



150W-BI-K1 / 150W-RGB-K1
Compact 150 Watt
LED MONOLIGHT

USER MANUAL



genaray



Compact 150 Watt LED Monolight INTRODUCTION

THANK YOU FOR CHOOSING GENARAY

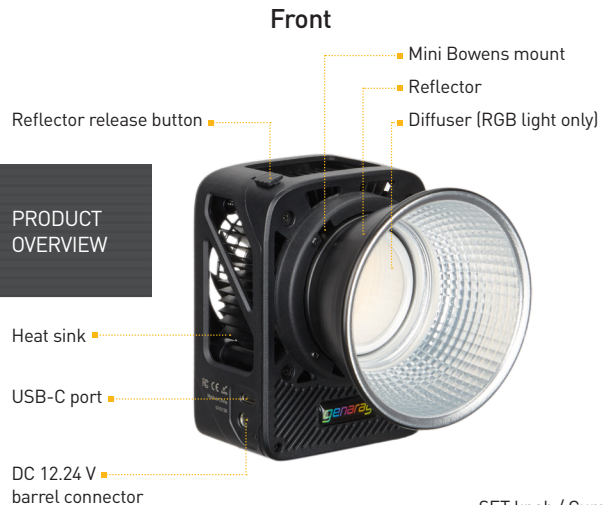
The Genaray 150-watt Monolight Kit features a compact and powerful LED light that has enough power output to light subjects from a distance without interfering with the picture frame. Ideal for image makers on the go, its compact form factor and included rechargeable battery handle make it road ready and dependable whenever you need to light subjects or scenes. Onboard and wireless control via the LEDLYD app make the 150W-BI-K1 and 150W-RGB-K1 great choices as stand-alone lights in the field or in a multi-light setup.

The monolight kit includes all the tools needed for lighting vlogs, interviews, and a host of other uses. The handle features a 77 Wh rechargeable battery that has enough power to light quick news videos out in the field. For longer photo and video sessions, the light can be powered directly via the included AC adapter. The kit includes a textured silver reflector for directing your light while preventing light spill and amplifying the beam.

PRECAUTIONS



- Please read and follow these instructions and keep this manual in a safe place.
- Clean the unit with only a soft, dry cloth.
- Use only parts provided by the manufacturer.
- Make sure that this product is intact and that there are no missing parts.
- Keep this unit away from water and any flammable gases or liquids.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair the equipment—doing so will void the warranty, and Genaray will not be responsible for any damage.
- The high-intensity LEDs emit a bright light. Never stare directly into the light.
- Disconnect all cables prior to transport.
- All images are for illustrative purposes only.



SET knob / Cursor

LCD screen

Power switch

DIM knob

Battery Handle

Guide pins

1/4-20 mounting stud

Locking wheel

Tilt lock

Battery indicator LEDs and battery check button

DC barrel connector (output only)

USB-C port (input and output)



1/4-20 mounting socket

Tilt Adapter

1/4-20 mounting screw

Quick release plate

Quick release lock

Umbrella lock

Tilt lock

Locking knob

5/8 in. baby receiver



PRODUCT OVERVIEW



ATTACHING THE HANDLE

Align the handle's guide pins with the light's guide holes. Attach the light by turning the locking wheel counterclockwise until secure.



For mounting lights that don't have guide pins, place the included rubber spacer over the mounting plate. This forms a flat surface for mounting a light with a 1/4-20 mounting socket.

ATTACHING THE REFLECTOR

The light includes an integrated mini Bowens mount reflector with a textured silver interior that directs and amplifies the beam.

To attach the included reflector:

1. Insert the reflector's mounting pegs into the accessory slots on the front of the light.
2. Turn the reflector clockwise until it clicks.



To remove the reflector, slide the reflector release button backward, turn the reflector counterclockwise, and remove it from the mount.



MOUNTING THE LIGHT

Screw the handle onto a tripod's or light stand's 1/4-20 mounting stud until secure.



The light can also be mounted directly onto a tripod or stud with a 1/4-20 top stud.





ADJUSTING THE TILT

Important!

Always hold the light with one hand when adjusting the tilt angle.

Turn the tilt lock counterclockwise to loosen the tilt adapter. Adjust the tilt angle and retighten the tilt lock.



USING THE TILT ADAPTER

The tilt adapter is compatible with any light stand or wall mount with a 5/8-inch baby pin stud. Attach the light to the tilt adapter for light stand mounting. Without the handle, the light must run on AC power.

To mount the light to the tilt adapter:

1. Loosen the locking knob and place the receiver onto the mounting stud until it's completely inserted. Tighten the locking knob until secure.



2. Press the quick release lock to remove the quick release plate from the adapter and attach it to the base of the light.



3. Angle the quick-release plate into lock side of the clamp and press down on the opposite side until the plate snaps into place.



The tilt adapter has a +90° to -90° range and is secured by a rosette joint that won't slip once the light angle is set. Loosen the tilt lock, adjust the angle, and retighten the tilt lock until secure.

Use an umbrella to soften and diffuse the light and eliminate hot spots. Slide the handle into the umbrella mount and tighten the umbrella lock until secure.





POWERING THE LIGHT

CHARGING THE HANDLE

The handle houses a Li-ion battery that can be recharged via the USB-C port with a wall charger or power bank.

Press the battery check button to see the handle's remaining charge. Each LED indicator represents 25% of the battery's power.

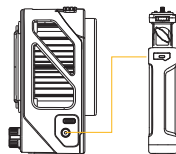
When only one indicator light is illuminated, the battery has 25% or less of its charge remaining. Turn off the light and recharge the battery or connect the light to an alternative power source to continue use.

••••	100% to 75%
•••	75% to 50%
••	50% to 25%
•	25% to 0%

CONNECTING THE LIGHT TO A POWER SOURCE

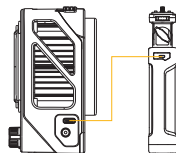
Option 1:

Connect the light to the handle with the included barrel connector power cord.



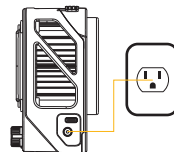
Option 2:

Connect the light to the handle with the included USB-C cable. Press the battery check button and then turn on the light.



Option 3:

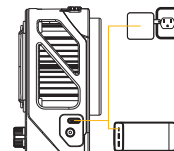
Plug the AC power adapter into an outlet and plug the barrel connector directly into the light's DC barrel port.



This option allows you to mount the light directly onto a tripod or light stand without the handle. The combined length of the power cords allows you to move the light up to 14 feet away from the power source.

Option 4:

Connect the light to a USB wall charger, battery, or power bank with the included USB-C cable.



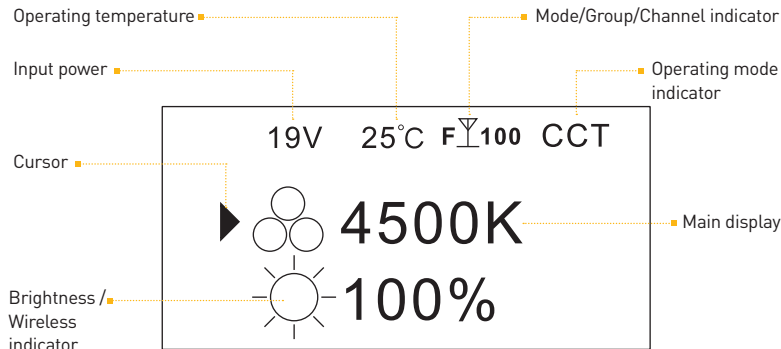
LIGHT OPERATION

In all operating modes:

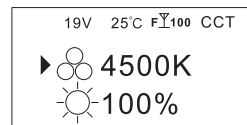
- Turn the **DIM** button to adjust the brightness from 1% to 100% in 1% increments.
- Turn the **SET** button to adjust the parameter indicated by the cursor.
- Press the **DIM** button to change the operating mode.
- Press the **SET** button to move the cursor to the next editable parameter.



LCD Screen



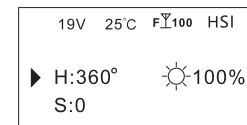
CCT MODE



CCT (correlated color temperature) mode allows you to adjust the color temperature from 2700 to 6500 K. Use CCT mode to match the color temperature of ambient lighting or other light fixtures in a multi-light setup.

- Press the **DIM** button repeatedly until CCT appears at the top right of the screen.
- Turn the **SET** button to adjust the color temperature from 2700 to 6500 K.
- Turn the **DIM** button to adjust the brightness.

HSI MODE (150W-RGB-K1 ONLY)

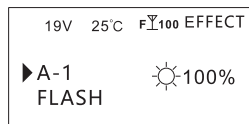


HSI (hue, saturation, intensity) mode allows you to scroll through the entire 360° color wheel and adjust the saturation level.

- Press the **DIM** button repeatedly until HSI appears at the top right of the screen.
- When the cursor is pointed to Hue, turn the **SET** button to adjust the hue to a specific value on the color wheel in 1° increments, or until the hue looks like the desired color.
- Press the **SET** button to move the cursor to saturation, and adjust the hue's saturation from 100% (full color) to 0% (white).



EFFECTS MODE



The 150W-RGB-K1 is preset with 24 animated lighting effects. The 150W-BI-K1 is preset with six animated effects.

- Press the **DIM** button repeatedly until EFF appears at the top right of the screen.
- Turn the **SET** button to select an effect. The effect begins to play when it's selected.
- Turn the **DIM** button to adjust the brightness.

The effects can be selected from the back control panel on the light and via the LEDLYD app.

For instructions for controlling the effects via the LEDLYD app, download the app's user manual at Genaray.com.

150W-BI-K1 LIST OF EFFECTS

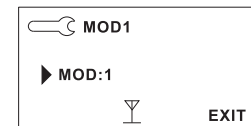
A-1 Flash	D-1 Strobe Light 1
A-2 Flash Fast	D-2 Strobe Light 2
A-3 TV Screen	D-3 Strobe Light 3

150W-RGB-K1 LIST OF EFFECTS

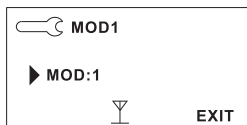
A-1 Flash	E-1 Chase Slow
A-2 Fast Flash	E-2 Chase Mid
A-3 TV Screen	E-3 Chase Fast
B-1 Candle	F-1 Firework 1
B-2 Flame 1	F-2 Firework 2
B-3 Flame 2	F-3 Firework 3
C-1 Police	G-1 Club 1
C-2 Ambulance	G-2 Club 2
C-3 Fire Truck	G-3 Romantic
D-1 Strobe Light 1	H-1 Music
D-2 Strobe Light 2	H-2 Wave 1
D-3 Strobe Light 3	H-3 Wave 2

CONTROL MENU SETTINGS

Press and hold the SET button for two seconds. The Control screen will appear.



After 15 seconds of inactivity, the control screen automatically closes, implements the changes, and returns to the most recently used screen.



MOD 1

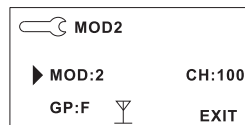
The light operates as a standalone unit. It can be controlled from the light's onboard controls or wirelessly from the LEDLYD app.

Press the SET button to move the cursor to select a parameter. When the parameter is selected, turn the SET button to adjust it.

MOD: Selects Mod 1 or Mod 2.

Wireless: Turns wireless connectivity on and off. The antenna icon indicates the light can accept a wireless signal and connect to the LEDLYD app. Turn the SET button to disconnect from the LEDLYD app. An "x" will appear on the antenna (X), indicating that the light can only be controlled via the onboard controls.

Exit: Select Exit and turn the SET button to accept the changes made on this screen. The light will reset with the implemented changes and return to the most recently used screen.



MOD 2

Activates channel and group selection so the light can be used in a multi-light setup and controlled wirelessly from the LEDLYD app.

Press the SET button to move the cursor to select a parameter. When the parameter is selected, turn the SET button to adjust it.

MOD: Selects Mod 1 or Mod 2.

CH: Selects channel 1-100.

GP: Select group A-F.

The selected channel and group will be displayed on the main screen in all operating modes.

Important!

For wireless control of the light when operating in Mod 2, make sure the LEDLYD app is set to the same channel and group as the light. See Connecting the Light to the LEDLYD App below.

Wireless: Turns wireless connectivity on and off. The antenna icon indicates the light can accept a wireless signal and connect to the LEDLYD app. Turn the SET button to disconnect from LEDLYD app. An "x" will appear on the antenna (X), indicating that the light can only be controlled via the onboard controls.

Exit: Select Exit and turn the SET button to accept the changes made on this screen. The light will reset with the implemented changes and return to the most recently used screen.

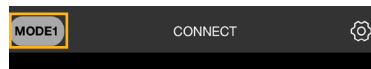


CONNECTING TO THE LEDLYD APP



1. Download the LEDLYD app from App Store or Google Play.
2. Download the LEDLYD app user manual from the product page on Genaray.com
3. In the light's control menu, set the wireless icon to active. If the wireless icon has an "x" on it (X), go to the *Control Menu Settings* section above to activate the light's wireless capabilities.
4. Turn on Bluetooth in your mobile device's settings.
5. Turn on the light.
6. In the light's Control Menu Settings, select MOD 1 or MOD 2. In MOD 2 set the light's channel and group.
7. Open the LEDLYD app.

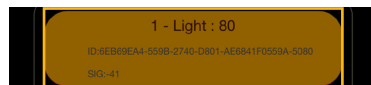
8. The app opens to a search page. Tap the top button to select MOD 1 or MOD 2 to match the light's MOD setting.



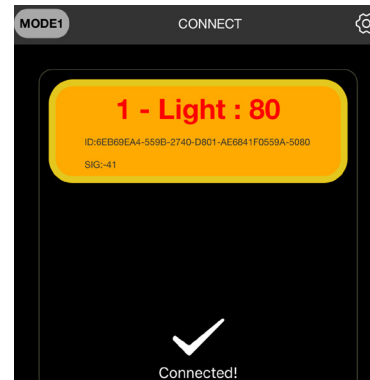
9. In MOD 1: If the app doesn't search for the light automatically, tap the Search button.



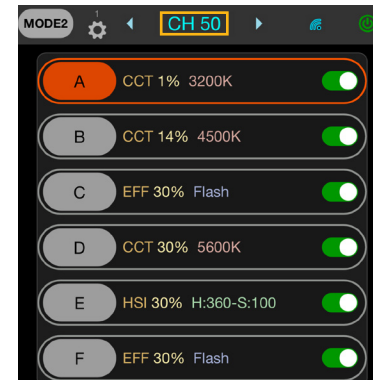
Tap on the light when it appears.



When the connection is successful, the connected icon will appear with a check mark and the app's operating interface will open.



In MOD 2: Select the light's channel number at the top of the page by tapping on the arrows and tap the light's group letter.





PRODUCT SPECIFICATIONS

LIGHT FIXTURE

LED Chip Type: BI: COB
RGB: RGB Light Engine

Beam Angle: 45° with reflector and 120° without

Color Temperature: 2700 to 6500 K

Color Accuracy Standard:
Bi-color: CRI: 97.5 / TLCI: 99
RGB: CRI: 97.8 / TLCI: 99

Cooling System: Active, fan

Dimming: Yes, 1 - 100%

Display: LDC

Housing Material: ABS plastic

Light Intensity @1 m: Bi-color: 16,800 lx
RGB: 8,480 lx

Expected Lamp Life: 30,000 to 50,000 hr.

Dimensions:
Light (H x W x D): 4.3 x 3.1 x 2.8 in. (11 x 8 x 7.1 cm)
Reflector (ø x D): 3.7 x 2.1 in. (9.3 x 5.4 cm)

Weight (with Reflector): 1.2 lb. (562 g)

CONNECTORS

Battery Plate: No

Power Input Connector: Barrel, USB-C

DMX Connector: No

Service Connector: No

MOUNTING

Fixture Mount: 1/4-20 female

Battery Handle: Top mount: 1/4-20 male
Base: 1/4-20 female

Tilt Adapter: Top mount: 1/4-20 male
Base: baby receiver

REMOTE OPERATION

Remote Control Type: Wireless

Wireless Range: 35 ft. (10.7 m)

POWER AND I/O

Power Source: AC to DC adapter (included)
Battery handle

Inputs / Outputs: 100 to 240 V, 50/60 Hz, 2.7 A
24 V, 6.25 A (150 W)

Battery: 77 Wh

Input Power: 12 to 24.0 V DC

Included Adapter / Cable: USB Type-C to
USB Type-C, Barrel to barrel

Max Power Consumption: USB-C: 100 W
DC: 150 W

Power Pass-Thru: No

Inline Switch: No

BATTERY HANDLE

Output: USB-C: 5V/3A, 9V/3A, 12V/3A, 15V/3A,
20V/5A (Max 100 W)
DC: 16.8 (Output only)

Battery: 77 Wh

Battery Chemistry: Li-ion

Material of Construction: ABS plastic

Color: Black

Dimensions: 9.3 x 1.9 x 1.9 in. (23.6 x 4.8 x 4.8 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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GG1

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following 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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.