



raya[®]

FRB-NPF-18

BENDIE-BRITE

FOLDING USB BI-COLOR

RING LIGHT (18 IN.)

USER MANUAL



THANK YOU FOR CHOOSING RAYA.

You can take the Raya 18-inch Bendie Brite FRB-NPF-18 with you anywhere you want to record, chat, or livestream, indoors or out. The 18-inch LED ring is ideal for lighting vlogs, interviews, influencer videos, and broadcasting from home. Its bi-color LEDs are housed in a diffuser that softens and spreads the beam for a flattering single-shadow light that's bright and color accurate.

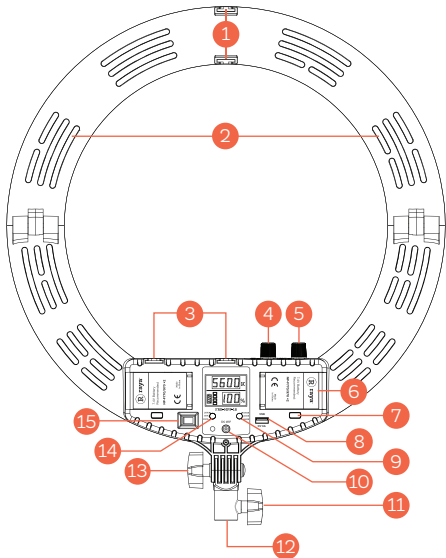
This ring light runs on battery or AC power so it's as effective in the field as it is in the office or at home. Variable color temperature adjustment from 2700 to 5600 K lets you light subjects with the warmth of a tungsten bulb, bright daylight, and everything in between. The light folds to a compact size and fits inside its own carry case so you can sling it over your shoulder and move to your next location or setup.

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.
- 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.
- Make sure the item is intact and that there are no missing parts.
- All images are for illustrative purposes only.

OVERVIEW

Back

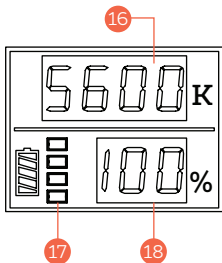


Light

1. Top shoe mounts
2. Heat vents
3. Bottom shoe mounts
4. Brightness knob
5. Color temperature knob
6. Battery compartment
7. Battery release button
8. USB charging port
9. Color temperature auto button
10. AC power socket
11. Locking knob
12. 5/8 in. receiver
13. Angle lock
14. Brightness auto button
15. Power switch

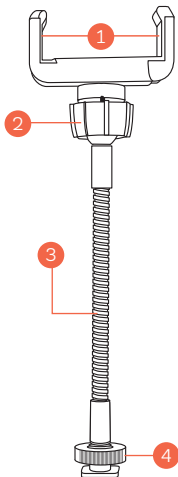
LED Display

16. Color temperature display
17. Battery display
18. Brightness display



OVERVIEW

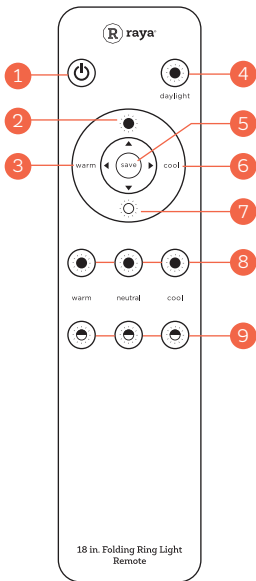
Phone Arm



1. Phone clamp
2. Locking ring

3. Flex arm
4. Locking wheel

Remote



1. Power button
2. Brightness up
3. Color temperature down
4. Daylight button
5. Save button
6. Color temperature up
7. Brightness down
8. Auto buttons (100%)
9. Auto buttons (50%)

MOUNTING THE BENDIE BRITE

1. Loosen the locking knob, and mount the receiver onto your light stand's 5/8-inch pin.
2. Tighten the locking knob until secure.

POWERING THE BENDIE BRIGHT

AC Power

When operating the light on AC power, first remove the batteries.

1. Plug the power adapter into the light, and plug the power cord into an available outlet. OFF will appear on the control screen to indicate the light is receiving power.
2. Press the power switch. The light will power up to the brightness and color temperature settings that are stored in the memory.

Battery Power

The Bendie Brite runs on two NP-F type batteries.

When operating the light on battery power, unplug the power adapter.

1. Place an NP-F battery into the battery compartment, and slide it in until it locks in place. OFF will appear on the control screen to indicate the light is receiving power.
2. Press the power switch.

The battery display in the LED screen will show the remaining battery charge in 25% increments.

To remove the battery, press the battery release button and slide the battery out.

ADJUSTING THE

COLOR TEMPERATURE AND

BRIGHTNESS

Brightness

Turn the dimmer knob to adjust the output level from 0% to 100% in 1% increments.

Color Temperature

Turn the color temperature knob to adjust the color temperature from 2700 to 5600 K in 50 K increments.

Auto Buttons

The brightness and color temperature auto buttons let you quickly select one of three preset color temperatures and brightness levels.

Press the auto button repeatedly to cycle through the presets.

Brightness presets: 100%, 50%, and 20%.

Color Temperature presets: 5600, 4150, and 2700 K.

Note: The set brightness and color temperature levels remain constant when cycling through the presets.

SLEEP FUNCTION

The sleep function lets you conserve battery power during temporary breaks.

1. Press the brightness knob, and the LED array will turn off without turning off the power switch. .
2. Press the brightness knob again to resume operation.

USING THE MEMORY FUNCTION

When you power on the light, it will resume operation with the color temperature and brightness that are set in the memory. To set the memory function, follow these steps.

1. Adjust the color temperature and brightness to the desired levels.
2. Press and hold the color temperature knob for about a second. When you power on the light or wake it up, it will resume operation with the most recent memory settings.

ATTACHING A SMARTPHONE

1. Insert the phone into the spring-loaded clamp.
2. Attach the flex-arm to one of the four shoe mounts by sliding it in and tightening the locking wheel.
3. Loosen the locking knob at the base of the phone clamp, and adjust the phone's orientation. Then tighten the locking knob until secure.

ADDING ACCESSORIES

Use the shoe mounts to add small optional photo and video accessories such as an accessory arm or microphone, makeup mirror (not included), or an optional mini ballhead to mount a web cam.

USING THE REMOTE CONTROL

The included remote uses an infrared beam to operate the ring light. Remote operation requires line of sight, and the maximum range is approximately 50 feet.

Power Button

Press the power button to turn on the ring light. The light will power up with the most recent color temperature and brightness settings.

Press the power button again to turn off the light.

Daylight Button

Pressing the daylight button sets the light to 5600 K daylight-balance color temperature at 100% brightness.

Auto Buttons

Use the Auto Buttons to automatically set the light to a warm, neutral, or cool color temperature at either 100% or 50% brightness.

Warm: 3200 K / Neutral: 4400 K / Cool: 5600 K

Brightness Up/Down

The brightness control lets you adjust the light's brightness from 0% to 100% in 1% increments.

Color Temperature Control

The color temperature control adjusts the color temperature from 3000 to 5600 K in 100 K increments.

Save Button

Pressing the save button will place the current settings into the ring light's memory. The light will recall these settings the next time it's powered up.

Note: Any subsequent setting adjustments made manually will override these stored settings.

RECYCLING LITHIUM-ION

BATTERIES

Lithium-ion batteries are recyclable. You can help preserve the environment by returning your used rechargeable batteries to a collection and recycling location near you.

For more information about recycling rechargeable batteries, call the Call2Recycle helpline at 1-877-723-1297, or visit www.call2recycle.org.

SPECIFICATIONS

Light Fixture

Color Temperature	2700 to 5600 K
Color Accuracy Standard	CRI: 98.1 (3200 K) / 97.2 (4400 K) / 97.6 (5600 K) TLCI: 98 (3200 K) / 98 (4400 K) / 98 (5600 K)
Cooling System	Passive
Dimming	Yes, 0% to 100%
Display	LED
Housing Material	ABS plastic
Light Intensity @3 ft.	3200 K: 1040 lx 4400 K: 1230 lx 5600 K: 981 lx
Expected Lamp Life	50,000 hr.
Dimensions	Diameter: 18 in. (45.7 cm) Height: 21.1 in. (53.6 cm) Depth: 2.2 in. (5.7 cm)
Kit Weight	4.26 lb. (1.9 kg)

Connectors

Battery Plate	NP-F (×2)
Power Input Connector	Barrel
Power Output Connector	USB Standard-A

Mounting

Fixture Mount	5/8 in.
Tilt	±90°

Power

AC Input Power	110 to 240 V AC, 50/60 Hz
DC Input Power	7.4 V
Power Source	AC adapter, NP-F battery
Max Power Consumption	60 W
USB Output Power	5 V, 2 A

SPECIFICATIONS CONT.

Remote Operation

Remote Control Type	Proprietary
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Frequency	IR
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Smartphone Bracket

Maximum Width	3.25 in. (8.2 cm)
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Length	7.5 in. (19 cm)
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ONE-YEAR LIMITED WARRANTY

This Raya 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. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider'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 the warranty provider. If the product has been discontinued, the warranty provider 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, THE WARRANTY PROVIDER 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 Raya Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Raya 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.rayalighting.com or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.

www.gradusgroup.com

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