

SpectroLED

ESSENTIAL 240

LIGHT

USER MANUAL



G genaray™

INTRODUCTION

The SpectroLED Essential 240 Bi-Color LED and 240 Daylight LED lights have a sturdy, high-quality housing that's designed for use in the studio or on location. It produces bright, consistent light powered by DC power or a Sony NP-F battery.

The panels each contain 240 individual LEDs in two variations: Daylight and Bi-Color. The Daylight version generates a 5600°K daylight-balanced light. The Bi-Color version has a variable color temperature that allows you to choose a color temperature from 3200°K to 5600°K. A built-in dimmer allows you to change the light output from 100% to 0%. Additionally, a removable diffusion filter is included to help soften and spread the light.

LED lights produce very little heat, so the SpectroLED can be used for extended periods without overheating.

The Essential LED-series lights are excellent lightweight fixtures that provide a high-powered lighting solution for in-studio or on-location illumination.

KEY FEATURES

- Portable, lightweight 240-LED light
- Daylight version produces 5600°K light
- Bi-Color version has adjustable color temperature from 3200-5600°K
- Dimming from 100-0%
- AC/DC power
- Optional Sony NP-F battery power
- Yoke and ¼" -20 mounting options
- Ability to stack up to three units
- Offset diffuser

CONTENTS INCLUDE

- Light Panel
- Yoke
- AC to DC adapter
- AC power cord
- Diffuser
- Stacking clips (x2)
- One-Year Limited Warranty



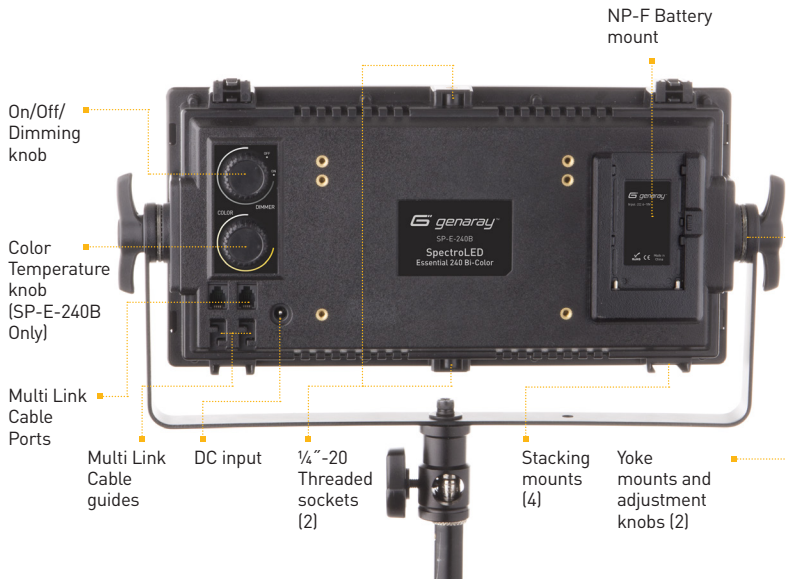
PRECAUTIONS



- Please read and follow these instructions and keep this manual in a safe place.
- Keep this unit away from water and all flammable gases or liquids.
- Use only the recommended batteries.
- Do not attempt to disassemble or repair the equipment – doing so will void the warranty, and Genaray will not be responsible for any damage.
- Handle the unit with care.
- Do not stare directly at the lights when they are powered on.
- Clean the unit with a soft, dry cloth.
- Keep this unit away from children.
- Use only parts provided by the manufacturer.
- Make sure the item is intact and that there are no missing parts.
- All photos are for illustrative purposes only.

PRODUCT OVERVIEW





MOUNTING THE SpectroLED ESSENTIAL LIGHTS

- The SpectroLED Essential LED lights come with a pre-installed yoke, allowing you to easily balance and adjust the tilt of the light. The yoke can be mounted horizontally or vertically on a light stand, allowing the user to position the device in a way that the yoke doesn't block the light.
- The yoke has a standard 5/8" mount to fit most light stands. Additionally, there are 1/4"-20 sockets on the top and bottom of the lights, allowing for fully-customizable light mounting.

Horizontally mounted



Vertically mounted



- To remove the yoke, unscrew the two adjustment knobs from the sides.
- The Essential-series LED lights are also equipped with stacking mounts, allowing you to connect up to three units, creating a vast array of additional lighting options. To stack your units, slide the stacking clips into the stacking mounts on one of the devices. Then slide the second light to the first unit's stacking clips. Repeat these steps to mount a third light.

Note

Do not stack more than three units at one time.



POWERING THE LIGHTS

- The SpectroLED Essential LED lights come with an included AC/DC cable, allowing for a nearly limitless power supply from a standard electrical outlet. To power your light, plug the AC/DC adapter into a power outlet, and the other end into your device's DC input port on the back of the unit.
- Additionally, the Essential-series light units can also be powered with Sony NP-F batteries (sold separately), allowing you to avoid cable clutter or work in a location without electrical outlets.



ADJUSTING THE LIGHT OUTPUT

- The SpectroLED Essential LED lights' power output is controlled with the On/Off/Dimming knob on the back of the device. With the device in the off position (with the knob turned all the way counterclockwise), turn the knob clockwise to power on the light and adjust the brightness output from 0-100%. Turn the knob counterclockwise to dim or turn off the light.
- The Bi-Color version also includes a color temperature knob, allowing you to change the color temperature from daylight (5600°K) to tungsten (3200°K). Turning the knob clockwise will adjust the color temperature towards daylight, while turning the knob counterclockwise will give the lights a warmer, tungsten light color temperature.



- Additionally, the Essential-series LED lights come with an offset diffuser which is perfect for dispersing and softening the light output.
- To install the diffuser, simply insert the sides into the mounting notches on the side of the light panel.

DAISY CHAINING MULTIPLE LIGHTS

- The Essential-series LED lights come with two Multi Link Cable ports. With the use of the optional SP-E-MLC Multi Link Cable, you can control the light output of any compatible lights using the adjustment dial on the first unit in the chain.
- For example, you can adjust the dimming and color temperature of multiple Essential Bi-Color lights by adjusting the dials on only the first unit. The same applies to the dimming for multiple Essential Daylight lights.

Note

An Essential Bi-Color light cannot adjust the color temperature of an Essential Daylight light unit. Similarly, an Essential Daylight light cannot adjust the color temperature of an Essential Bi-Color light.

PRODUCT SPECIFICATIONS

SP-E-240B (Bi-Color)

LED Count: 240

Color Temperature: 3200–5600°K

Dimming: 100% to 0%

Watts: 20

Lux: 1700 @ 1m

Coverage: 60°

Bulb Life: 30,000 hours

Weight (without yoke): 1.4 lbs. (0.63 kg)

Weight (with yoke): 2.25 lbs. (1.02 kg)

Dimensions: (H×W×L) 5.8 × 11.75 × 2.1"
(14.7 × 29.84 × 5.3 cm)

SP-E-240D (Daylight)

LED Count: 240

Color Temperature: 5600°K

Dimming: 100% to 0%

Watts: 20

Lux: 1700 @ 1m

Coverage: 60°

Bulb Life: 30,000 hours

Weight (without yoke): 1.3 lbs. (0.58 kg)

Weight (with yoke): 2.2 lbs. (1 kg)

Dimensions: (H×W×L) 5.8 × 11.75 × 2.1"
(14.7 × 29.84 × 5.3 cm)

ONE-YEAR LIMITED WARRANTY

This GENARAY product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. Genaray's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at Genaray's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by Genaray. If the product has been discontinued, Genaray reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, GENARAY MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Genaray Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Genaray along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information, or to arrange service, visit www.genaray.com or contact us at info@genaray.com.

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