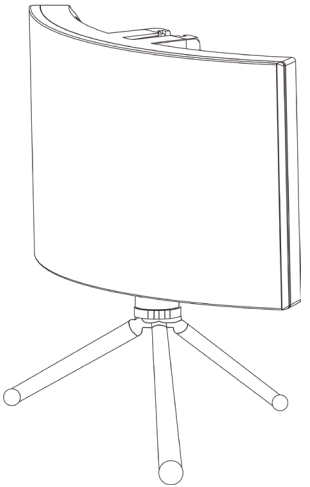
FotodioX®

Radius Go **1450**

User Manual



www.fotodioxpro.com

Thank You

Thank you for purchasing the Radius Go 1450 (RG1450) Mini Wide Angle, Curved, Dual Color, Fill Light from Fotodiox.

The RG1450 is a high-performance professional arc-shaped light designed for high-end live streaming and commercial shoots. The unique convex design of the light's body, with a 190° wide-angle light emitting surface, delivers a bright, accurate color rendering, and high-quality light source suitable for indoor and outdoor photography and videography, portrait photography, wedding photography, and interviews. This light also integrates the new Illume App, providing more options for live streaming rooms, indoor interviews, and short video dynamic lighting.

The RG1450 also adopts a magnetic remote control, which can flexibly choose between integrated light control or separated light control. There are 3 available power options to provide power to the light anytime and anywhere: DC Adapter, PD2.0 mobile power, and NP-F batteries. With precise 0-100% stepless dimming, included magnetic remote control, 11 built-in cinema grade special effects, and more, it meets various scene requirements and enhances work efficiency comprehensively. The dual color temperature design and multiple wireless lighting control methods enable easy adaptation and creative freedom without pressure.

Warnings

• Do not disassemble or modify the light.

• Do not operate with wet hands; doing so may cause electric shock.

• Do not operate in environments near flammable gasses or volatile liquids as this may increase the risk of explosion/fire.

• Do not operate in enclosed spaces where heat buildup can be extreme, such as a car on a sunny day. The increased heat may cause premature failure of the lighting unit.

• Do not touch the plug or AC adapter with wet hands; doing so may cause electric shock.

• Do not damage, disassemble, twist or modify the power cord as it may increase the risk of fire or electric shock.

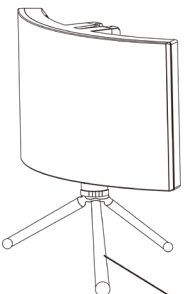
• ONLY use the provided AC power adapter. Using other AC power adapters may result in damage to your light.

• Avoid dust and debris buildup as this will affect the illuminance and color temperature.

• All pictures are for illustration purposes only. Actual product may vary slightly due to ongoing improvements in design.

Included In The Box:

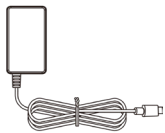
(please check and verify)



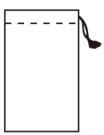
Light Body
(1pc)

Flexible Tripod
(1pc)

Remote Control
(1pc)



Power Adapter
(1pc)

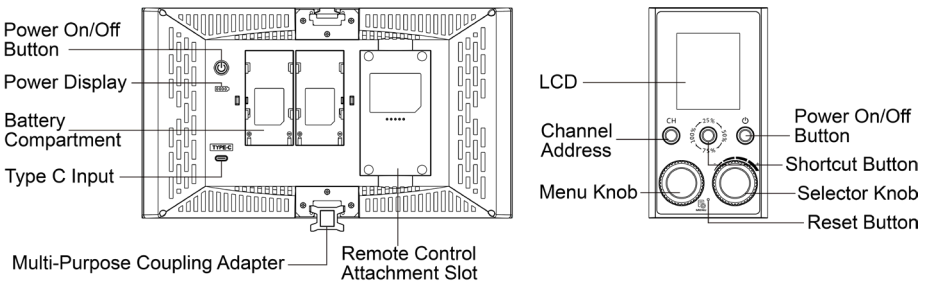


Carrying (Dust) Bag
(1pc)

Instruction Manual
(1pc)

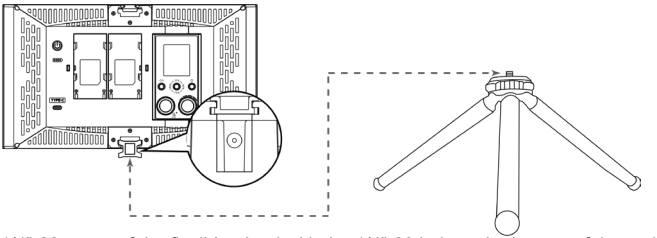
Note: The illustrations in the manual are schematic diagrams and are for reference only. Since products are constantly updated and upgraded, if there is any discrepancy between the actual product and the diagram, please refer to the actual product.

Parts Identification:



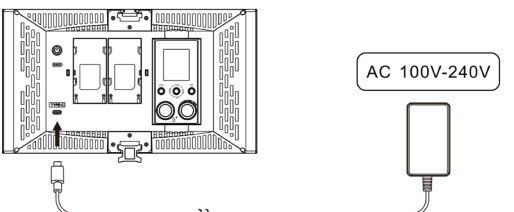
Useage:

1. Light Installation



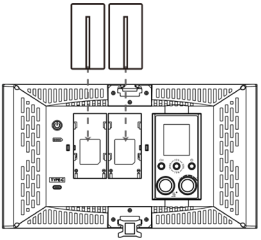
Align the top 1/4”-20 screw of the flexible tripod with the 1/4”-20 hole at the bottom of the multi-purpose coupling adapter, and tighten the screw.

2a. Power supply - AC Power Supply



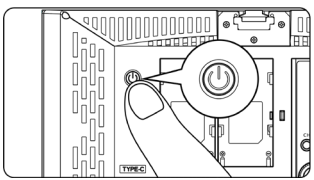
Insert the plug of adapter power into the TYPE-C interface at the bottom left corner of the light and then connect the external power supply.

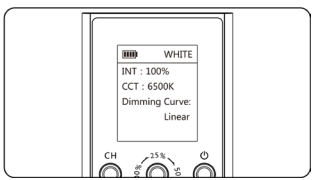
2b. Power supply - DC power supply



The lights can be powered by two NP-F (750 or 960) series batteries, a battery handle or a charging bank (PD2.0 or above / DC15V 3.2A).

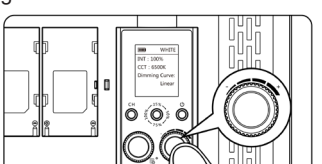
3. Power on and turn on the power switch

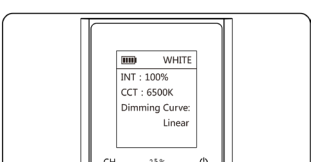




Connect the power supply, press the power switch on the left side of the light for 1 second. The magnetic remote-control LCD screen displays a white light interface, and the light starts to perform a three-second low brightness self-test.

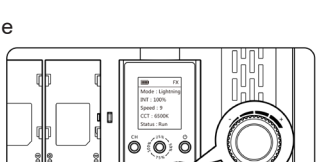
4. White Light Mode

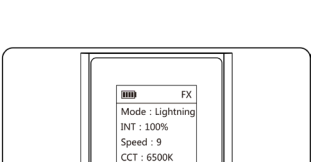




Entering the white light interface, short press the selector knob to switch between brightness, color temperature, and dimming curve modes. Rotate the selector knob to adjust the value. The brightness adjustment range is 0-100%, and the color temperature adjustment range is 2700K-6500K. The dimming curve options are Linear, Exponential, Logarithmic, and S-Curve.

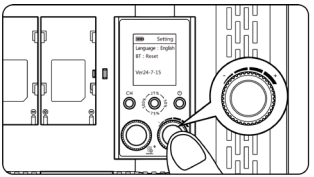
5. FX Mode

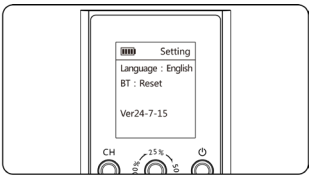




Rotate the menu knob to enter the special effects interface. Short press the selector knob to switch between mode, brightness, speed, color temperature, and status. Rotate the selector knob to adjust the value. Special effects modes are 1-11, the brightness adjustment range is 0-100%, the speed adjustment range is 0-9, and the color temperature adjustment range is 2700K-6500K (or warm white / neutral / cold white). The status bar includes run/stop.

6. Setting Mode

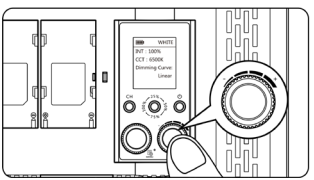


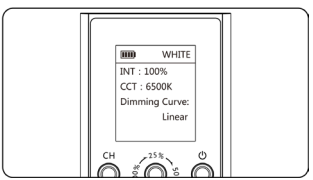


Rotate the menu knob to enter the Settings interface. Short press the selector knob to switch between language and Bluetooth settings.

A) Language Switching: Rotate the selector knob to switch between Chinese and English options.
B) Bluetooth Settings: Before using the APP to control the lighting, rotate the selector knob to reset the Bluetooth of the lighting.

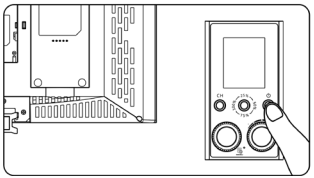
7. Shortcut Buttons

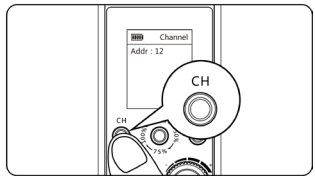




Enter the white light interface or special effects interface, short press the shortcut button to switch the brightness between 25%, 50%, 75%, and 100%.

8. Remote Control Functions





(1) The remote control attached to the light can be used wirelessly. If it is not used within five minutes after being removed, it will enter standby mode and need to be awakened by pressing the power button.

(2) The light cannot be turned off within 5 seconds after operating the remote control, otherwise the settings will not be saved.

(3) Press and hold the channel address button for 3 seconds to enter the address setting interface. At this time, adjust the remote-control address. Press the address button to return to the main interface. After placing the remote control on the light, adjust any parameters. The light address and remote-control address can be synchronized.

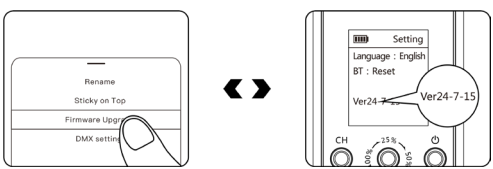
(4) When "2.4G OFF" is selected in the channel setting, the light will be locked after the remote controller is attached to the light to adjust any parameter, and the remote control function is invalid at this time; if the unlock function is required, the channel address must be set to 1-12 and then attached to the light to adjust any parameter to restore.

9. APP Control

APP download page

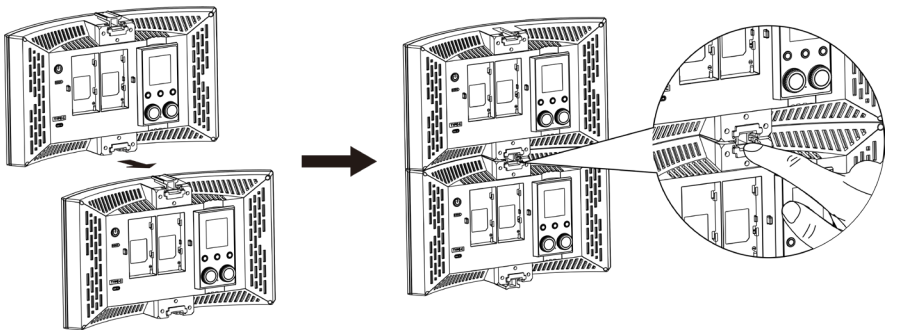
Users can search for ‘Illume’ on the App Store and Google Play Store or scan the QR code above to download the professional lighting control software for controlling the lights.

10. Firmware Upgrade



Users can upgrade the light’s firmware through the Illume App. After the upgrade is successful, you need to restart the lighting device and enter the settings interface to view the current device version number.

11. Multi-light splicing



Insert the multi-purpose coupling adapter from the bottom of one light fixture into the central interface at the top of another light fixture. Once you hear a click sound, the installation is complete. Following the same method, multiple lights can be connected. To remove the light fixture, press the location indicated in the image and push in the opposite direction as when inserting until it comes out.

Product Specifications:

Product model	W40X
Power	45W max
Beam angle	190°
Color temperature	2700K~6500K
CRI	Average 96
TLCI	Average 98
Rf	Average 92
Rg	Average 103
Working voltage/current	AC100V~240V , 50/60HZ PD2.0 or above/DC 15V/3.2A DC(Battery) 7.4V x 2
Remote control charging input voltage	DC5V
Lighting size	305 x 180 x 90mm
Lighting weight	About 800g
Octopus bracket weight	About 140g

RG1450 Illuminance Data					
CCT	Distance / Data	0.5m	1m	2m	3m
2700K	W/O reflector	2300 lux	640 lux	172 lux	80 lux
3200K	W/O reflector	2385 lux	660 lux	185 lux	83lux
5600K	W/O reflector	2620 lux	720 lux	195 lux	90 lux
6500K	W/O reflector	2510 lux	690 lux	186 lux	87 lux

Product specifications are based on testing our laboratory samples. The product may vary slightly, however these variations will not affect normal use. The design and specifications are subject to change without notice.

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