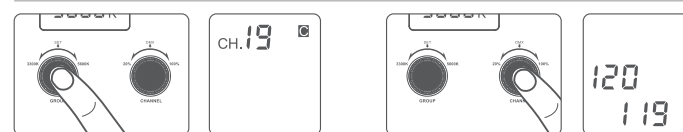
1. Insert Li-ion battery or DC adapter, then turn on power switch, LCD display will light up and display current information. At this time, you can set the relevant parameters.
Note: VL-D85B is of fixed color temperature and adjustable brightness; VL-D85T is of both adjustable color temperature and adjustable brightness. (For more details please refer to specification)



Brightness adjustment: Turn the brightness button left or right to adjust the brightness, Brightness range: 20%-100%



Color temperature adjustment: Turn the color temperature button left or right to adjust the color temperature, change the color temperature by 100K
Color temperature range: 3300K-5600K



Channel grouping: Short press the dimmer button, enter Group Channel Setting interface. Rotate the button right or left to set the group and channel, short press again to exit the setting. Group: A-F single group Channel: CH. 1-19, --(off)

Note: When channel setting is off, group can not be set. Attention: When the LED light is not in use for a long time, please take out the battery.

DMX Function: Short press color temperature button to enter into the DMX setting interface, the indicator light will last long time in white; at this point, you can rotate to left or right the brightness/color temperature button to set the channel (1-120) of brightness or color temperature; short press again to exit the DMX setting, then the indicator light goes off.

Note: When entered the DMX setting interface, parameters of the LED light can not be set. Parameters can be set by the control console.

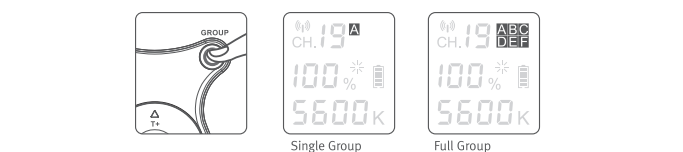
Remote Controller Setting

Press power switch to turn on the remote controller, then you can set relative parameters by wireless remote controller.
Attention: In the shutdown state, short press the power switch button to turn on/off the current group LED light, Long press to cut off the remote controller.

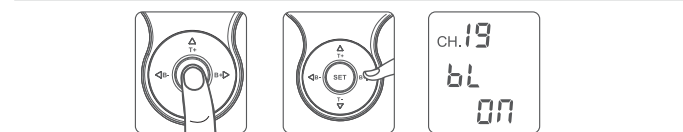


Brightness adjustment: Press <B+/B-> button to adjust current group brightness. Short press to increase/decrease the brightness by 1%. Long press to increase/decrease the brightness by 5%. Brightness range: 20%-100%

Color temperature adjustment: Press <T+/T-> button to adjust the current group color temperature. Short press to increase/decrease by 100K. Color temperature range: 3300K-5600K



Group setting: Short press group button, you can switch to different groups. You can set the brightness and color temperature of each group individually. Long press group button, all groups will show in the same time, then you can set the parameters for all the groups. Long press or short press the group button to return to single group setting.



Channel setting: Long press setting button, enter the channel setting interface. Short press up/down to switch channels. Turn on/off the backlight: Short press left/right to turn on/off backlight. Short press power button to exit channel setting interface.

FAQ and attention

1. Please replace the battery in the power-off state.
2. Do not use the light directly close to people's eyes, otherwise it may damage the retina.
3. Do not touch the lamp body during a long time using to avoid being burned.
4. Place other objects at least 15cm away from the light.
5. Prevent the lamp body from strong vibration, otherwise it may cause failure, leading to the component damage.
6. If not use the remote control in a long time, please remove the light and the remote control battery to preserve.
7. Do not attempt to disassemble or repair the lights by yourself, otherwise it may cause electric shock or light fault.
8. Please do not keep the product under a heavy object nor high temperature, or it will be damaged.
9. It is forbidden to cover any objects on the light that affect heat dissipation. Excessive temperature will shorten the life of the bulbs.
10. To keep the light stable when installing it to avoid it falling down and causing damage. To prevent children and the elder from the light.
11. If found smoking or burning smell, you should immediately stop operating and remove the battery to prevent the light from getting fired or burned. Before removing the battery, make sure that the light is fully cooled.
12. The light can not be soaked in water or exposed to rain or water vapor, unless there is appropriate protection to prevent liquid and water vapor. If water comes into the light, it may cause light to catch fire or get electric shock. In this case, you are supposed to cut off the power immediately or remove the battery.
13. Do not use the light in the presence of combustible or explosive gases. If using the light on the place with flammable gases (including propane, gasoline and dust), it may cause an explosion or fire.

Specifications

Model	VL-D85B	VL-D85T
Color temperature	5600K ± 300 (Fixed)	3300K~5600 (adjustable)
Brightness	20%~100% (adjustable)	20%~100% (adjustable)
Max. Brightness	10200 LM	9300 LM
Max. illuminance	7380Lux /1m	7030Lux /1m
Lamp beads	5600K : 1200 pcs	3300K : 600pcs + 5600K : 600pcs
Power (max.)	85W	
Continue light time	Approx. 1h (Li-battery "BP-L60A" 14.4V 5.4Ah)	
Group	6 groups (A, B, C, D, E, F)	
Channel	1~19	
Color rendering index	> 95 (RA)	
DC adapter	Input Voltage: AC110-240V/50/60Hz Output Voltage: DC18V/6A, round hole straight head Φ 5.5; 2.5mm internal diameter; magnetic ring included	
Lithium battery	V-type Li-battery: "BP-L60A" 14.4V 5.4Ah NP-type Li-battery: NP-F960 / F970 series	
Dimension	394mm × 364mm × 58mm	
Weight	Approx. 2.86kg (include Light Barrier)	
Standard Accessory	LED light *1 DC adapter *1 VL-500RT Remote controller *1 Converter *1 (Sony V Lock to NP Li Battery) Manual *1 Warranty card *1	

Model	VL-500RT remote controller
Frequency	FSK 2.4GHz wireless remote system
Control distance (in open air)	20 meters
Wireless remote group	Single group (A, B, C, D, E, F), Full group (ABCDEF)
Channel	19
Stand-by time	2.5 minutes without operation, it will off automatic
Environment temperature	-10~50°
Power	R03 Size AAA 1.5V battery
Dimension	141mm × 55mm × 18mm
Weight	Approx. 100g (not include battery)