[pro]master®

VL800B

Bi-Color LED

[Lighting Kit]

Specifications

Model	VL800B
Output Power	50W
CRI	85+
LED Quantity	800
Color Temperature	Adjustable 3200K - 5600K +/- 200K
Light Source	45°ultra bright φ5 LED
Dimmer	10%-100%
Lamp Life	50,000 hours
Remote Control	99 channels 2.4G wireless remote control
Effective Wireless Distance Range	≥30 meters / 98 feet
Lithium Battery Type	NP-F570, NP-F770, NP-F970
Battery Quantity	2PCS
Voltage	DC 13~19V
AC Adapter	Input: AC100-240V 50/60Hz. 15V.4A

Safety Precautions

1. Please keep the VL800B and remote control away from moisture and liquids.
2. Avoid contact with solvents, gasoline, grease, oil, paint and detergents.
3. Do not touch with wet hands.
4. Disconnect from power when not in use.
5. Do not open the housing or attempt to repair yourself.
6. Do not operate light near flammable liquids.
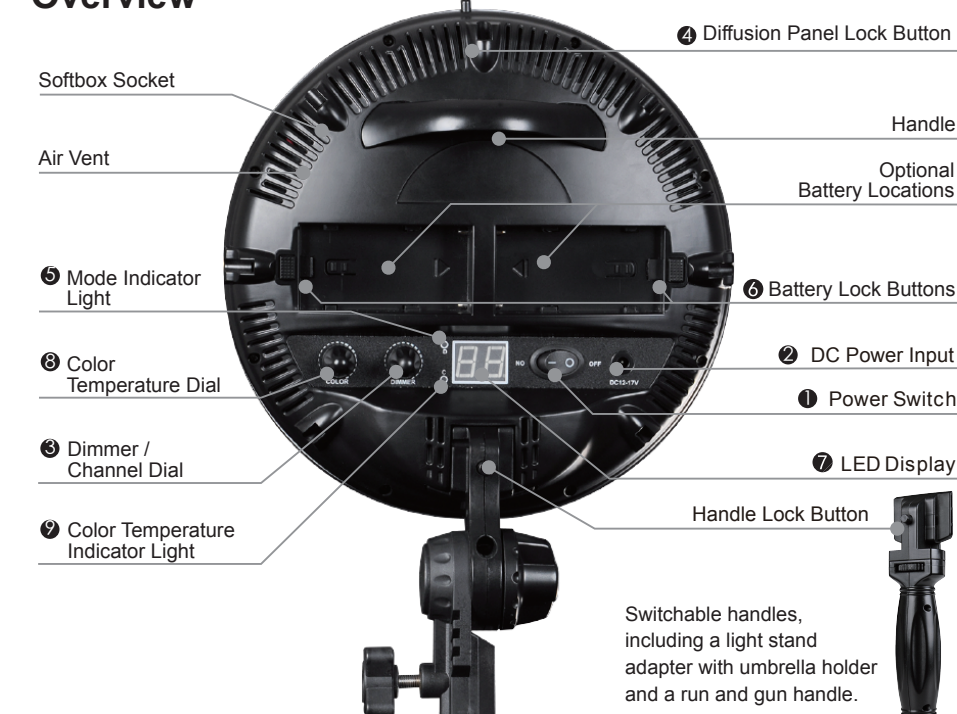
One Year Unconditional Warranty

If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return this product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If, at any time after one year, your ProMaster product fails under normal use, we invite you to return it to ProMaster for evaluation.

Code 6340 / 6347

Made in China

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Overview

❹ Diffusion Panel Lock Button

Softbox Socket

Air Vent

Handle

Optional Battery Locations

❺ Mode Indicator Light

❻ Battery Lock Buttons

❽ Color Temperature Dial

❷ DC Power Input

❸ Dimmer / Channel Dial

❶ Power Switch

❾ Color Temperature Indicator Light

❼ LED Display

Handle Lock Button

Switchable handles, including a light stand adapter with umbrella holder and a run and gun handle.

❶ **Power Switch** Use to turn the light on or off

❷ **DC Power Input** Connect to the included AC Adapter before connecting the other end to a wall outlet.

❸ **Dimmer / Channel Dial** Use this dial to adjust the VL800D's brightness when the mode selector red light is on and the unit is in dimming mode. When the mode selector light is off, the unit is in channel select mode and the dial will change the wireless remote channel.

❹ **Diffusion Panel Lock Button** Push toward the back of the light to release the diffusion panel. While holding the button back, rotate the diffusion panel clockwise, tilt and lift up to remove. Install a new diffusion panel in reverse order.

❺ **Mode Indicator Light**
Red Light off = channel select mode   Red Light on = dimming mode

❻ **Battery Lock Buttons** Press to release optional NPF-750 and NP-F960 to NP-F770 and NP-F970 batteries.

❼ **LED Display** This display shows brightness setting from 10 to 99 when the mode selector red light is on and the unit is in dimming mode. It will show a wireless channel number from 1 to 99 when the mode selector light is off and the unit is in channel select mode.

❽ **Color Temperature Dial** Use this dial to adjust the color temperature between 3200K and 5600K. Push and hold this dial for approximately 1 second to put the VL800B into FULL POWER mode.

❾ **Color Temperature Indicator Light** Yellow light on = color temperature adjusting mode

Operation

After unboxing the components, choose either the Light Stand Adapter or the Run and Gun Handle. Press the Handle Lock Button while sliding the handle into the base of the VL800B. If you are using the Light Stand Adapter, you can now mount the VL800B onto a standard light stand (5/8" male connector). Be sure to tighten the locking knob at the bottom of the Light Stand Adapter for a secure fit. If you wish to use an umbrella light modifier, simply slide it into the umbrella hole found in the neck of the Light Stand adapter.

Next push the male 2-pin end of the DC power adapter cord into the female DC Power Input socket on the back of the VL800B. Secure the fitting by turning the knurled ring clockwise. Attach the AC cord to the other end of the DC transformer and then plug the unit into a standard wall AC outlet.

Turn the VL800B on using the Power Switch.

Push the Dimmer/Channel Dial to toggle between modes which are indicated by the Mode Selector Light and Color Temp. Selector Light. Red 'D' light on means you are in dimming mode. Yellow 'C' light on means you are in color temperature mode. Both lights off means you are in channel select mode. Each of these modes is explained below.

Dimming Mode

With the Mode Indicator light on (red 'D' light) and the VL800B set to dimming mode, you can use the Dimmer/Channel dial to adjust light output. The LED Display will show a number from 10 to 99 demonstrating your light output setting.

Color Temperature Mode

With the Color Temperature Indicator light on (yellow 'C' light) and the VL800B set to color temperature mode, you can use the Color Temp. dial to adjust the warmth and coolness of the light. The LED display will show a number from 32 to 56 demonstrating your color temperature setting in Kelvin with a range of 3200K to 5600K.

Channel Select Mode

The D and C lights will be off (unlit) to show you are in channel select mode. This mode allows you to set the wireless channel of the VL800B. You can select any channel number between 1 and 99. Once a channel is selected, you can control the VL800B remotely using the included remote. The remote must be set to the same channel. You may choose to set multiple VL800B lights to different channels allowing the remote to control each unit independently. Or you can set multiple VL800B lights to the same channel and control them together using the remote. This will result in all lights using the same brightness.

Please refer to the VL800 Wireless Remote Control Instruction Manual for more information.

Full Power Mode

The VL800B includes a unique Full Power Mode. Most Bi-color lights have a light output of only half the power of a similar daylight balanced light. This is because half of the LEDs are devoted to warm light and half to cool light. By pressing the Color Temp. Dial for 1 second or longer, you can activate the Full Power Mode, in which all of the VL800B's LEDs will give maximum light output. In this mode, both the C and D lights will illuminate. Be sure to use the custom white balance setting in your camera for the unique color temperature created during this mode.

Using the Diffusion Panel

Your VL800B includes one white frosted diffusion panel. The VL800B will work perfectly fine without a panel installed, giving you its maximum brightness and also its harshest light. Use the white frosted panel to soften the light.

You can mount the diffusion panel to the VL800B by following these steps.

1. Be sure the light is turned off before installing or removing the diffusion panel.
2. While facing the front of the VL800B (light emitting side) insert the bottom of the diffusion panel into the curved slot in the bottom front of the VL800B.
3. Hold the tab at the top of the diffusion panel making sure you can read the word FRONT.
4. Push the top of the panel toward the light until the panel is flush with the front of the VL800B. The slots on the perimeter of the panel should be aligned with the tabs around the bezel of the VL800D at this time.
5. While holding the panel flush to the VL800B and pressing back on the diffusion panel lock button, rotate the panel counter-clockwise until it positively 'clicks' into place. The round peg controlled by the diffusion panel lock button will be fully engaged with the round hole on the diffusion panel below the FRONT Tab.
6. The panel can be removed in reverse order.

Running on Batteries

The VL800B has a unique feature in that it can be used on battery power when an AC outlet is not available. Be sure the unit is not connected to a wall outlet before installing batteries. Use two NP-F770 or NP-F970 batteries with a full charge. Simply push the batteries into the two battery slots on the back of the VL800D with the battery contacts oriented toward the middle of the fixture. Slide the batteries toward each other (away from the Battery Lock Buttons until they 'click' into place.) You can now operate the VL800B as normal. Press the Battery Lock Buttons and slide the batteries away from each other to remove them.

Mounting a Softbox

Use a softbox specifically designed by ProMaster for the VL800B for proper fit.

Locate the eight softbox sockets on the back of the light housing. You will use these to insert the flexible rods as you mount the softbox. An octagonal softbox will use all eight slots. A square or rectangular softbox will use four of the slots at the 10, 2, 4, and 8 o'clock positions. Once the softbox is installed you may choose to use or remove its internal baffle. The baffle will create a more even light across the front of the softbox while also reducing some of the light output. You do not need to use the frosted diffusion panel when a softbox is installed. It is unnecessary and will reduce the light output.