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NICREW SkyLED Plus 12-18 Inches

NICREW SkyLED Plus Aquarium Plant Light User Manual

Model: SkyLED Plus 12-18 Inches

Brand: NICREW

PRODUCT OVERVIEW

The NICREW SkyLED Plus Aquarium Plant Light is designed to provide optimal lighting for freshwater aquariums, supporting healthy plant growth and enhancing the vibrant colors of your fish. It features a sophisticated wired controller with an LCD screen, allowing for flexible programming of day and night cycles, including ramp-up and dim-down options to simulate natural sunrise and sunset. The light incorporates super bright 6500K white LEDs combined with 450nm blue and 660nm red LEDs to create a full spectrum. Its fully sealed fixture offers IP67 water resistance, making it suitable for daily splash and humidity.



Image: NICREW SkyLED Plus Aquarium Plant Light with its integrated controller.

SETUP INSTRUCTIONS

Unpacking

- Carefully remove all components from the packaging.
- Verify that all parts are present: LED light fixture, wired controller, and adjustable docking legs.
- Inspect the light and controller for any visible damage. Do not use if damaged.

Installation

1. Attach the adjustable docking legs to both ends of the LED light fixture. Ensure they are securely fastened.
2. Place the light fixture on top of your aquarium. The adjustable legs allow for quick and easy adjustments to fit tanks ranging from 12 to 18 inches in length.
3. Position the light centrally over the aquarium for even light distribution.
4. Connect the wired controller to the light fixture. Ensure the connections are firm.
5. Plug the power adapter into a suitable electrical outlet.

Aluminum Alloy Housing

Featuring a lightweight and durable aluminum alloy shell, the structure optimizes heat dissipation for a longer lifetime of LEDs.

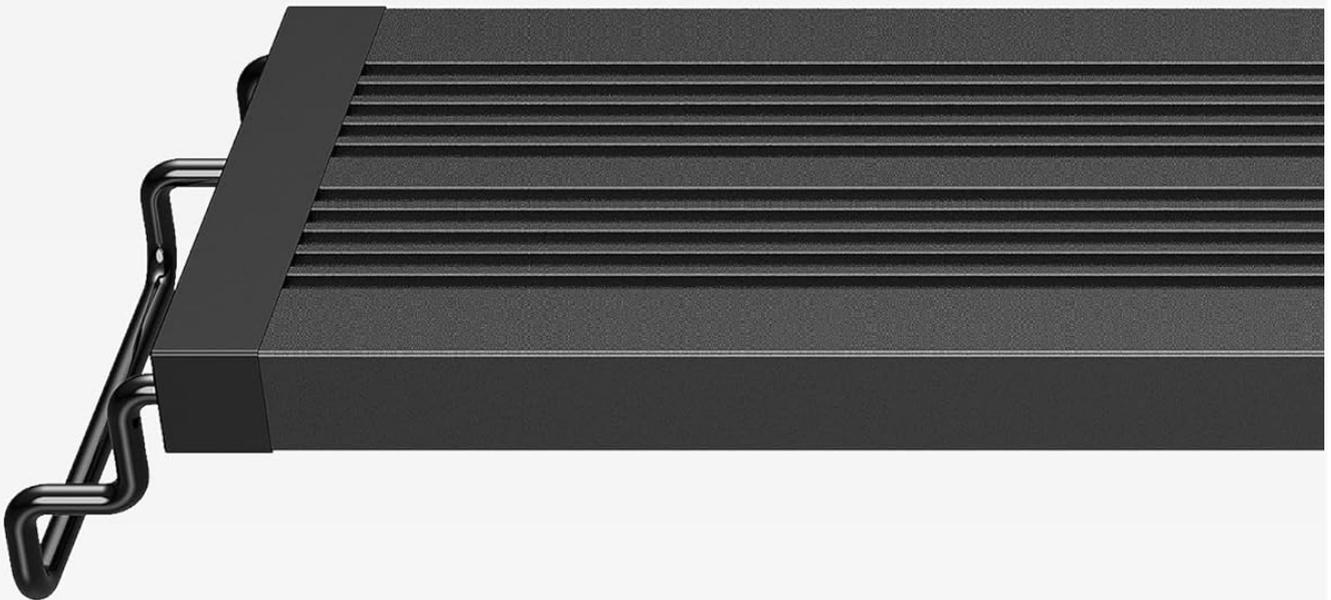


Image: The aluminum alloy housing of the light with adjustable docking legs for various tank sizes.

OPERATING YOUR SKYLED PLUS LIGHT

Controller Overview

The SkyLED Plus 2.0 LED aquarium light features an upgraded wired controller with an LCD screen for intuitive programming.



Image: Close-up of the controller showing display and buttons for setting time, intensity, and schedule.

Setting Current Time

1. Press and hold the **Gear (Settings)** button for 3 seconds to enter the editing interface.
2. The hour display will flash. Use the **Plus (+)** and **Minus (-)** buttons to adjust the hour.
3. Press **OK** to confirm the hour and move to minute adjustment.
4. Adjust the minute using the **Plus (+)** and **Minus (-)** buttons.
5. Press **OK** to confirm the minute. The time is now set.

Programming Lighting Schedule

The controller allows for customization of daylight and moonlight cycles, including intensity and ramp times.

1. From the current time display, press the **Gear (Settings)** button to cycle through the settings: Daylight On Time, Daylight Spectral Intensity, Moonlight Transition Time, Moonlight Spectral Intensity, Light Off Time, and Ramp Time.
2. For each setting, use the **Plus (+)** and **Minus (-)** buttons to adjust the values.
3. Press **OK** to confirm each setting and move to the next parameter within that setting (e.g., from hour to minute, or from white channel intensity to blue channel intensity).
4. The **Ramp Time** setting allows you to choose the duration for sunrise and sunset simulation (0, 15, 30, 60, 90, or 120 minutes).
5. After adjusting all desired settings, press the **Gear (Settings)** button until you return to the main time display to save your changes.

Day + Night Controller

The controller adds flexibility to lighting time and brightness, and can automatically make daylight and nightlight alternation.

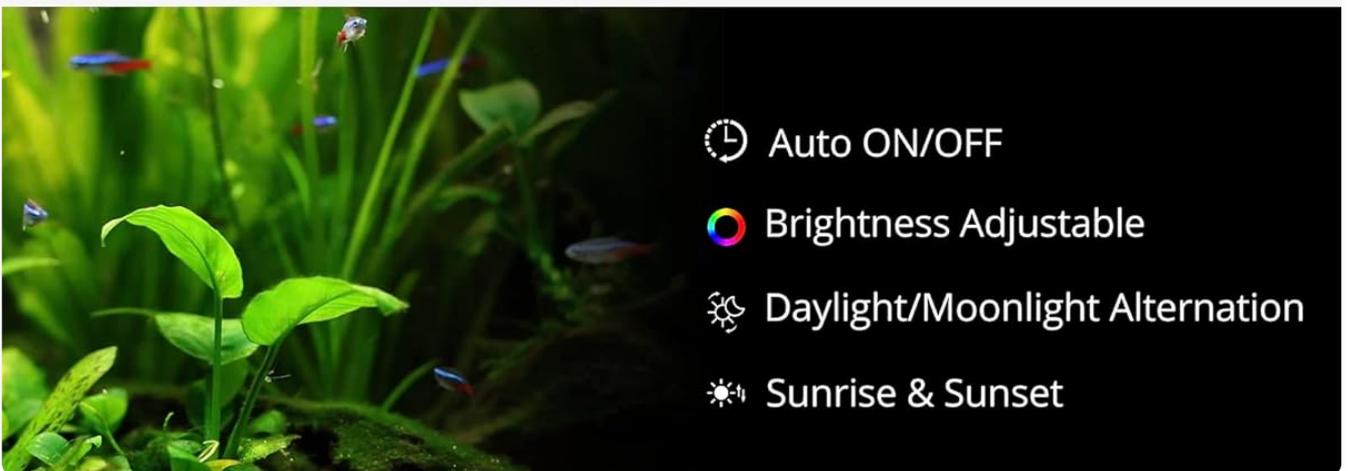
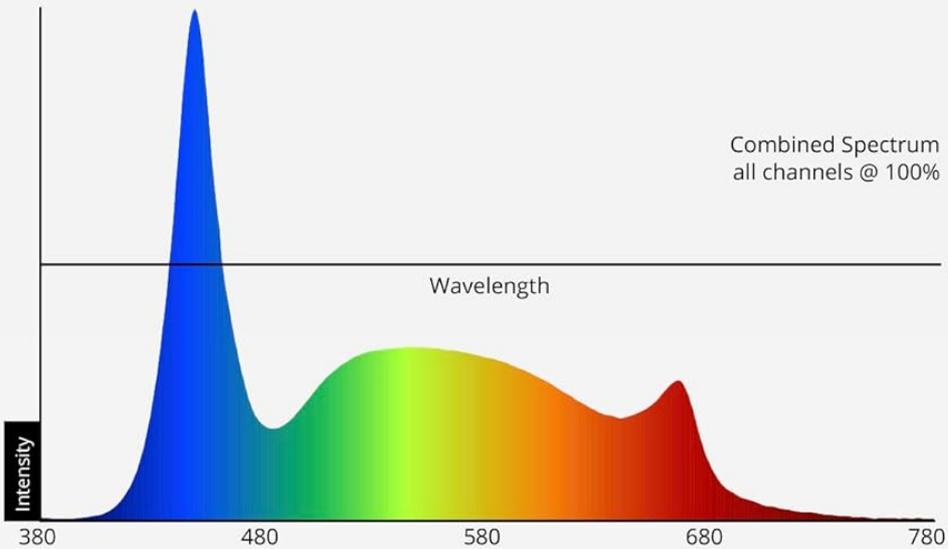


Image: Default lighting schedule showing 8 hours of full intensity daylight, 30 minutes sunrise/sunset, and 3 hours of 5% blue moonlight.

Powerful and Full Spectrum

The full-spectrum array promotes healthy, vibrant growth of plants and lights up for aquatic pets.



LEDs: 32 White + 6 Blue + 4 Red

Color Rendering Index (CRI): 88

PAR@12" in air: 57

Lumens: 700 lm

LUX@12" in air: 3500

Wattage: 11 W

Image: Combined spectrum graph of the light, highlighting peaks at 450nm (blue) and 660nm (red) for optimal plant growth and color rendering.

Official Instruction Video

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Video: A detailed guide on how to use and program the NICREW SkyLED Plus controller, demonstrating setting the time and various lighting parameters.

MAINTENANCE AND CARE

- **Cleaning:** Regularly wipe the light fixture with a soft, damp cloth to remove dust and water spots. Ensure the light is unplugged before cleaning.
- **Water Resistance:** The fixture is IP67 water-resistant, designed to handle daily splashes and humidity. However, it is not intended for submersion. Avoid direct water spray or prolonged exposure to heavy splashing to ensure longevity.
- **Ventilation:** Ensure adequate air circulation around the light fixture to prevent overheating, although the aluminum alloy housing is designed for efficient heat dissipation.

IP67 WaterProof Protection

The structure can be used on an aquarium without a lid, and can lower the damage of the daily splash and humidity intrusion.



Image: Illustration of the IP67 waterproof rating, indicating protection against water splashes and humidity.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	Power connection loose; power outage; faulty adapter.	Check all connections; verify power outlet; try a different adapter if available.
Light flickers or dims unexpectedly.	Loose connection; water intrusion; internal fault.	Ensure connections are secure. If water intrusion is suspected, unplug immediately and allow to dry completely. Contact customer support if issue persists.
Controller display is blank or unresponsive.	Power issue; controller malfunction.	Check power supply. Attempt factory reset. Contact customer support.
Scheduled settings are not working.	Incorrect programming; power interruption reset.	Re-program the schedule carefully following instructions. If power was interrupted, the unit might have reset to factory defaults; re-enter settings.

Restoring Factory Settings

If you wish to reset the timer and all previous settings to their factory defaults, press and hold the **Gear (Settings)** button and the **Power (On/Off)** button simultaneously for 3 seconds. The display will briefly show a reset confirmation, and the light will revert to its initial settings.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model	SkyLED Plus
Size (Adjustable)	12 - 18 inches
Wattage	11 watts
Voltage	240 Volts (AC)
Light Source Type	LED (6500K White, 450nm Blue, 660nm Red)
Material	Glass, Acrylic, Aluminum Alloy
Water Resistance Level	IP67 Water Resistant
Controller Type	Wired with LCD screen
Product Dimensions	18"D x 10.4"W x 2.2"H
Item Weight	1.25 pounds (0.57 Kilograms)

WARRANTY AND CUSTOMER SUPPORT

NICREW products come with a Hassle-Free 12-Month Warranty, ensuring peace of mind regarding your purchase. This warranty covers manufacturing defects and issues arising from normal use.

For any questions, concerns, or technical assistance, please contact NICREW customer service. We offer 24-Hour Friendly Customer Service to assist you with setup, operation, troubleshooting, or warranty claims.

Please refer to the official NICREW website or your purchase documentation for the most current contact information and detailed warranty terms.

You can also visit the [NICREW Store on Amazon](#) for more product information and support resources.