

[pro]master®

Vari-Temp [ Camera/Camcorder  
**LED Light** ]

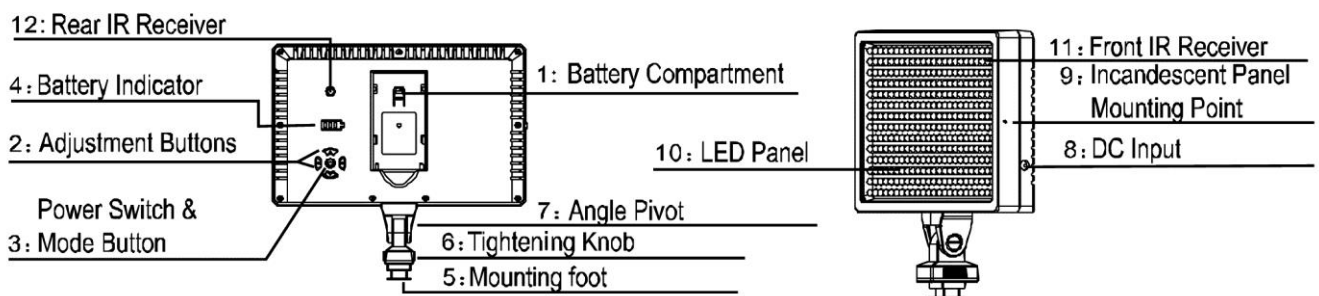


**Variable Color Temperature**

## Introduction

The **PROMASTER VARI-TEMP LED LIGHT** will help you get amazing video and photos with your digital still camera or camcorder. Using a combination of daylight and yellow LEDs, this ultra-bright light has the ability to match the color temperature of most indoor lighting for a perfect blend of natural existing light and added light. The Vari-Temp LED operates off of either a rechargeable lithium battery for complete portability or A/C power for maximum shooting time. The included remote control not only controls the various functions of the light, including the brightness, but also doubles as an infrared remote control for cameras supporting this function. Use it on your camera or set up multiple units to get the lighting you desire.

## Parts Identification



## Set Up and Operation

### Installing the Light

1. Rotate the mount of the light so that it is aligned with the light.
2. Insert the mounting foot (5) of light into camera's mounting shoe and rotate the tightening knob (6) clockwise until the light is snug. Alternately, you may mount the light on a tripod or light stand by screwing the tripod or stand into the 1/4-20 threaded socket in the base of the mounting foot.
3. Adjust the light to the desired angle. You may fix this angle by using a coin or screwdriver to tighten the screw in the angle pivot.

### Removing the Light

1. Rotate and loosen the tightening knob (6) by turning it counterclockwise.
2. Remove the light from the camera's shoe.

**Note:** If the battery is installed be sure the unit is OFF when mounting or unmounting the unit.

### Battery Operation

1. Align the contacts of the battery with the battery contacts inside the battery compartment (1). Gently slide the battery downward until you hear a slight click. The battery will be locked into place.
2. To remove the battery, press down on the lock tab at the top of the battery and slide the battery upward.

**Note:** For best results, make sure your battery is fully charged.

### A/C Operation

1. Connect the DC barrel plug of the power supply to the DC input (8) of the light.
2. Plug the A/C cord of the power supply into an A/C power outlet.

## Using the Light

Your PROMASTER VARI-TEMP LED light uses a combination of daylight and 3200° K super bright LEDs to adjust the color temperature of your light to the surrounding ambient light conditions. Matching the color temperature of the existing light allows you to add light to get better exposures while maintaining the natural feel of your scene.

1. Press and hold the Power/Mode button (3) for approximately 3 seconds to turn on the light. The battery indicator lights will come on to indicate the remaining battery power. To turn the light off, press and hold the Power/Mode button for approximately 3 seconds until the light turns off.
2. Select a mode by pressing the mode switch. Continue to press the mode switch to cycle through each mode and choose your desired setting:  
Modes: Constant light (default), Fast Flash, SOS (International distress signal), Slow Flash
3. Adjust the light to the desired level of color and brightness using the adjustment buttons (2). The UP ▲ and DOWN ▼ buttons increase (UP) or decrease (DOWN) the brightness of the yellow light. The LEFT ◀ and RIGHT ▶ buttons increase (LEFT) or decrease (RIGHT) the brightness of the white light. Use these controls together to control the color temperature and the overall intensity of the light.

### **Note:**

1. As the battery gets weaker, the light output will be reduced. Please be sure to use a fully charged battery and in order to maintain the maximum output of the light, replace the battery when the power level is low.
2. After use be sure to set the power switch to "OFF".
3. When not in use, remove the battery and store in a cool dry location.
4. Before storing the light, be sure it is cool to the touch. Storing a hot light could cause fire.

## Remote Control

The supplied MR6 remote control can control all of the functions on the light as well as the shutter release function of CANON, NIKON, SONY, PENTAX, and KONICA/MINOLTA cameras that support an infrared remote.

1. The light has infrared receivers on both the front and rear panel of the light (11, 12). To operate the light, point the remote control in the direction of the light. Press:

ON – To turn the light on

OFF – To turn the light off

M – To cycle through the operation modes of the light

▲ or ▼ - To control the intensity of the yellow light

◀ or ▶ - To control the intensity of the white light

2. To use the remote as a shutter release:

**CANON** – Press the S button next to the Canon name to release the shutter immediately. Press the 2S button to release the shutter after a 2 second delay. In the autofocus mode on Canon cameras the shutter will not release unless the camera has achieved proper focus. The 2S mode allows time for certain slower focusing lenses to achieve focus.

**NIKON** – Press the S button next to the Nikon name to release the shutter immediately.

**PENTAX** – Press the S button next to the P name to release the shutter. The W/T button may be used to control the zoom on some Pentax models.

**SONY, KONICA/MINOLTA** – Press the S button next to the KM name to release the shutter immediately. Press the 2S button to release the shutter after a 2 second delay.



**Note:** The working distance of an infrared signal can vary dramatically. Bright light, obstructions between the remote and the device, weak batteries and other factors may impact the reliability of remote operation.

### **Charging the battery**

Your LED336 light includes a battery and charger. To charge the battery:

1. Align the contacts of the battery with the battery charging contacts on the charger. Gently slide the battery onto the charger until you hear a slight click. The battery will be locked into place.
2. To remove the battery, press down on the lock tab at the end of the battery and slide the battery away from the charger.
3. Plug the charger into an A/C power source. The charge indicator will glow red.
4. When the battery is fully charged, the battery indicator will glow green (approximately 4 hours).

**WARNING: Only use the battery type specified for this charger. Using an incompatible battery may cause fire, explosion, or personal injury.**

### **Safety Tips**

To prevent any damage to your product or personal injury, please read the following safety precautions before operation.

1. To prevent the risk of fire or electric shock, do not expose this device to rain or moisture.
2. Use of incorrect battery or power supply may cause this unit to be damaged or become inoperable. Please note the correct operating voltage before use.
3. If this unit emits smoke or a strange odor, disconnect the power immediately to prevent further damage to the equipment or personal injury.
4. Do not disassemble this product. If the equipment is dropped or damaged by other means, please disconnect the power and return it to your dealer for service.
5. Remove the battery and power supply for storage and transportation. Leaving the battery or power supply attached for long periods of time without use may cause fire or other unsafe conditions.
6. Keep out of reach of children. This is not a toy and may cause injury if handled improperly.
7. Be sure to observe all instructions for proper use of the battery and charger. Improper operation may cause the battery to leak or burst.
8. Do not disassemble or short circuit the battery. Do not expose the battery to flame or excessive heat. Do not immerse the battery in water or other fluids. All of these actions can cause fire, explosion, or personal injury.
9. This light is very bright. Avoid staring at the light when it is on. Lengthy exposure to the eyes could cause vision impairment.
10. Do not cover the ventilation grille, which could cause excessive heat build up inside the light and cause damage.
11. Do not expose the light to water or other liquids, which could cause a short circuit and damage the light.
12. Avoid placing the light near alcohol, gasoline, or other flammable or volatile solvents which could cause fire or damage to the light.
13. Do not pick up your camera by the light when it is attached. This could cause damage to the light and/or your camera.

## Cleaning

1. To clean the light, use a damp cloth. Be sure to completely dry the light after cleaning.
2. Do not use strong detergents, such as thinner, gasoline or alcohol, which could damage the protective layer of the lamp housing.

## Specifications

<b>Working Voltage</b>	6v-9v	<b>Output Power</b>	20W Total -10W at full white or full yellow
<b>Average LED Life</b>	50000 hours	<b>Color Temperature</b>	3200~6000K
<b>Luminance</b>	2180LUX	<b>Illumination angle</b>	60°
<b>Working Distance</b>	Up to 26'8m	<b>LED Quantity</b>	336pcs 168 daylight – 168 yellow
<b>Size</b>	7 7/16 x 7 x 1 ¼" / 188 x 178 x 32mm	<b>DC Input</b>	9V~16.8V
<b>Compatible Batteries</b>	Sony type NP-F, NP-FM, NP-QM series battery		

### Code 2437

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