SSL-36B

36 IN. SOFT STRIP BI-COLOR LED

USER MANUAL



genaray®

SSL-36B
INTRODUCTION

THANK YOU FOR CHOOSING GENARAY

The Genaray SSL-36B is a strip LED with a unique form factor that provides even illumination along its entire 36-inch length. In the studio, it's perfect for lighting full-length portraits, and it excels as a hair or accent light for group shots. The bright LED array has an integrated diffuser for a soft wraparound, single-shadow beam. The fixture is constructed with full-length barndoors that can cut the beam to a very narrow strip, which gives precise control over light and shadow on subjects or backgrounds.

The SSL-36B runs on AC or battery power. Power output is controlled by a digital control box that adjusts output level in 1% increments for precise brightness control. Passive, fanless cooling means this light won't create fan noise that can disrupt a video shoot.

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 the unit is powered off when plugging it into a power source.
- 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.
- Handle the unit with care.
- Do not stare directly at the lights when they are powered on.
- Clean the unit with only 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 images are for illustrative purposes only.

PRODUCT OVERVIEW




Channel indicator
Channel selector
Color temperature indicator
Color temperature up/down controls
Dimmer control box
Hanger loop
D-tap power socket
Antenna
Power output cable
Antenna port
3-way power switch
V-mount battery slot
Battery contacts
Battery release button
3-pin XLR input
CH
A
5600K 100%
Battery power indicator
Brightness indicator
Brightness up/down controls

ALSO INCLUDED

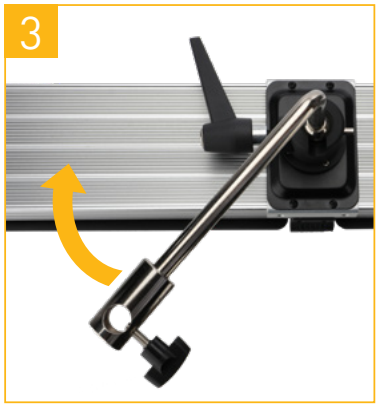
- Light fixture
- Dimmer control box with V-mount
- AC adapter
- Power cable
- Lollipop mount
- V-mount strap
- Antenna
- Carry case

MOUNTING THE SSL-36B

Attaching the Lollipop Mount

1. Close the barndoors, and place the light facedown on a flat surface.
2. Align the lollipop mount with the mounting plate, and insert the pins into the mounting plate holes.
3. Make sure the lollipop mount is flush with the mounting plate, and rotate the lollipop mount a quarter-turn clockwise until it clicks into place.





Attaching the Lollipop Mount (continued)

To remove the lollipop mount, press up on the release button, turn the lollipop mount a quarter turn counterclockwise, and lift it off the mounting plate.



Mounting the SSL-36B to a Light Stand

1. Make sure the ratchet handle is tightened before mounting the SSL-36B.
2. Loosen the locking knob, and place the 5/8-inch receiver on a light stand.
3. Tighten the locking knob until secure.
4. Loosen the ratchet handle to adjust the light's tilt and swivel. Once the light is aimed, retighten the ratchet handle, and make sure the fixture is secure.





Pro Tip: To prevent the light stand from tipping over, place a counterweight like a sandbag over one or two legs of your light stand.

POWERING THE SSL-36B

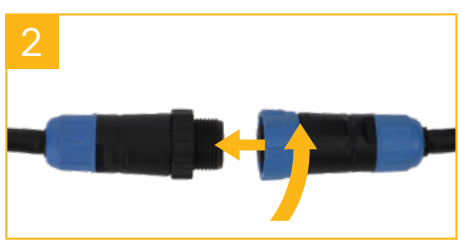
Using the SSL-36B with AC power

1. Connect the AC power adapter to the control box with the locking 3-pin XLR connector, and plug the power cable into an outlet.

Important! ⚠ ⚡
The connectors should easily attach. Don't use force to connect the control box to the light fixture.

2. Align the notches of the power input cable and power output cable's two connectors, and press them together. Then tighten the locking collar until secure.
3. Push the 3-way power switch to the AC position.





To Secure the AC Adapter to the Control Box:

1. Wrap the touch-connect strap securely around the AC adapter.
2. Insert the V-mount adapter into the V-mount slot of the control box until it clicks into place.
3. Once the AC adapter is secured to the control box, use the hanger loop to hang the control box on a hook or on your light stand.





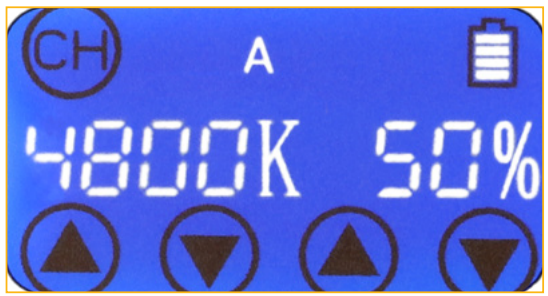
POWERING THE SSL-36B (CONTINUED)

Using the SSL-36B with Battery Power

1. When attaching a V-mount battery, make sure the power switch is in the off position, and disconnect the AC adapter so the control box is not plugged into a wall outlet.
2. Align the battery terminals with the contacts in the battery mount.
3. Place the battery into the mount, and push the battery toward the contacts until it clicks into place.
4. Push the 3-way power switch to the DC position.

To connect gold-mount batteries to the control box, use a D-tap power cable (not included).

ADJUSTING THE LIGHT



Brightness

The brightness control on the control box can adjust the output from 1% to 100% In 1% increments. Tap the up and down buttons to adjust the brightness in 1% increments. Touch and hold the buttons to rapidly adjust.

Color Temperature

The SSL-36B has a color temperature range of 3000 to 5600 K.

Tap the color temperature up and down buttons to change the color temperature in 50 K increments. Touch and hold the buttons to rapidly adjust.

ADJUSTING THE LIGHT (CONTINUED)

Barndoors

Adjust the barndoor to aim or shape the beam and contain light spill.

Important! Do not operate the light while the barndoors are closed.

WIRELESS OPERATION

The SSL-36B's control box has an integrated transmitter and receiver with four channels.

The Genaray SSL-RC remote (sold separately) can control multiple SSL-series lights. Refer to the Genaray SSL-RC user manual for setup and operation instructions.

To remotely control Genaray SSL series digitally controlled lights from your SSL-36B's control box, follow these steps:

1. Screw the antenna into the antenna port on each control box.
2. Select the channel for each light by repeatedly tapping the channel button.





WIRELESS OPERATION (CONTINUED)

3. Make sure the control boxes are set to the same channel.



Mutual Control (multiple lights set to the same channel):

Any control box will set the brightness level for all the lights. It will also control the color temperature of all SSL-series bi-color lights.

Individual Control (multiple lights set to different channels):

Use the brightness and color temperature control on one box to adjust the brightness and color temperature of lights set to each channel.

USING THE SSL-RC REMOTE

Genaray lights that are equipped with SSL-RC remote capability can be controlled individually or globally with the SSL-RC remote (sold separately).

Refer to the user manual that comes with the SSL-RC remote for instructions.

PRODUCT SPECIFICATIONS

Light Fixture

LED Chip Type: SMD

LED Count: 512

Beam Angle: 110°

Color Temperature: 3000 to 5600 K in 50 K increments

CRI: 93.9 (5600 K), 92.3 (4400 K), 95.6 (3200 K)

TLCI: 97 (5600 K), 97 (4400 K), 98 (3200 K)

Dimming: 0% to 100% in 1% increments

Display: LCD

Housing Material: Metal

Light Intensity @ 3 ft.: 1300 lx (5600 K), 1311 lx (4400 K), 1210K (3200 K)

Expected Lamp Life: 50,000 hr.

Dimensions (H × W × D)
37.6 × 4.2 × 1.9 in. (95.5 × 10.7 × 4.8 cm)

Weight with Lollipop Adapter: 7.6 lb. (3.4 kg)

Connectors

Battery Plate: V-mount

Power Input Connector: 3-pin XLR

Mounting

Fixture Mount: 5/8 in. receiver

Remote Operation

Remote Control Type: 2.4 GHz

Number of Channels: 4

Wireless Range : 100 ft. (30 m)

Power

AC Input Power: 100 to 240 V AC, 50/60 Hz

DC Input Power: 15 V, 5 A

Power Source: AC adapter, 3-pin XLR, 14.8 V V-mount battery

Max Power Consumption: 56 W

Power Pass-Through: No

FCC DISCLAIMER

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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 to 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.

Important: Changes or modifications to this product not authorized by Gradus Group could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

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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