



VL800D [Daylight Balanced LED Lighting Kit]



Specifications

Model	VL800D
Output Power	50W
CRI	85+
LED Quantity	800
Color Temperature	5600K +/- 200K or 3200K +/- 200K with amber diffuser
Light Source	45° ultra bright ϕ 5 LED
Dimmer	10%-100%
Lamp Life	50,000 hours
Remote Control	99 channels 2.4G wireless remote control
Effective Wireless Distance Range	\geq 30 meters / 98 feet
Lithium Battery Type	NP-F750, NP-F960
Battery Quantity	2PCS
Voltage	DC 13-19V
AC Adapter	Input: AC100-240V 50/60Hz. 15V.4A

Safety Precautions

1. Please keep the VL800D 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

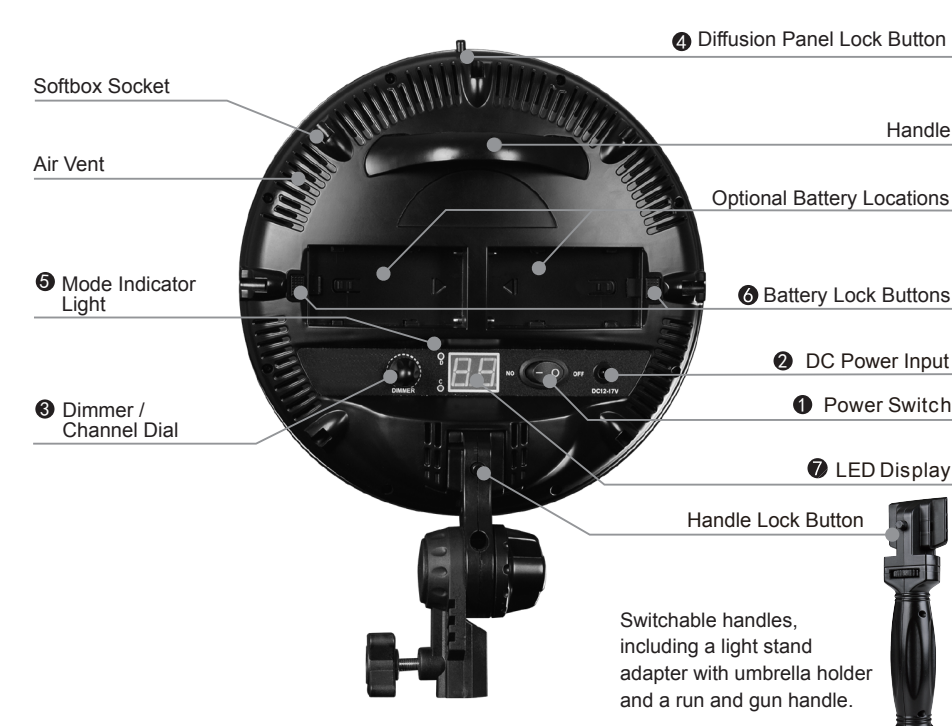
If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return this product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If, at any time after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

Code 1650 / 1657

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Overview



1. **Power Switch** Use to turn the light on or off
2. **DC Power Input** Connect to the included AC Adapter before connecting the other end to a wall outlet.
3. **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.
4. **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.
5. **Mode Indicator Light**
Red Light off = channel select mode Red Light on = dimming mode
6. **Battery Lock Buttons** Press to release optional NP-F750 or NP-F960 batteries.
7. **LED Display** This display will show a 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.

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 VL800D. If you are using the Light Stand Adapter, you can now mount the VL800D 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 VL800D. 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 VL800D on using the Power Switch.

Push the Dimmer/Channel Dial to toggle between modes which are indicated by the Mode Selector Light. Red light on means you are in dimming mode. Red light off means you are in channel select mode. Each of these modes is explained below.

Dimming Mode

With the Mode Indicator light on and the VL800D 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.

Channel Select Mode

The Mode Indicator light will be off (unlit) to show you are in channel select mode. This mode allows you to set the wireless channel of the VL800D. You can select any channel number between 1 and 99. Once a channel is selected, you can control the VL800D remotely using the included remote. The remote must be set to the same channel. You may choose to set multiple VL800D lights to different channels allowing the remote to control each unit independently. Or you can set multiple VL800D 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.

Using the Diffusion Panels

Your VL800D includes two diffusion panels – one white frosted panel and one amber panel. The VL800D 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 while maintaining a daylight balanced color temperature. Or choose the amber diffusion panel to change the VL800D's color temperature to a tungsten-balanced 3200K. The amber panel creates a warm light which mixes well with incandescent and tungsten halogen lights.

You can mount either diffusion panel to the VL800D by following these steps.

1. Be sure the light is turned off before installing or removing a diffusion panel.
2. While facing the front of the VL800D (light emitting side) insert the bottom of the diffusion panel into the curved slot in the bottom front of the VL800D.
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 VL800D. 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 VL800D 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 VL800D 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-F750 or NP-F960 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 VL800D 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 VL800D 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. You may use the amber diffuser if you require a 3200K color temperature.