

ML-33K

# Endeavor

150-WATT DAYLIGHT LED MONOLIGHT

USER MANUAL



**G** genaray®

## THANK YOU FOR CHOOSING GENARAY

The Genaray Endeavor 150-watt monolight features an advanced chip-on-board (COB) LED that outputs a powerful constant light source to deliver a brilliant daylight-balance beam for video and photo shoots. The fixture's natural-looking 5600 K daylight-balance light is dimmable from 100% to 0% in 10% increments for the brightness your exposures need.

The COB array emits 33,000 lux @ 3 feet from a compact area for a traditional single-shadow light, even without a diffuser. The Endeavor emits a flicker-free beam that eliminates unwanted strobing effects when shooting in slow motion. And the CRI and TLCI of over 97 deliver extremely accurate color rendering for vibrant and realistic color reproduction on your monitor.

The Endeavor is outfitted with Genaray's 2.4 GHz Lightseeker remote receiver, which adds the capability of selecting between 16 channels and five groups. The Lightseeker remote is available separately, and it allows you to control multiple Lightseeker-equipped Genaray lights from up to 300 feet away.

## PRECAUTIONS



- Please read and follow these instructions, and keep this manual in a safe place.
- Keep this unit away from water and any flammable gases or liquids.
- Make sure this unit is powered off when plugging it into a power source.
- Use only the correct, recommended voltage.
- Handle the unit with care.
- Do not attempt to disassemble or repair the equipment. Doing so will void the warranty, and Genaray will not be responsible for any damage.
- Do not stare directly at the lights when they are powered on.
- Clean the unit with only a soft, dry cloth.
- Images are for illustrative purposes only.

PRODUCT  
OVERVIEW

## Light Fixture - Front

Bowens mount  
release button

Bowens mount

COB LED array

Umbrella locking screw

Umbrella hole

DC power socket

Light stand mount

Tilt lock

Locking knob

Locking button

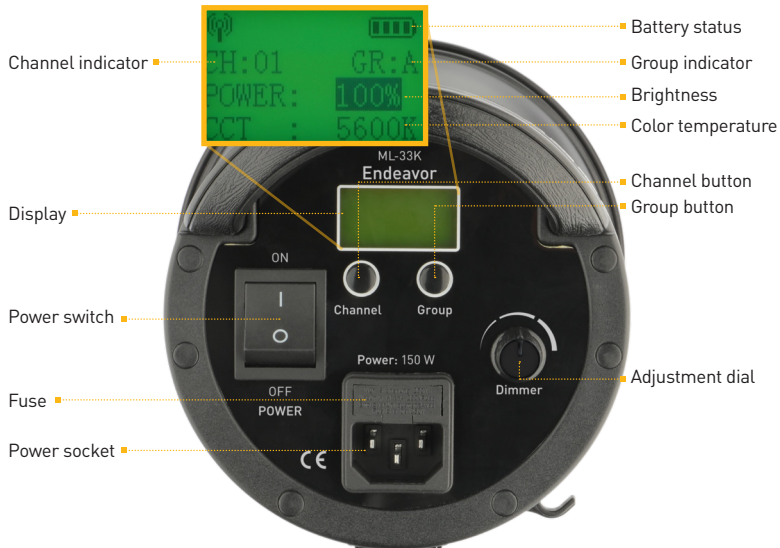
5/8 in. receiver

## Reflector

Umbrella mount



## Light Fixture - Back



## CONTENTS INCLUDE

- Endeavor 150-Watt LED Monolight
- 7 in. reflector
- Power cord
- User manual

## MOUNTING THE ENDEAVOR

To mount the Endeavor on any heavy-duty light stand with a 5/8-inch pin:

1. Loosen the locking knob so it doesn't obstruct the receiver.
2. Press and hold the locking button, place the fixture over the baby pin, and release the locking button.
3. Tighten the locking knob until the light is secure.



## POWERING THE ENDEAVOR

### FROM AN AC OUTLET

**Warning!**

The Endeavor is a powerful light. Do not look directly into the light when it's powered on.

Connect the AC power cable to the Endeavor and to an AC outlet.

Turn on the power switch.

### WITH DC POWER

The Endeavor can be powered by V-mount batteries, using the Genaray BA-VMOUNT dual-battery adapter (available separately).

Dual 14.8-volt, 160-watt-hour V-mount batteries will power the Endeavor for approximately one hour.

Use the 3-pin XLR cable that's included with the BA-VMOUNT to connect the battery adapter to the Endeavor. Refer to the BA-VMOUNT user manual for further information and mounting instructions.

## OPERATING THE ENDEAVOR

### ATTACHING THE REFLECTOR

The Endeavor includes a 7-inch reflector and is compatible with Bowens-mount accessories. To attach the reflector:

1. Insert the three mounting studs into the notches on the fixture.
2. Turn the reflector clockwise until it clicks into place.

To remove the reflector, push and hold the release button, and rotate the reflector counterclockwise.



### ATTACHING AN UMBRELLA

1. Make sure the reflector's umbrella pass-through is aligned with the umbrella mount.
2. Insert the umbrella's shaft through the umbrella pass-through, and then through the umbrella mount.
3. Tighten the locking knob until secure.



**Note**

Other brands' Bowens-style reflectors will work with the Endeavor. Make sure the reflector has a pass-through hole to use it with an umbrella.

**ADJUSTING THE BRIGHTNESS**

The adjustment knob controls the brightness from 100% to 0% in 10% increments.

**SETTING THE CHANNEL AND GROUP**

The Endeavor and remote must be set to the same channel and group for wireless remote operation.

**Channel Selection**

Press the channel button (CH). The channel will be highlighted on the screen. Use the adjustment knob to select a channel from 1 to 16.

**Group Selection**

Press the group button (GR). The group will be highlighted on the screen. Use the adjustment knob to select group A, B, C, D, or E.

## PRODUCT SPECIFICATIONS

**LED Chip Type:** COB

**Color Temperature:** 5600 K  $\pm$ 200 K

**Light Intensity @ 3 ft.:** 33,000 lx

**Dimming:** 100% to 0%

**Coverage:** 120°

**CRI:** 97.5

**TLCI:** 98.5

**Power Draw:** 150 W

**Working Voltage:** 90 to 240 V AC, 50/60 Hz

**Mount:** 5/8 in.

**Channels and Groups:** 16 channels, 5 groups  
(A, B, C, D, E)

**Dimensions (H  $\times$  D  $\times$  W):** 9.8  $\times$  16.8  $\times$  7 in.  
(24.9  $\times$  42.7  $\times$  17.8 cm)  
with mount and reflector

**Weight:** 6 lb. (2.7 kg) with mount and reflector

## 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).

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