RSF-11-RGB

Mini Moon RGB

11 IN. RGB LED

USER MANUAL



genaray®

Mini Moon RGB
INTRODUCTION

THANK YOU FOR CHOOSING GENARAY

The Genaray Mini Moon RGB is a portable fixture that provides a natural and soft continuous light source with broad coverage for still and tabletop photography, portraits, and interviews. This light delivers highly accurate color rendering in CCT and RGB modes. An integrated diffuser furnishes a soft wraparound and single-shadow beam.

The Mini Moon RGB operates on either on AC or battery power and will accept either NP-F or V-mount batteries. It features dimming from 100% to 0% in 1% increments. This light supports DMX-512, so its settings can be remotely controlled from a DMX console. It has 512 selectable channels and a DMX output jack to daisy-chain other DMX-compatible lights. Remote operation from up to 60 feet away is possible with Genaray's RSF-11-R remote (available separately).

PRECAUTIONS

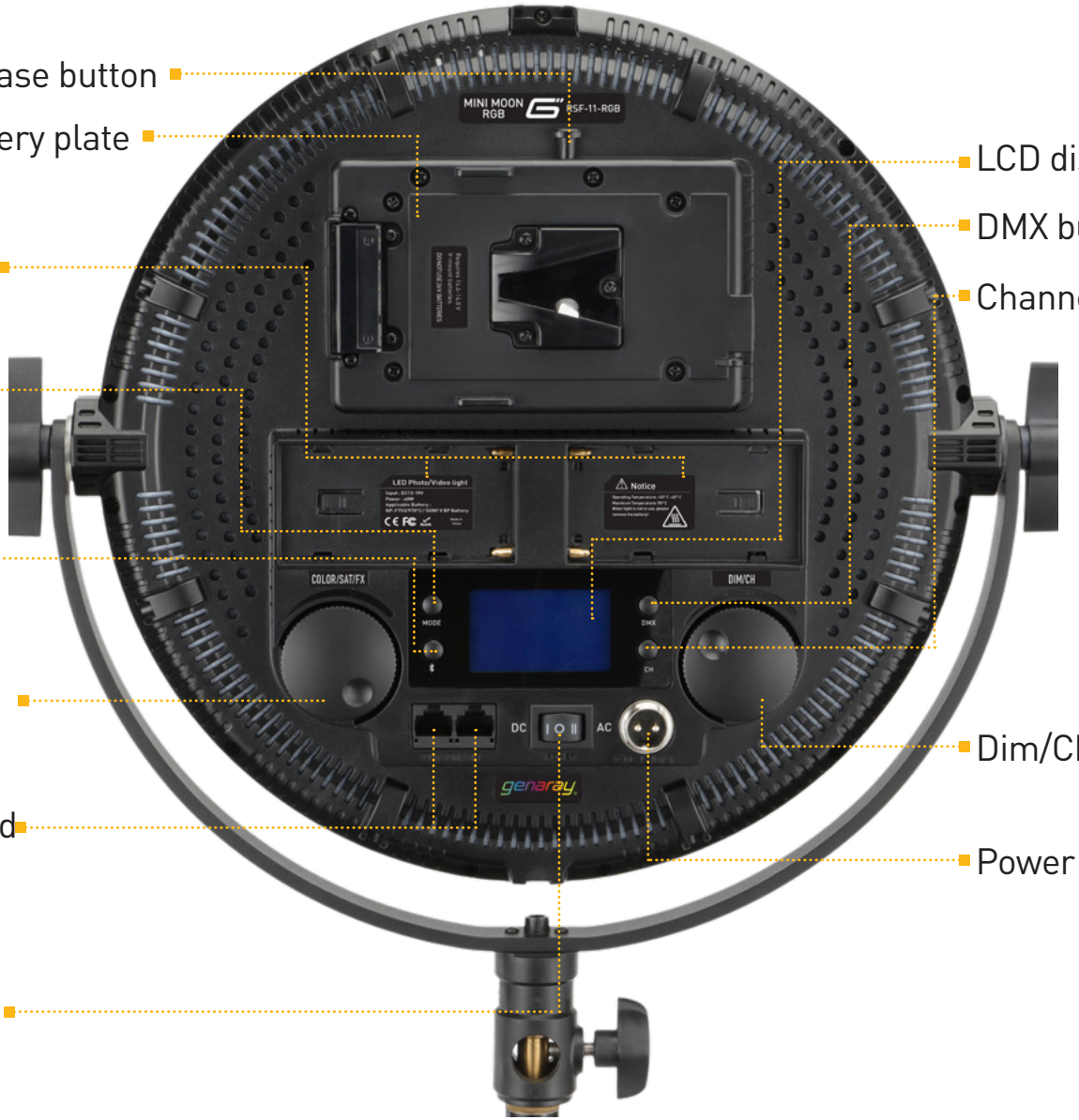


- Please read and follow these instructions, and keep this manual in a safe place.
- Keep this unit away from water and any flammable gases or liquids.
- Make sure the unit is powered off when plugging it into a power source.
- Do not use 26-volt V-mount batteries with this fixture. Doing so will damage the unit and void the warranty. Use only the correct, recommended voltage posted on the battery plate and in this manual.
- 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.

Light Fixture - Front



Light Fixture - Back



V-mount release button

V-mount battery plate

NP-F battery plates

Mode button

Bluetooth button

Color/Sat/FX dial

DMX input and output

Power switch

LCD display

DMX button

Channel button

Dim/Channel dial

Power socket

CONTENTS INCLUDE

- LED with yoke
- AC adapter
- Power cord
- Carry case

MOUNTING THE MINI MOON RGB

The Mini Moon RGB is equipped with a 2-way 5/8-inch receiver.

Mount the Mini Moon RGB on any light stand with a 5/8-inch stud, in upright or horizontal orientation, and turn the locking knob until secure.



POWERING THE MINI MOON RGB

The Mini Moon RGB can be powered directly from an AC outlet, two NP-F batteries, or one V-mount battery.

AC POWER

Connect the AC power adapter to the Mini Moon RGB with the included 2-pin cable, and plug the power cable into an outlet.

To turn on the fixture, press the power switch to the AC position (II).

BATTERY POWER

The Mini Moon RGB can be powered by two NP-F batteries or one V-mount battery.

Important
Use only V-mount batteries with a maximum of 14.8 volts per battery. Two NP-F batteries must be attached to the Mini Moon RGB to power the light.

When attaching batteries, make sure the power switch is in the off position, and the fixture is not plugged into a wall outlet.

Installing a V-mount battery

Align the battery with the battery terminals, and slide the battery onto the plate until it clicks into place. To remove the battery, press the release button to unlock the battery and slide it off the plate.

The V-mount plate is equipped with a D-Tap output for powering accessories.

Installing NP-F Batteries

Align the batteries with the terminals in the battery plates. Place the batteries down into the plates, and slide them toward the terminals until secure.

To turn on the fixture, press the power switch to the DC position (I).

The battery status indicator on the LCD screen displays the remaining battery power.

	100% to 75%
	75% to 50%
	50% to 25%
	25% to 10% (the light will not operate under 10%)

OPERATING THE MINI MOON RGB

SETTING THE CHANNEL

You can use Genaray's wireless controller (RSF-11-R available separately) to remotely operate the Mini Moon RGB from up to 60 feet away. Make sure the Mini Moon RGB and the remote are set to the same channel.

1. Press the Channel button. The channel number will blink.
2. While the channel icon is blinking, use the Dim/Channel dial to select a channel from 1 to 99.
3. Press the Channel button again to set the channel. The channel icon will stop blinking.

OPERATING MODES

The Mini Moon RGB has four operating modes:

CCT Mode allows you to adjust the color temperature from 2700 to 9999 K.

RGB Mode allows you to select a hue on the color wheel from 1° to 360°.

DMX Mode allows you to control the Mini Moon RGB from a DMX console. When DMX mode is selected, the onboard controls are disabled.

FX Mode has twenty selectable programmed animated effects.

Toggle between CCT and RGB modes by pressing the Mode button.

CCT MODE



Press the Mode button to select CCT mode.

- Adjust the color temperature from 2700 to 9999 K by turning the Color Temperature dial.
- Adjust the brightness from 0% to 100% by turning the DIM dial.

RGB MODE



Press the Mode button to select RGB mode.

- Adjust the hue from 0° to 360° in one-degree increments by turning the Color/Sat/FX dial.
- Adjust the saturation by pressing the Color/Sat/FX dial. The saturation value will blink.

- While the saturation value is blinking, turn the Color/Sat/FX dial to adjust the value, and press the dial again to set it.
- Adjust the brightness from 0% to 100% by turning the DIM dial.

FX MODE



The Mini Moon RGB has twenty built-in CCT and RGB effects.

FX mode can be accessed via CCT or RGB mode. Activating FX mode from either mode will access a different group of effects.

ACTIVATING FX MODE

To activate FX mode, press and hold the Mode button and press theColor/Sat/FX dial.

- Activating FX mode from CCT mode will open a list of effects that use variations of color temperature for the effects.
- Activating FX mode from RGB mode will open a different list of effects that use the Mini Moon's RGB LEDs.

Once an effect is selected, it will begin to play.

Press the Color Temp/Sat/FX dial to adjust the frequency. Rotate the dial to adjust the value, and then press the dial to set it. The frequency controls how fast the effect plays. Select from 1 to 9 (slowest to fastest).

Press the Mode button to stop or pause the effect and return to CCT or RGB mode.

CCT EFFECTS

These effects use the white and amber LEDs to create animated lighting effects with different color temperatures.

1. Pulsing
2. Lightning
3. TV
4. Faulty Bulb
5. Paparazzi
6. SOS
7. Fade-in
8. Fade
9. Campfire
10. Explosion
11. Candle
12. Breathe

RGB EFFECTS

These effects use the RGB LEDs to create colorful animated lighting effects.

1. Cop Car
2. Party
3. Fireworks
4. Disco
5. Ambulance
6. Fire Siren
7. RGB Loop
8. Welding

USING DMX

The Mini Moon RGB supports DMX-512, so the light's settings can be remotely controlled from a DMX console.

Note
When the Mini Moon RGB is in DMX mode, the adjustment dials are disabled. Adjust the brightness and color temperature via the DMX console.

To set up DMX operation on the Mini Moon RGB, follow these steps:

1. Use a DMX cable to connect a DMX controller to the Mini Moon's DMX input port. The Mini Moon RGB has RJ45 DMX ports. If your DMX controller has XLR ports, you will need XLR-to-RJ45 adapters (available separately).
2. Use the DMX output port to connect multiple lights.

To set the DMX address on the Mini Moon RGB:

1. Press the DMX button to switch to DMX mode. The current DMX channel selection will appear onscreen.
2. Press the Channel button. The channel number will blink.
3. While the channel icon is blinking, use the Dim/Channel dial to select a DMX channel from 01 to 512.
4. Press the Channel button to set the channel selection. The channel number will stop blinking.

Important
Make sure the DMX address on the Mini Moon RGB matches the DMX console.

USING THE RSF-11-R WIRELESS TRANSMITTER

The Mini Moon RGB's wireless transmitter allows you to operate the Mini Moon RGB from up to 60 feet away.

OVERVIEW



POWERING ON

Press the On/Off Button. The remote will power up to the most recently used settings.

SETTING THE CHANNEL

Press the Channel button to highlight the channel number.

Use the – and + buttons to select the channel, and press the Channel button again to set it.

Make sure the Mini Moon RGB is set to the same channel as the remote. See *Setting the Channel* in *Operating the Mini Moon RGB above*.

Selecting ALL will control all Mini Moon RGB fixtures within range, regardless of the channels they're set to.

The settings for each channel are stored in the RDF-11-R's memory.

CHANGING OPERATING MODES

CCT and RGB Modes

1. Press the Mode button to toggle between CCT and RGB modes.
2. Press the up/down buttons to select the values for hue, brightness, and saturation.
3. When the function is selected, use the + and – buttons to adjust the setting.

FX Mode

FX mode can be accessed via CCT or RGB mode. Pressing the FX button from either mode will access a different group of effects.

Pressing the FX button in CCT mode will open a list of effects that use variations of color temperature.

Pressing the FX button in RGB mode will open a different list of effects that use the Mini Moon's RGB LEDs.

Refer to *FX Mode* above for a list of CCT and RGB effects.

1. Press the FX button in CCT or RGB mode to access the effects.
2. Use the + and – buttons to select one of the effects. When the effect is selected, it will begin to play.
3. Press the up/down buttons to select the values for brightness and frequency. Use the + and – buttons to adjust the values. The frequency level controls how fast the effect plays. Select from 1 to 9 (slowest to fastest).
4. Press the FX button again to pause the effect and return to RGB or CCT mode.

SLEEP MODE

Using sleep mode will preserve battery life without turning off the Mini Moon RGB.

Press and hold the On/Off button to put the Mini Moon RGB to sleep. Press the On/Off button again to resume operation.

PRODUCT SPECIFICATIONS

Color Temperature: 2700 to 9999 K ±300 K

Brightness : @ 3 ft.: 2520 lx (5600 K)
@ 1 m: 2105 lx (5600 K)

Coverage: 120°

CRI: 96.9

TLCI: 99

Max Power Consumption: 75 W

Working Voltage: AC: 100–240 V 50~60 Hz
DC: 15 V ⎓ 4 A

Battery Type: NP-F750/950 (×2)
V-mount (14.8 V Max)

Mount: 2-way 5/8 in. Receiver

Cable Length: AC Adapter Cord: 12.5 ft. (3.8 m)
Power Cord: 16 ft. (4.9 m)

Dimensions with Yoke (H × W × D):
14.7 × 14.2 × 2.2 in.
(37.3 × 36.1 × 5.6 cm)

Weight (with yoke, without batteries):
3.1 lb. (1.4 kg)

WIRELESS TRANSMITTER

Frequency: 2.4 GHz

Working Distance: 60 ft. (18.3 m)

Functions: On/off, Mode selection, Brightness, Color saturation, Channel selection ,Color temperature, Effects selection, Effects frequency adjustment

Power: Two AAA batteries (not included)

Dimensions (H × W × D): 1.75 × 5.5 × 0.7 in. (4.4 × 14 × 1.8 cm)

Weight: Without batteries: 2.6 oz. (74 g)

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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