Full Moon

18 IN. BI-COLOR LED LIGHT

USER MANUAL

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THANK YOU FOR CHOOSING GENARAY

The Genaray Full Moon LED light provides photographers and videographers with a natural and soft yet ultra-bright continuous light source in a thin, portable fixture. This 1280-LED fixture can operate on AC or battery power, and it features flicker-free dimming from 100% to 10% with broad coverage. The built-in diffuser furnishes a soft wraparound quality and eliminates the multiple shadows that are often associated with LED lighting.

The Full Moon supports DMX-512 so the light's settings can be remotely controlled from a DMX console. It has 512 selectable channels and a 3-pin XLR output jack to daisy chain other DMX-compatible lights.

Full Moon fixtures come in a heavy-duty metal chassis that can withstand the most demanding professional environments. For compatibility in the studio, the integrated yoke can be mounted to a light stand with a baby-pin receiver.
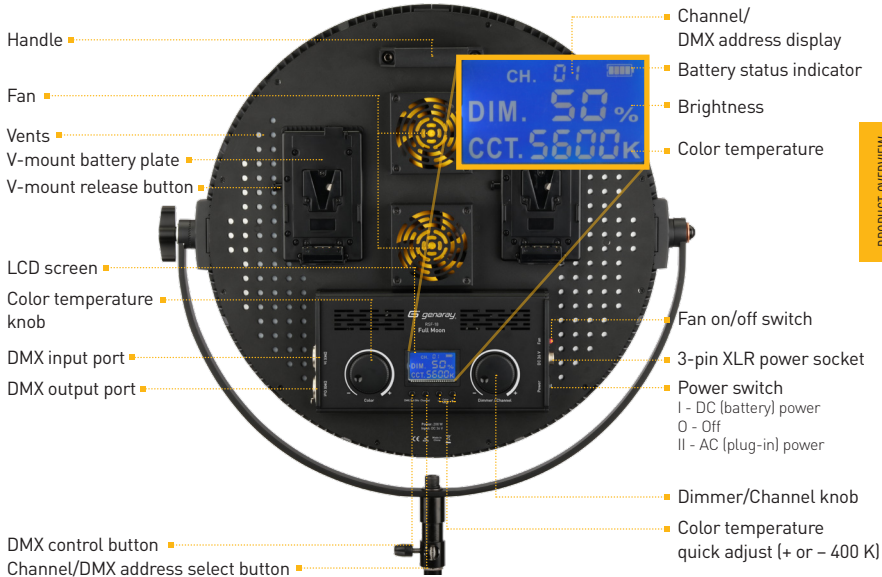
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PRECAUTIONS

- · 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.

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Tilt adjustment knob

Diffuser

Yoke

Locking knob

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Handle

Fan

Vents
V-mount battery plate
V-mount release button

LCD screen

Color temperature knob

DMX input port

DMX output port

DMX control button
Channel/DMX address select button

Channel/
DMX address display

Battery status indicator

Brightness

Color temperature

Fan on/off switch

3-pin XLR power socket

Power switch
I - DC (battery) power
O - Off
II - AC (plug-in) power

Dimmer/Channel knob

Color temperature
quick adjust (+ or – 400 K)

PRODUCT OVERVIEW

CONTENTS INCLUDE

· LED with yoke
· AC adapter
· Power cord
· User manual
· Carry case

MOUNTING THE RSF-18

Mount the RSF-18 on any heavy-duty light stand with a 5/8-inch baby-pin stud, and turn the locking knob until secure.

POWERING THE RSF-18

The RSF-18 can be powered directly from an AC outlet or by two V-mount batteries (not included).

USING THE RSF-18 WITH AC POWER

Important ⚠ ⊗
The RSF-18 is a multivoltage fixture capable of running on 100–240 V, 50/60 Hz. The included cable has a 120 V, 50 Hz (North American) plug. To use this fixture with other voltages, you must use a plug adapter (sold separately).

Connect the AC power adapter to the RSF-18 with the 3-pin XLR cable, and plug the power cable into an outlet.

To turn on the fixture, move the power switch to the II position.

OPERATING THE RSF-18

USING THE RSF-18 WITH BATTERY POWER

Important ⚠ ⊗
Use only V-mount batteries with a maximum of 14.8 volts per battery. Two V-mount batteries must be attached to operate the RSF-18 on battery power.

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

To turn on the fixture, move the power switch to the I position.

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

4/4	100% to 75%
4/3	75% to 50%
4/2	50% to 25%
1/4	25% to 10% (light will not operate <10%)

ADJUSTING BRIGHTNESS AND COLOR TEMPERATURE

Power the RSF-18 on. The LCD screen will show the last setting that was used.

After powering on the RSF-18, set the brightness and color temperature by rotating the knobs on the back of the fixture.

Color temperature can be adjusted from 3200 to 5600 K in 100 K increments.

Brightness can be adjusted from 100% to 10% in 1% increments.

For quieter operation, turn the fans off via the fan on/off switch.

Note
The maximum brightness is capped at 80% when the fans are turned off. If the brightness was previously set to over 80%, it will be immediately reduced to 80%.

USING THE MB-WRT WIRELESS TRANSMITTER

The MB-WRT Wireless Transmitter (sold separately) facilitates color temperature adjustment from 3200 to 5600 K as well as brightness adjustment from 100% to 10%. The MB-WRT can operate the RSF-18 at a distance of up to 98 feet (30 m).

You can also control color temperature or brightness on multiple units that are set at different values, making this a convenient tool for use in a sophisticated lighting setup.

To set the receiving channel on the RSF-18, follow these steps:

1. Press the channel select button. The channel icon will blink.

2. Use the dimmer/channel knob to set the receiving channel.

3. Press the channel select button to set the channel. The channel icon will stop blinking.

Refer to the MB-WRT user manual to set the channel on the transmitter.

Important
Make sure the channel on the RSF-18 matches the MB-WRT.
Refer to the MB-WRT user manual to operate the RSF-18 remotely.

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USING DMX

The RSF-18 supports DMX-512 so the light's setting can be remotely controlled from a DMX control console.

Note
When the RSF-18 is in DMX mode, the adjustment dials are disabled. Adjust the brightness and color temperature via the DMX console.

To setup DMX operation on the RSF-18, follow these steps:

1. Use a 3-pin XLR cable to connect a DMX controller to the RSF-18 input port.

2. Use the RFS-18 output port to connect multiple lights.

3. To set the DMX address on the RSF-18:

· Press the DMX control button. The DMX icon will appear on the LCD screen.

· Press the Channel Select button. The channel icon will blink.

· Use the dimmer/channel knob to select a DMX channel from 01 to 512.

· Press the channel select button to set the channel selection. The channel icon will stop blinking.

Important
Make sure the DMX address on the RSF-18 matches the DMX console.

PRODUCT SPECIFICATIONS

LED Count: 1280

Color Temperature: 3200 to 5600 K

Luminance: 7000 lx @ 3 ft.

Coverage: 120°

CRI: ≥97

TLCI: ≥96

Output Power: 200 W

Working voltage: AC: 100–240 V
DC: 26 V

Battery Type: 14.4-14.8 V V-mount battery (×2)

Mount: 5/8 in. baby pin

Dimensions with yoke: 23.4 × 22.1 × 2.9 in.
(59.5 × 56.2 × 7.4 cm)

Weight (without battery): 11 lb. (5 kg)

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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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