

.....  
**MonoBright™**

LED BI-COLOR 750

USER MANUAL



**G** genaray™

MonoBright™  
LED BI-COLOR 750  
INTRODUCTION

Thank you for choosing Genaray.

The Genaray MonoBright™ LED Bi-Color 750 incorporates the HiBrite Bi-Color microLED PCB to provide energy efficiency, high efficacy, and low heat in a compact, lightweight monolight housing. The MonoBright Bi-Color emits an intense 8,000 lux (lx) of continuous light and draws only 100 W to deliver the equivalent output of a 750 W open-face tungsten light. Its microLED circuitry offers outstanding longevity with 50,000 hours of use. The bi-color feature lets you adjust the color temperature from 3200–5600 K to customize and fine-tune your light, and a high color rendering index (CRI) of >90 optimizes color accuracy.

The MonoBright LED Bi-Color is compatible with worldwide AC voltages (with appropriate plug adapter) and can also be run on an optional 12 V DC battery. Thanks to its small, lightweight build and convenient carry handle, the MonoBright is perfect for the traveling or location photographer.

The MonoBright LED Bi-Color offers brightness adjustment from 100%–10%, which can be controlled from either the rear panel or an optional 2.4 GHz wireless transmitter. The transmitter can also control the unit's color temperature, making it a convenient remote for use in a sophisticated lighting setup. During the course of a shoot, you can turn the unit off from either the control panel or the transmitter, and it will retain your settings the next time you turn it on.

This LED's monolight housing makes adding accessories easy. The built-in umbrella receptacle and S-mount allow you to attach light modifiers like umbrellas, softboxes, and beauty dishes to customize and sculpt your light for the perfect look.

## TABLE OF CONTENTS

Introduction .....	2-3
Precautions .....	4-5
Overview.....	6-9
Mounting the MonoBright .....	10
Mounting Accessories.....	11-12
Powering the MonoBright ....	13-14
The Control Panel.....	15-17
Specifications .....	18-19
FCC Statement.....	19
Warranty .....	20

## PRECAUTIONS



- Please read and follow these instructions and keep this manual in a safe place.
- Keep this product away from water and any flammable gases or liquids.
- Do not leave the device in a closed vehicle under the sun or in other areas subject to very high temperatures.
- Remove the front transport cap before operating the MonoBright Bi-Color.
- Make sure this product is powered off when plugging it into a power source.
- Always remove the power cord by holding the plug; do not pull the cord.
- Disconnect the power cord from the power supply when not in use.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair this product. There are components inside that can produce a hazardous electric shock.
- Do not stare at the light when it is powered on.

- Do not point directly towards the naked eye (especially those of infants and small children)—it may lead to visual impairment.
- Avoid any unnecessary impact to the unit, as this can damage the LED.
- Handle this product with care.
- Do not touch the LED or expose it to moisture.
- If necessary, clean the LED with only a lint-free, cotton cloth. Do not smudge.
- Keep this product away from children.
- Make sure that this product is intact and that there are no missing parts.
- All photos are for illustrative purposes only.

PRODUCT  
OVERVIEW





## PRODUCT OVERVIEW







## MOUNTING THE MONOBRIGHT

1. Make sure the tilt adjustment knob is fully tightened.
2. Loosen the locking knob on the mounting socket and mount the MonoBright on your lightstand or other mounting equipment.
3. Tighten the locking knob until secure.

You can adjust the tilt of the MonoBright Bi-Color by loosening the tilt adjustment knob. Keep one hand on the light to hold it steady.



## MOUNTING ACCESSORIES

### THE ACCESSORY MOUNT

After mounting the MonoBright Bi-Color, you will need to attach the reflector or another light modifier. The MonoBright Bi-Color is equipped with an S-type accessory mount for attaching light-shaping tools like softboxes, beauty dishes, and snoots, as well as the included 7" umbrella/grid reflector with an umbrella hole.

Before mounting an accessory, remove the transport cover by pulling the accessory release and rotating the transport cover counterclockwise. ■

To install an accessory, follow these steps:

1. Align your accessory's mounting pegs with the corresponding notches on the MonoBright Bi-Color's S-mount. ■



**Note:** When attaching an accessory with an umbrella hole, such as the included reflector, make sure the accessory's umbrella hole is aligned with the MonoBright's umbrella receptacle located above the mounting socket.

2. Insert your accessory into the S-mount and rotate it clockwise until it locks into place.

If desired, the included diffuser cover can be stretched over the 7" reflector to help soften the light output.

To remove the accessory, pull the accessory release and rotate the accessory counterclockwise.

When mounting a softbox, make sure your softbox's speed ring is compatible with the S-mount. For example, if you want to mount the Raya 32" Octa Soft Box, which

is proprietary to the Raya Speed Ring, you would need to make sure that the Raya Speed Ring is compatible with the MonoBright. In this case, the Raya Speed Ring is compatible with the MonoBright's S-mount, so you're good to go.

## THE UMBRELLA RECEPTACLE

The MonoBright Bi-Color is built with an integrated umbrella receptacle. To install an umbrella, insert your umbrella shaft into the umbrella receptacle and tighten the umbrella thumbscrew until secure. ■



## POWERING THE MONOBRIGHT

There are two ways to power the MonoBright Bi-Color: AC or a 12 V DC battery.

### **Important!**

Do not turn on the MonoBright Bi-Color while the transport cover is mounted.

### **AC POWER**

To power the MonoBright Bi-Color via AC power, make sure the unit is turned off. Connect the AC cable to the AC/DC adapter and a wall outlet, and then connect the adapter's XLR connector to the MonoBright Bi-Color's XLR input.

To turn on the MonoBright Bi-Color, press the power switch.

## 12 V DC BATTERY

To power the MonoBright Bi-Color via a 12 V DC battery, make sure both the MonoBright Bi-Color and the battery are turned off, and use a compatible Genaray MonoBright battery cable to connect the MonoBright Bi-Color's DC XLR power socket to your 12 V DC battery. Both the battery and the cable are available separately.

For batteries with an XLR connector, use the Genaray MB-BCXLR cable. For batteries with a cigarette lighter connector, use the Genaray MB-BCCL cable.

**Note:** Use only Genaray MonoBright battery cables with MonoBright LED lights. Cables from other manufacturers may be incompatible and may cause damage.

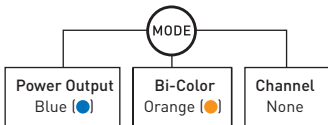
### Important!

Make sure to connect and disconnect the XLR plug only when the MonoBright Bi-Color's power switch is in the Off position, and your 12 V DC battery is turned off if it has a power switch.

Make sure the connections to the MonoBright Bi-Color and battery are securely locked before turning on the MonoBright Bi-Color and battery power.

To turn on the MonoBright Bi-Color, first turn on your 12 V DC battery (if it has a power switch) and then press the MonoBright Bi-Color's power switch.

## THE CONTROL PANEL



*Press the knob to switch between power output and bi-color modes. Press and hold the knob to enter the channel mode. The status LEDs indicate the current mode.*

Adjustments are made via the control panel's dimmer knob. The knob is graduated, so each notch is one increment. Quickly moving the knob will accelerate the speed at which you'll reach the top or bottom of the scale.

## ADJUSTING POWER OUTPUT

You can adjust the MonoBright's power output from 10%–100%. The selected output appears on the display as 10–99, from dimmest to brightest.

To adjust power output via the control panel, make sure the blue (●) dimmer indicator is glowing. If it's not glowing, press the dimmer knob to enter power output mode, and the output will appear on the LED display. Rotate the knob to adjust the output.

## ADJUSTING COLOR TEMPERATURE

You can adjust the MonoBright Bi-Color's color temperature from 3200–5600 K. The selected color temperature appears on the display as 32–56, from warmest to coolest.

To adjust color temperature via the control panel, make sure the orange (●) color temperature indicator is glowing. If it's not glowing, press the dimmer knob to enter color temperature mode, and the color temperature will appear on the display. Rotate the knob to adjust the color temperature.

## SELECTING CHANNELS

On the MonoBright Bi-Color, 99 channels (1–99) are available. You can use this option with the optional wireless transmitter to remotely control your MonoBright Bi-Color's output and color temperature. You can also set multiple MonoBright units to different channels and adjust them in unison and at different power outputs or color temperatures.

To select a channel via the control panel, press and hold the knob until the indicators turn off and the number on the display blinks to indicate the channel number. Rotate the dimmer knob to cycle through the channels.



When adjusting power output or color temperature via the wireless transmitter (available separately), the output value will not appear on the MonoBright Bi-Color's display if the unit is in color temperature mode, and vice versa. To display the value, you can manually change the mode on the MonoBright Bi-Color's control panel (see Adjusting Power Output on page 15 and Adjusting Color Temperature on page 16).

## PRODUCT SPECIFICATIONS

### MonoBright LED Bi-Color 750

**Light source:** HiBrite Bi-Color microLED PCB

**Lamp life:** 50,000 hr.

**Luminance:** 8,000 lx @ 3' (1 m)

**Electrical consumption:** 100 W

**Tungsten output equivalent:** ~750 W

**AC operating voltage:** 100–240 V AC,  
50/60 Hz

**DC operating voltage:** 12–17 V DC

**Cable length**

**AC cable:** 15.5' (4.7 m)

**XLR connector (female):** 12' (3.7 m)

**Color temperature:** 3200–5600 K ( $\pm 300$  K)

**CRI:** >90

**Dimming:** 10%–100%

**Heat dissipation:** 25 dBA fan

**Wireless receiver:** Built-in 2.4 GHz receiver

**DC connector:** 4-pin XLR

**Dimensions:** (D x W x H) 8" x 6" x 8.25"  
(20.3 x 15.2 x 20.9 cm)

**Weight:** 2.6 lb. (1.2 kg)

**Reflector****Beam angle:** 60°**Diameter:** 7"**Reflector type:** Umbrella/grid reflector**Finish:** High-gloss polish**FCC  
STATEMENT**

This device complies with Part 15 of the FCC rules. Operation is subject to the follow two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## 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](http://www.genaray.com) or contact us at [info@genaray.com](mailto:info@genaray.com).